HYDRODATA

INGEGNERIA DELLE RISORSE IDRICHE

Skiarea MIARA SAN VIGILIO/MAREBBE

Impianto idroelettrico "Rezzoaglio" sul torrente Rezzoaglio e sui rii Crosa Scura e Dugaia

DOMANDA DI VARIAZIONE DELLA CONCESSIONE DI DERIVAZIONE

STUDIO DI IMPATTO AMBIENTALE

INTEGRAZIONI - Allegati

CODICE DOCUMENTO	ELABORATO
2918-03-01600.DOCDT	4.1

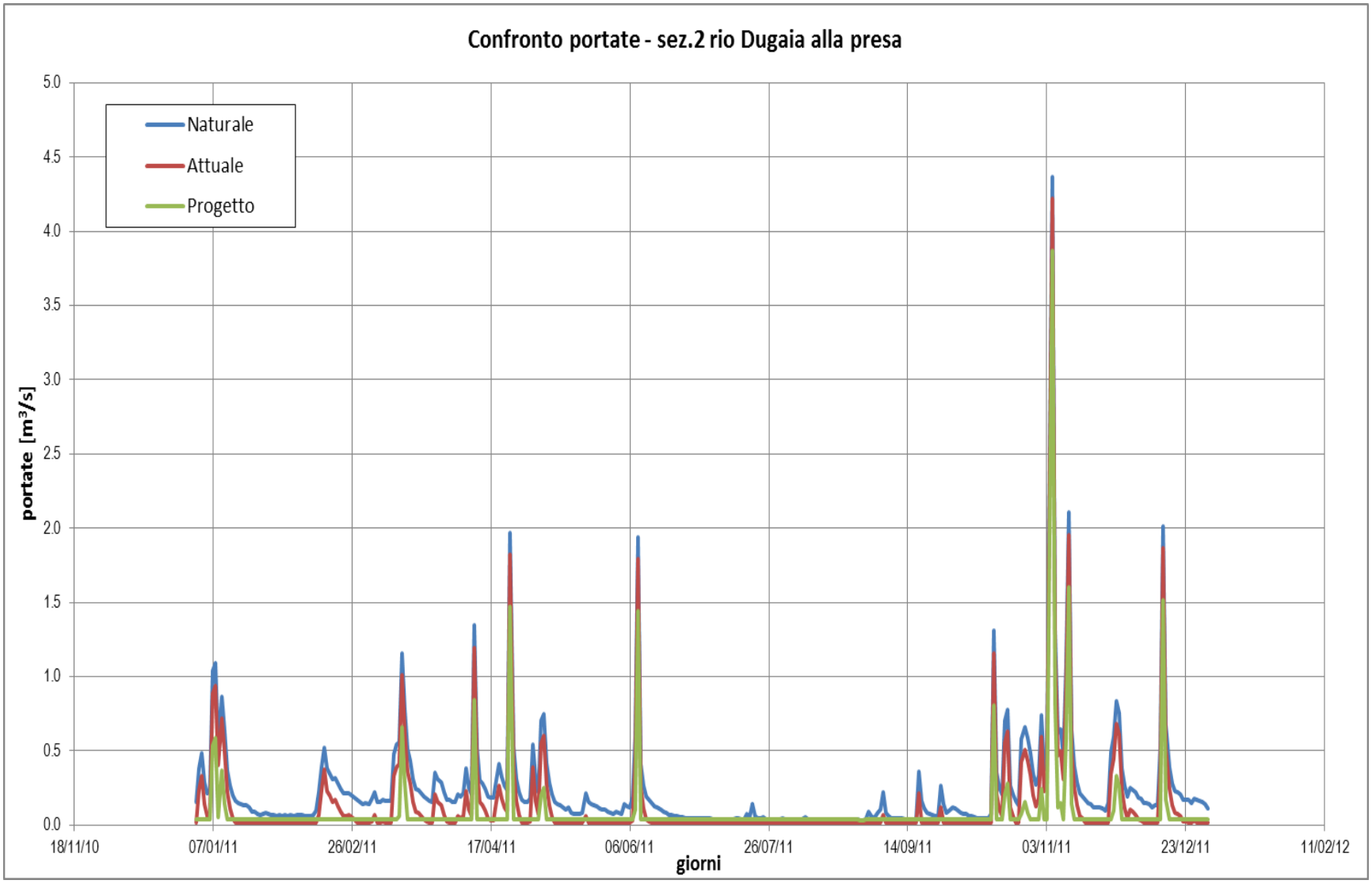
REV.	DATA	REDAZIONE	VERIFICA	AUTORIZZAZIONE	MODIFICHE
00	NOV. 14	M.BUFFO	S.TOZZI	S.TOZZI	

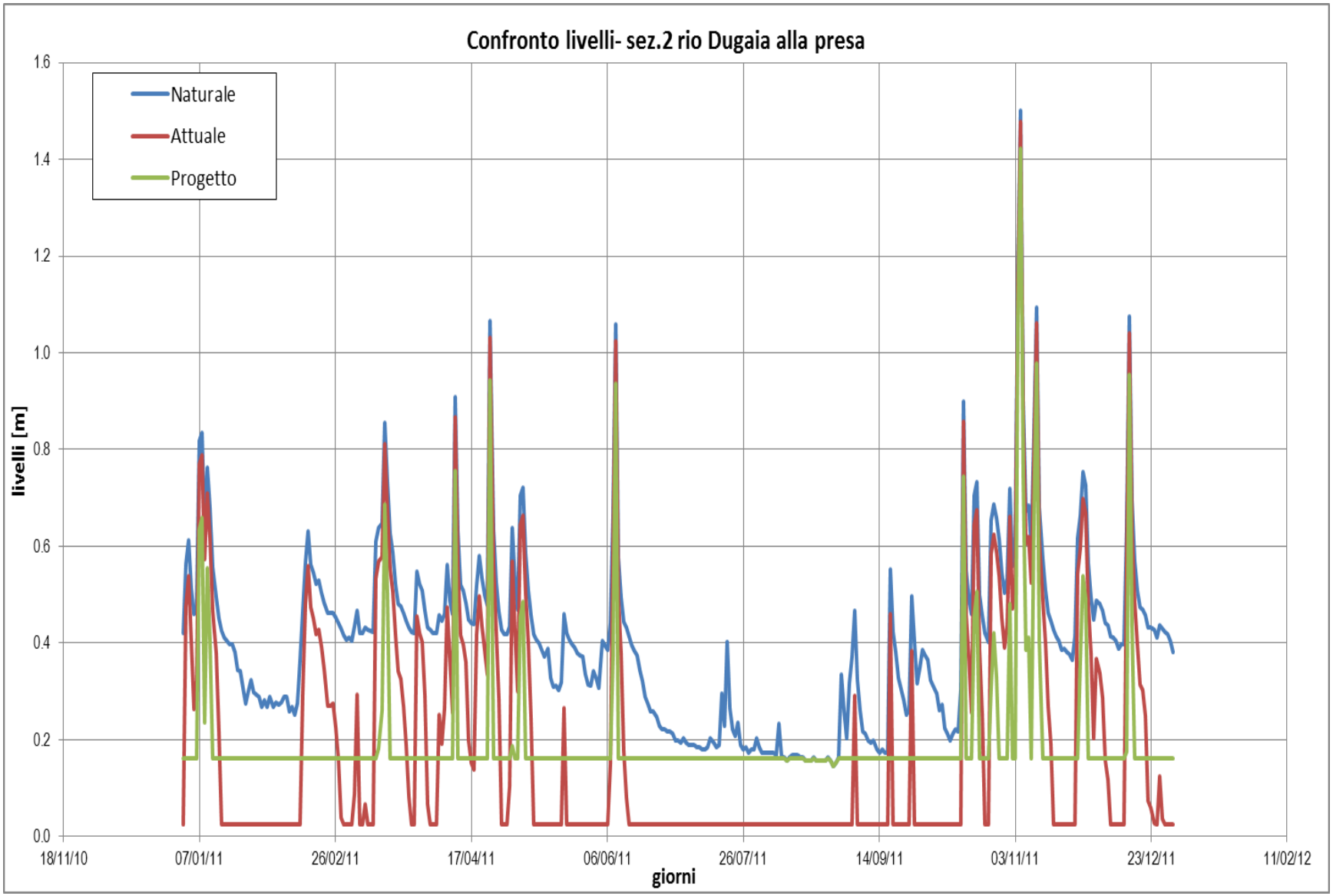
RIPRODUZIONE O CONSEGNA A TERZI SOLO DIETRO SPECIFICA AUTORIZZAZIONE

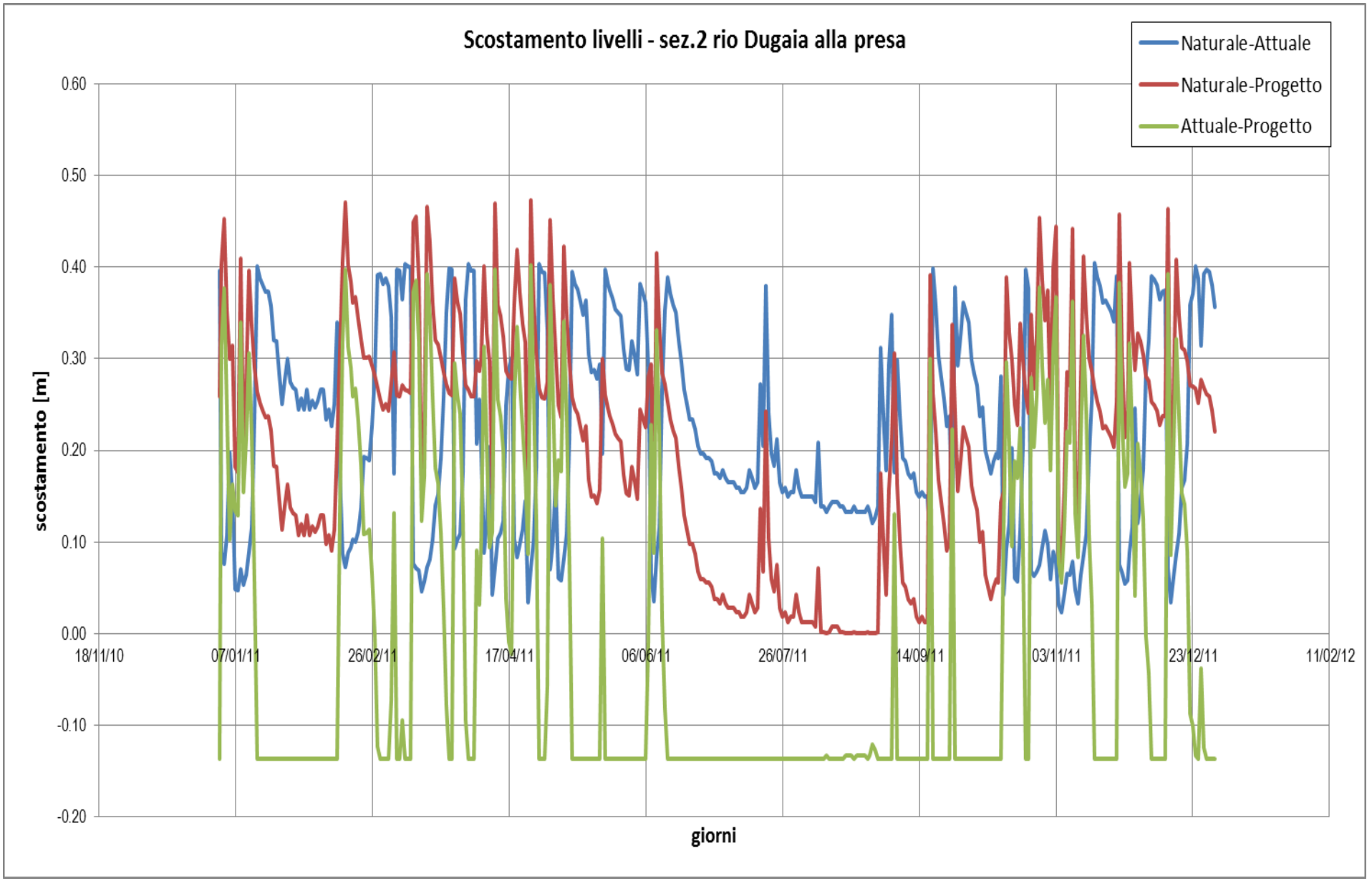
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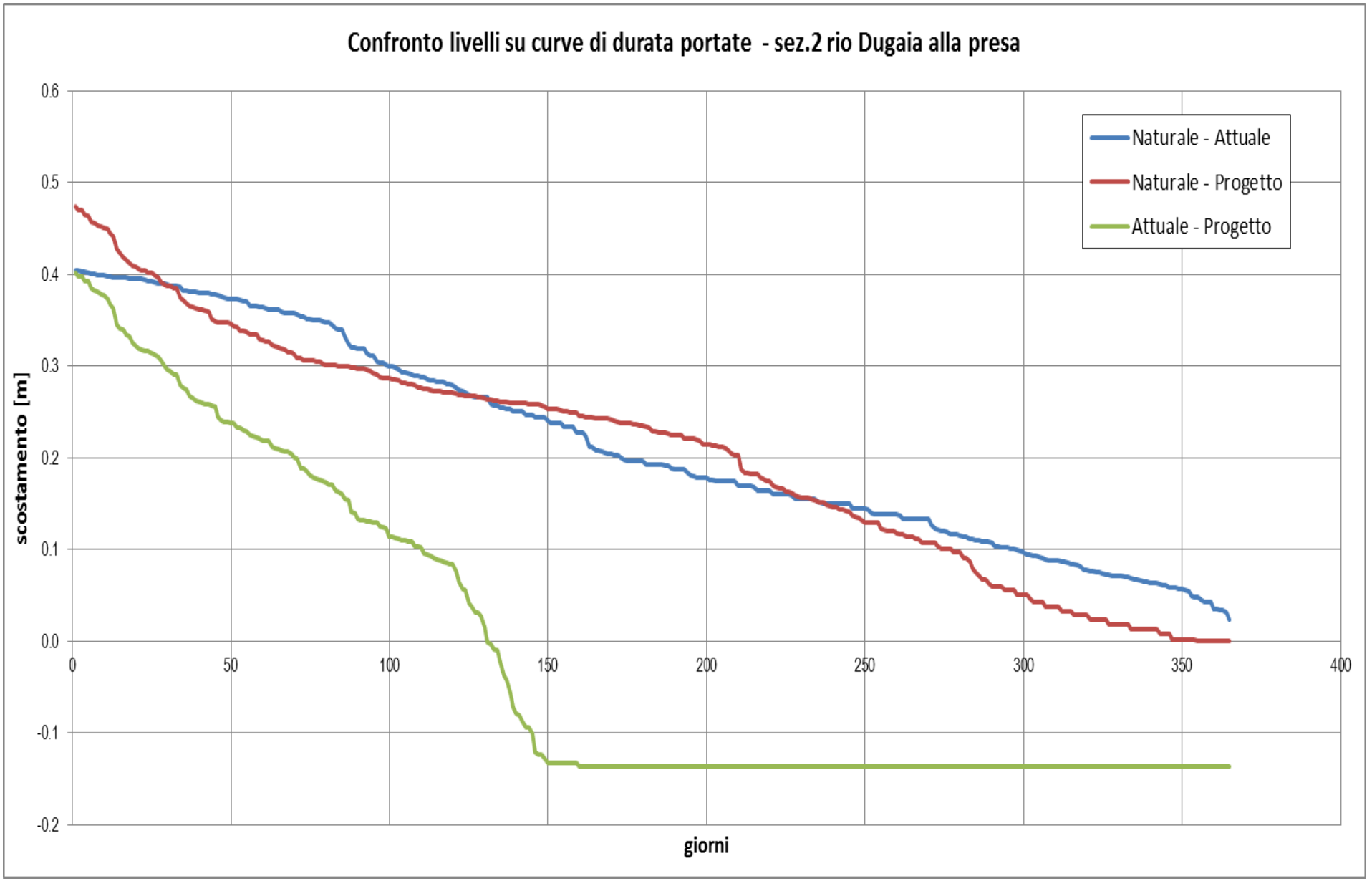
ALLEGATO 1 – Andamenti giornalieri in sezioni rappresentative dei livelli e dei relativi scostamenti dallo stato naturale.

DUGAIA 02

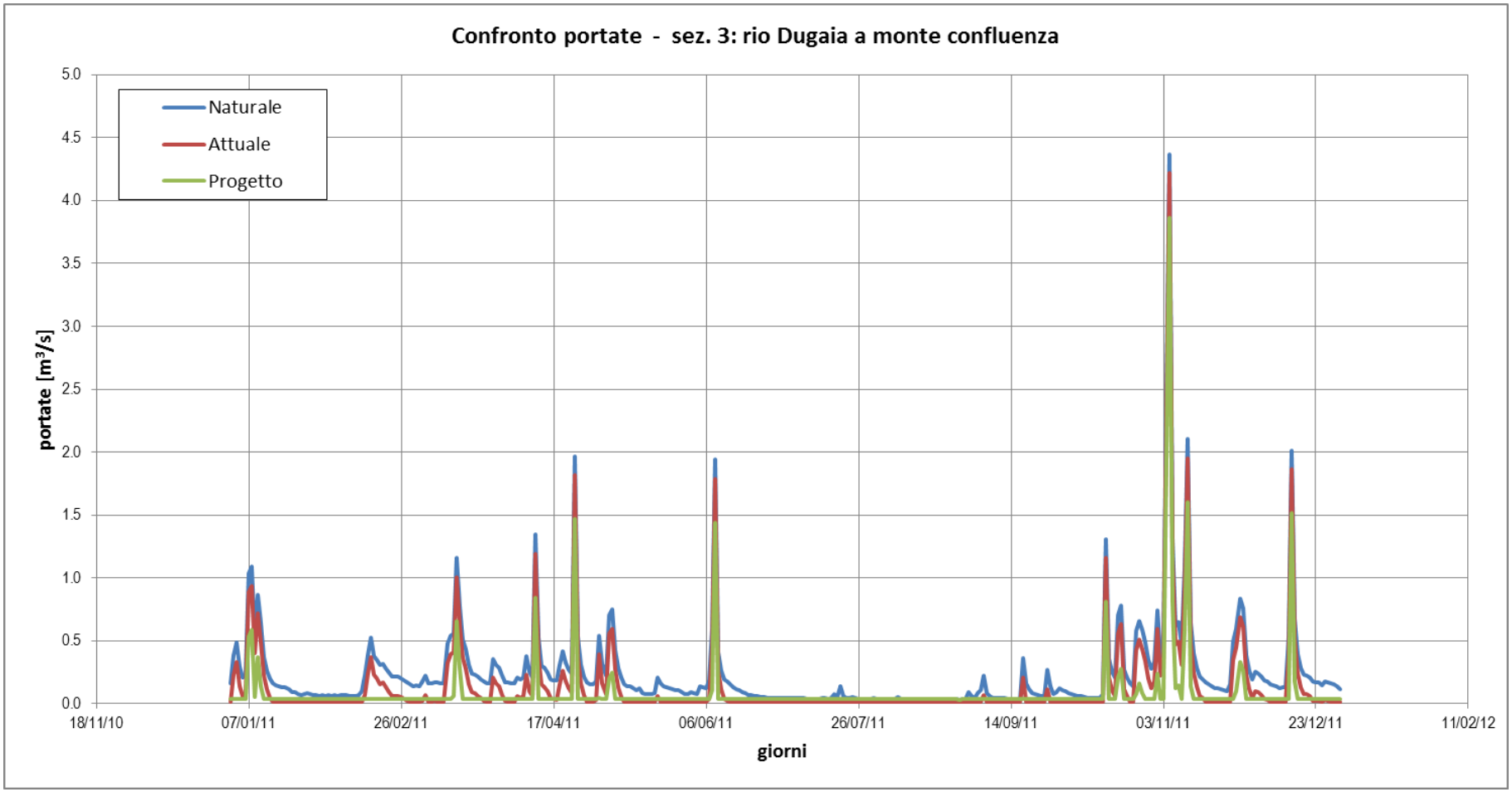

Confronto portate - sez.2 rio Dugaia alla presa
Naturale
Attuale
Progetto
portate [m³/s]
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
18/11/10
07/01/11
26/02/11
17/04/11
06/06/11
26/07/11
14/09/11
03/11/11
23/12/11
11/02/12
giorni

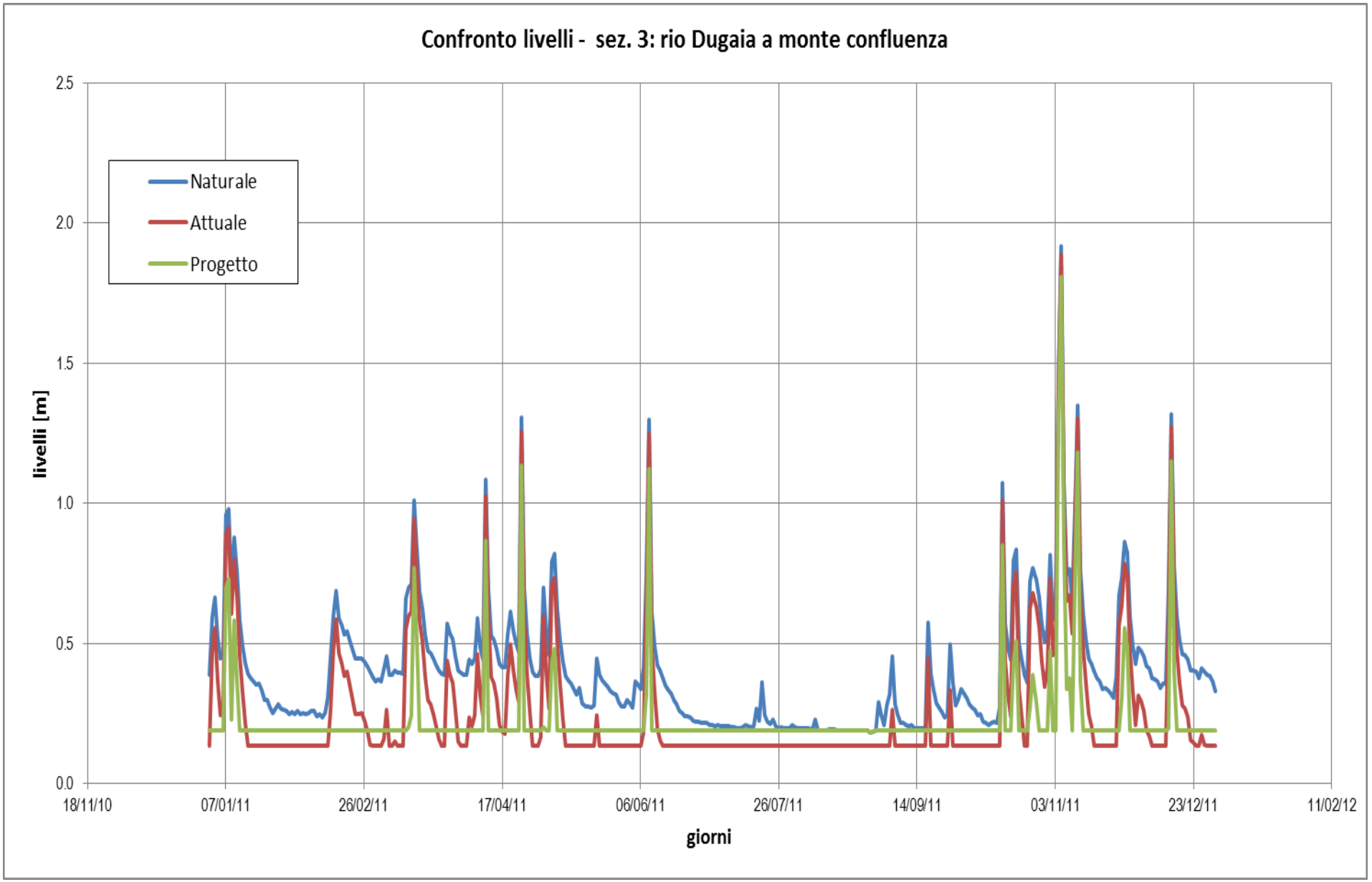

Confronto livelli- sez.2 rio Dugaia alla presa
Naturale
Attuale
Progetto
livelli [m]
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
18/11/10
07/01/11
26/02/11
17/04/11
06/06/11
26/07/11
14/09/11
03/11/11
23/12/11
11/02/12
giorni

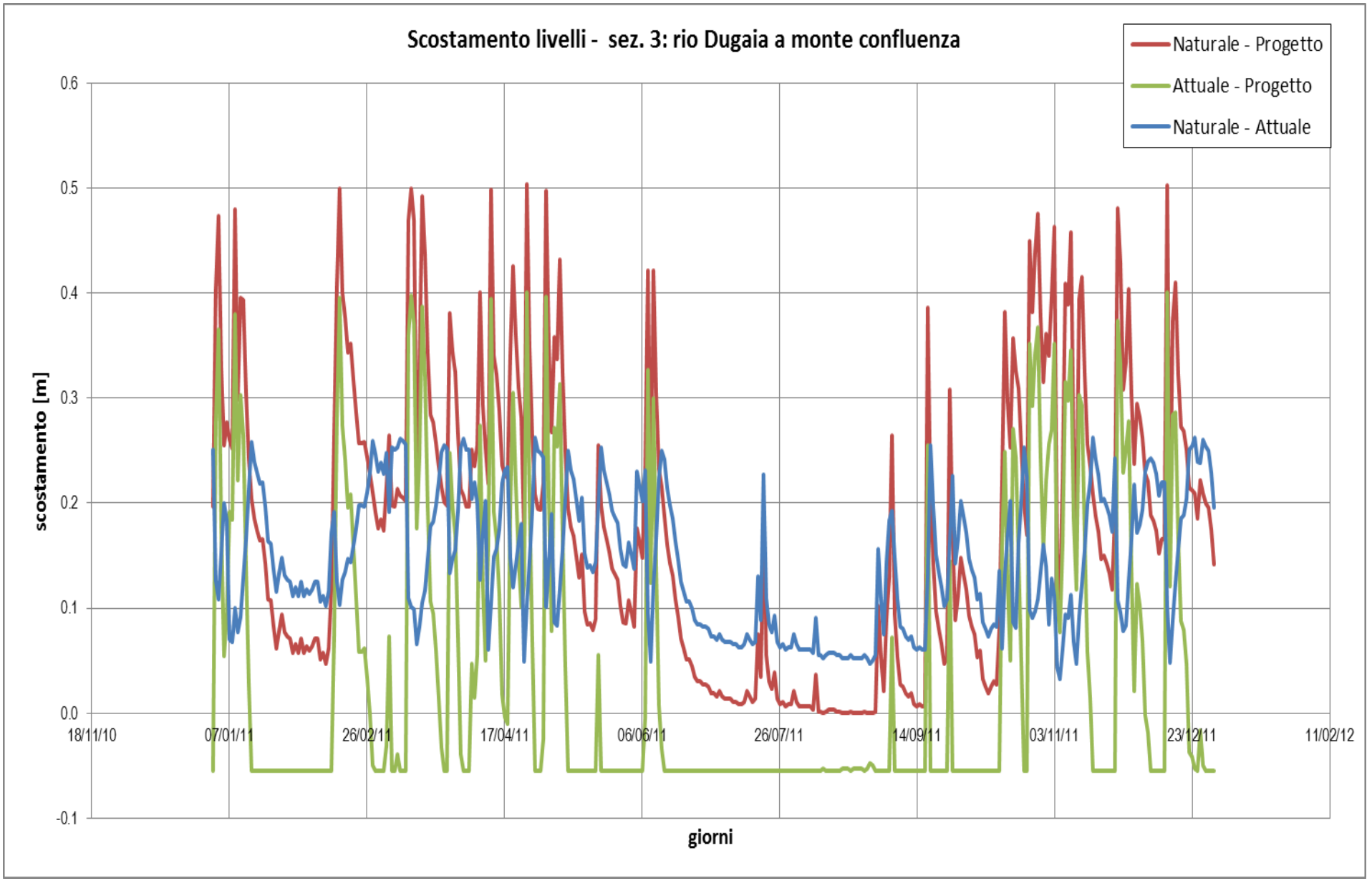

Scostamento livelli - sez.2 rio Dugaia alla presa
Naturale-Attuale
Naturale-Progetto
Attuale-Progetto
scostamento [m]
0.60
0.50
0.40
0.30
0.20
0.10
0.00
-0.10
-0.20
18/11/10
07/01/11
26/02/11
17/04/11
06/06/11
26/07/11
14/09/11
03/11/11
23/12/11
11/02/12
giorni

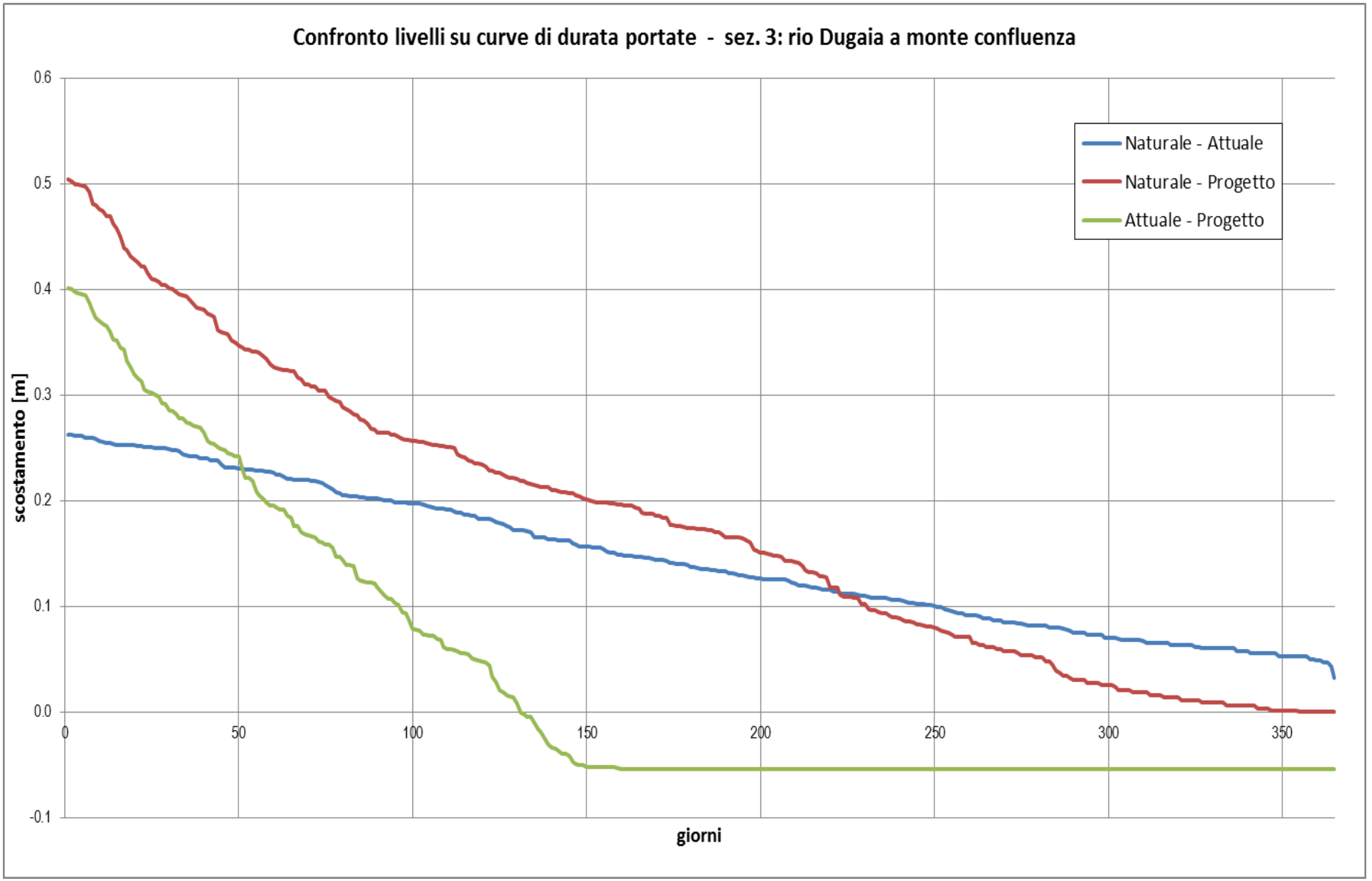

Confronto livelli su curve di durata portate - sez.2 rio Dugaia alla presa
0.6
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
scostamento [m]
0
50
100
150
200
250
300
350
400
giorni
Naturale - Attuale
Naturale - Progetto
Attuale - Progetto

DUGAIA 03

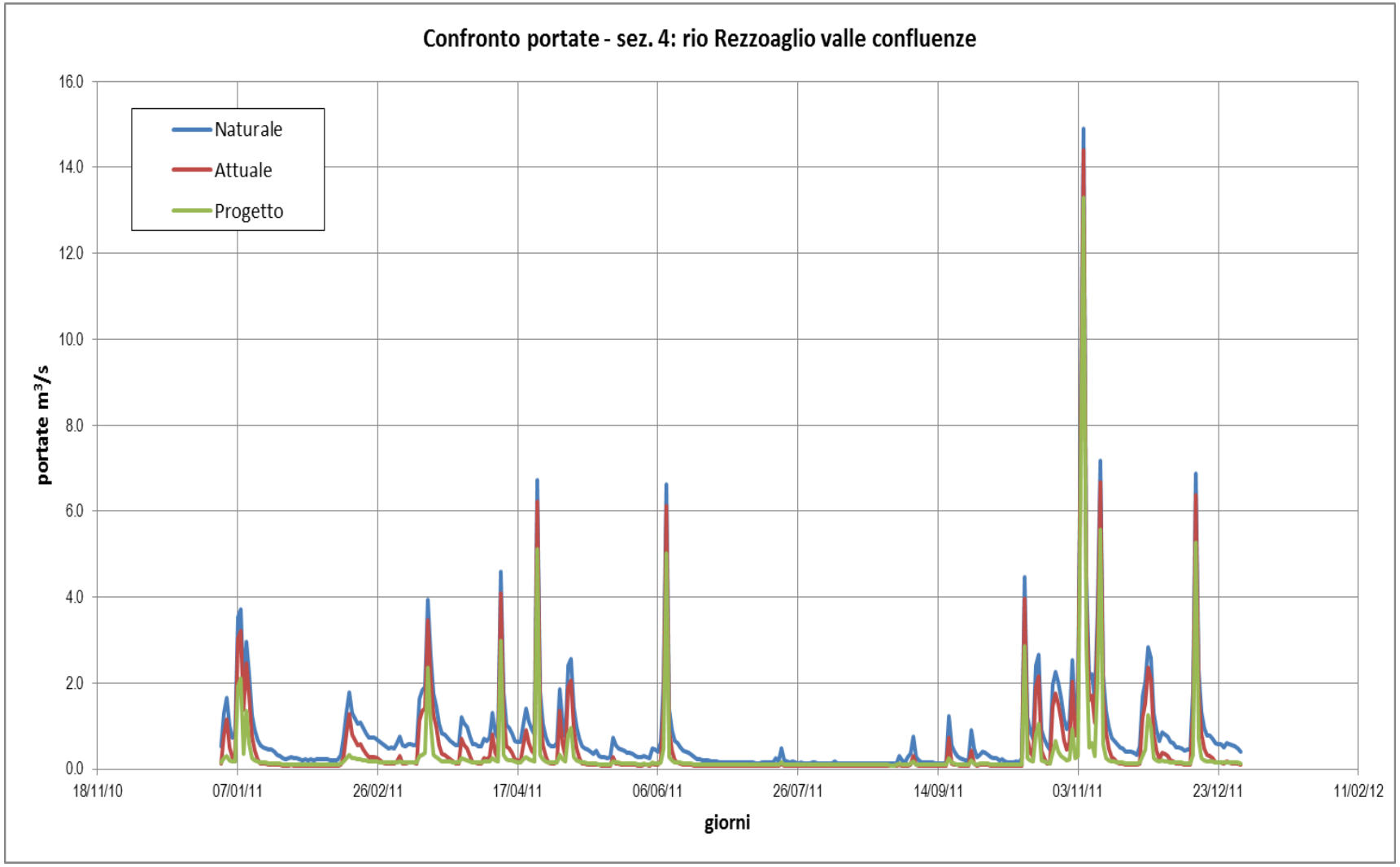

Confronto portate - sez. 3: rio Dugaia a monte confluenza
Naturale
Attuale
Progetto
portate [m³/s]
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
18/11/10
07/01/11
26/02/11
17/04/11
06/06/11
26/07/11
14/09/11
03/11/11
23/12/11
11/02/12
giorni

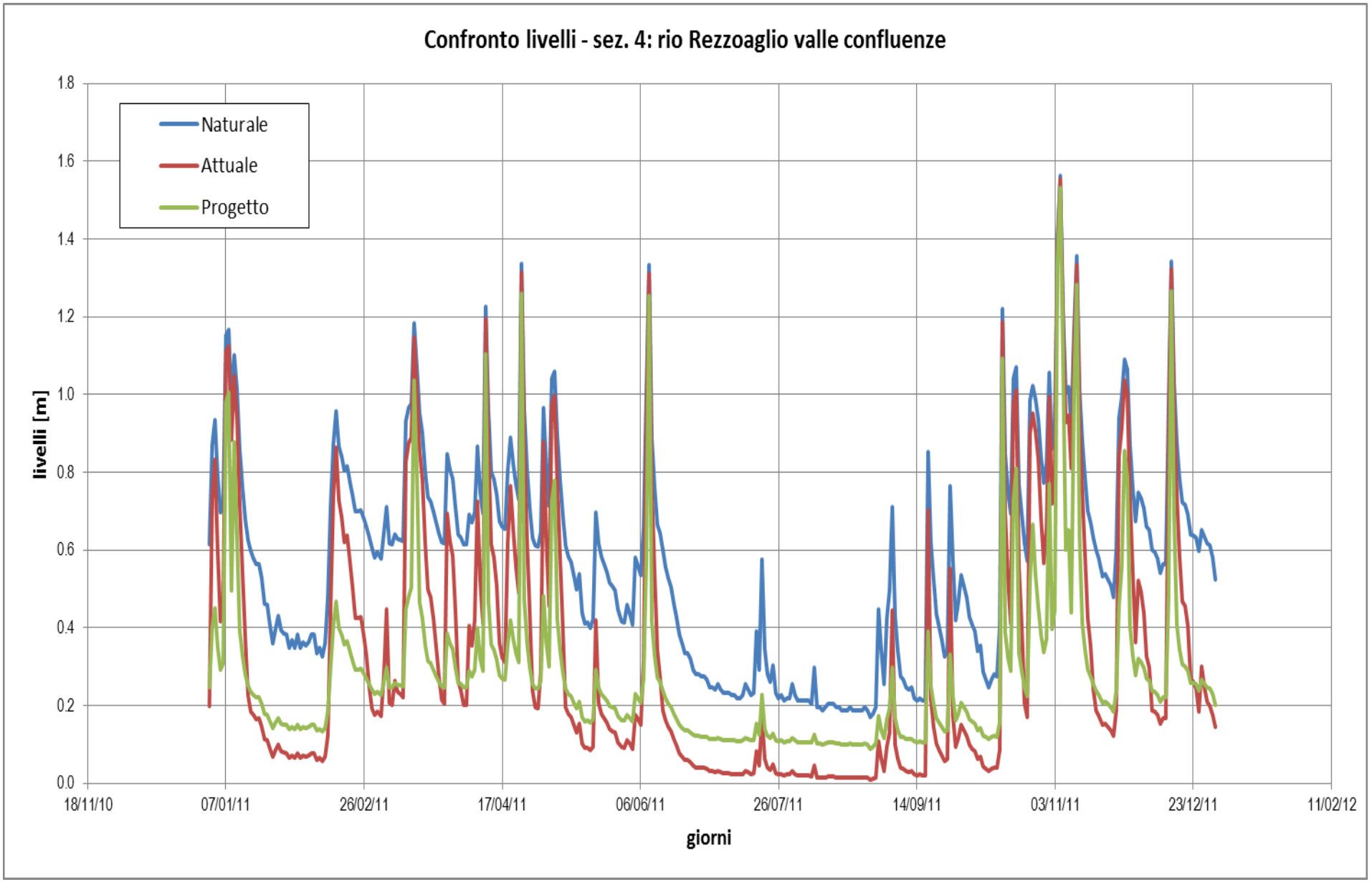

Confronto livelli - sez. 3: rio Dugaia a monte confluenza
Naturale
Attuale
Progetto
livelli [m]
2.5
2.0
1.5
1.0
0.5
0.0
18/11/10
07/01/11
26/02/11
17/04/11
06/06/11
26/07/11
14/09/11
03/11/11
23/12/11
11/02/12
giorni

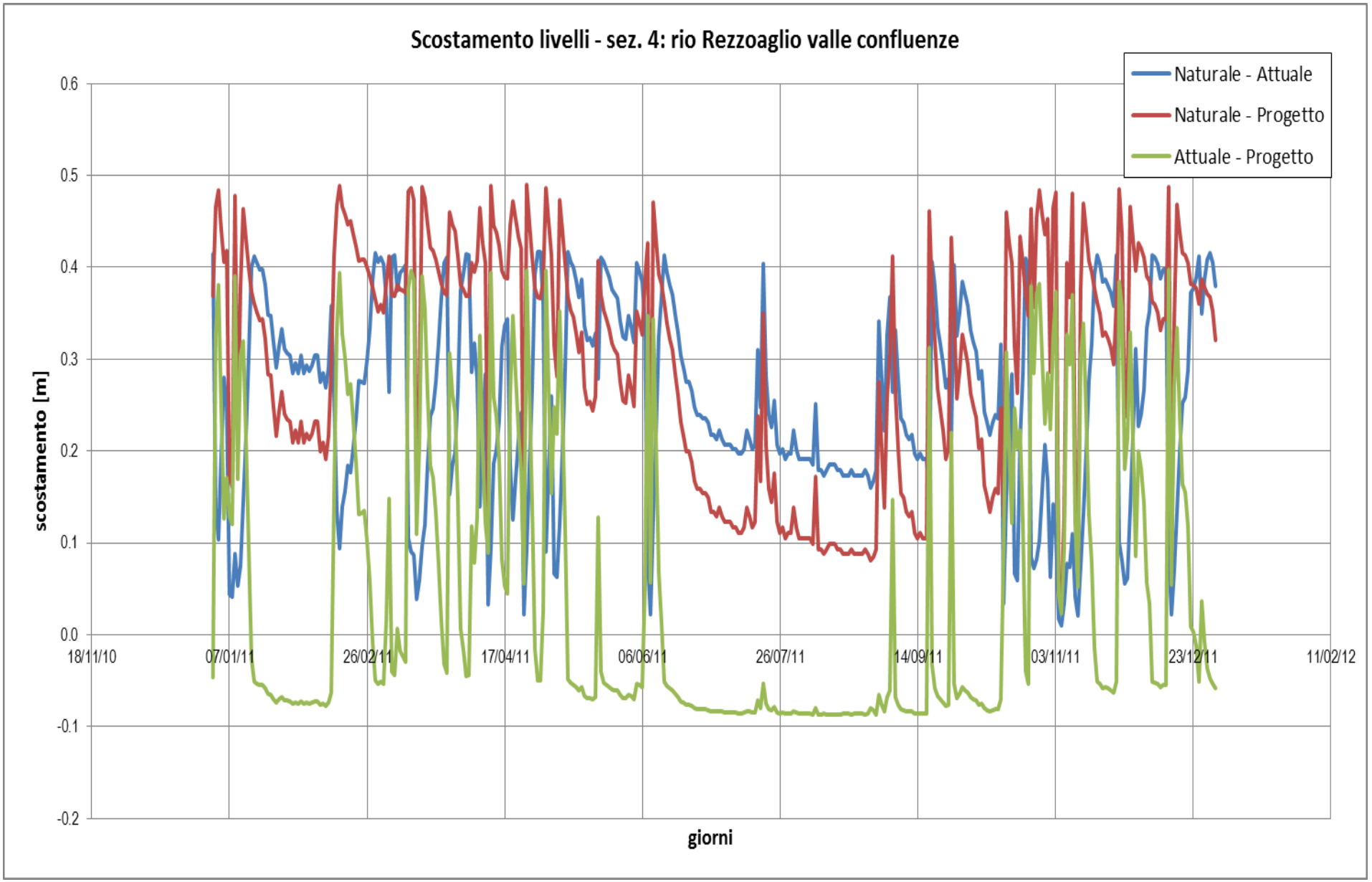

Scostamento livelli - sez. 3: rio Dugaia a monte confluenza
Naturale - Progetto
Attuale - Progetto
Naturale - Attuale
scostamento [m]
0.6
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
18/11/10
07/01/11
26/02/11
17/04/11
06/06/11
26/07/11
14/09/11
03/11/11
23/12/11
11/02/12
giorni

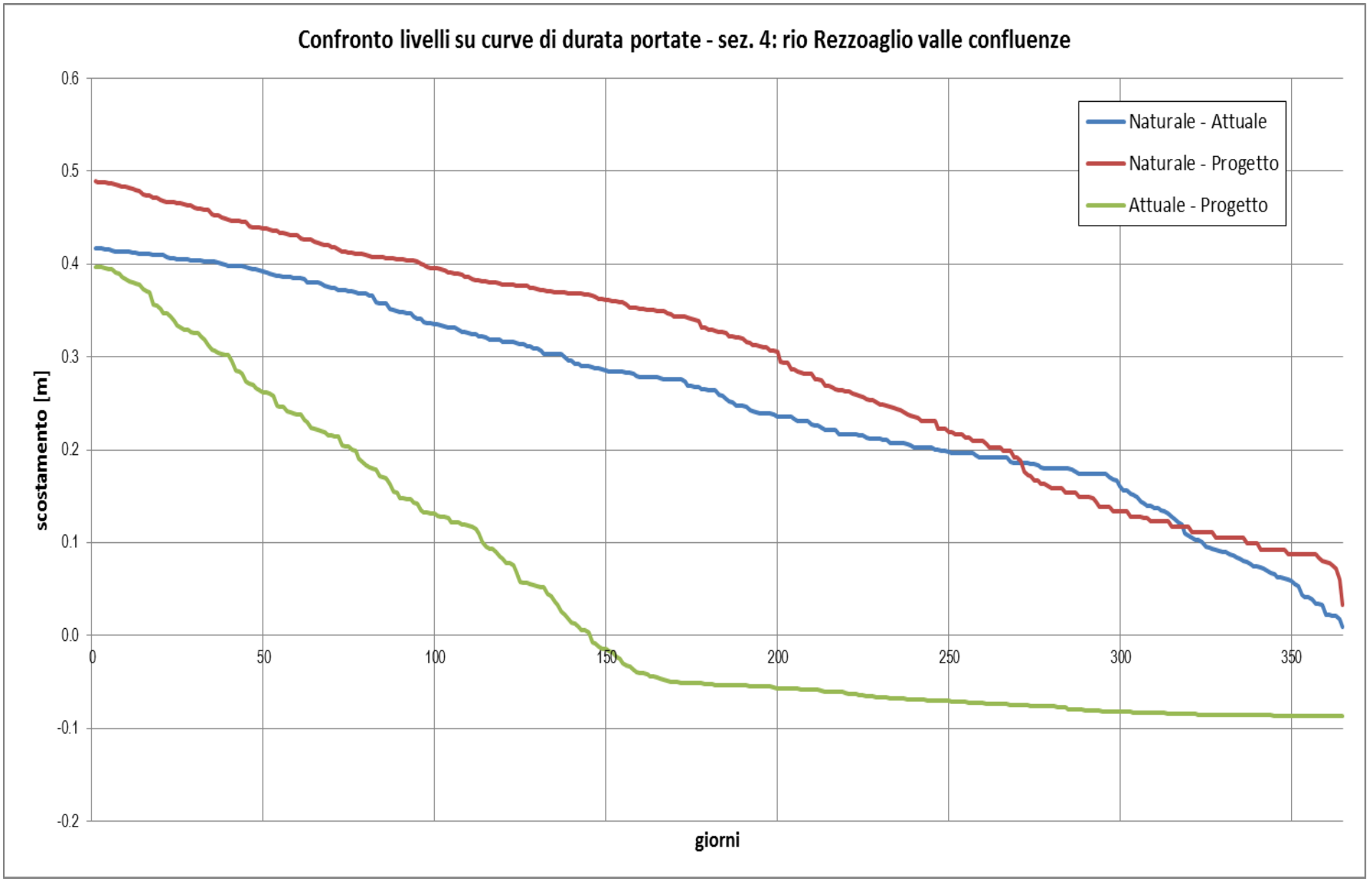

Confronto livelli su curve di durata portate - sez. 3: rio Dugaia a monte confluenza
0.6
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
scostamento [m]
0
50
100
150
200
250
300
350
giorni
Naturale - Attuale
Naturale - Progetto
Attuale - Progetto

REZZOAGLIO 04

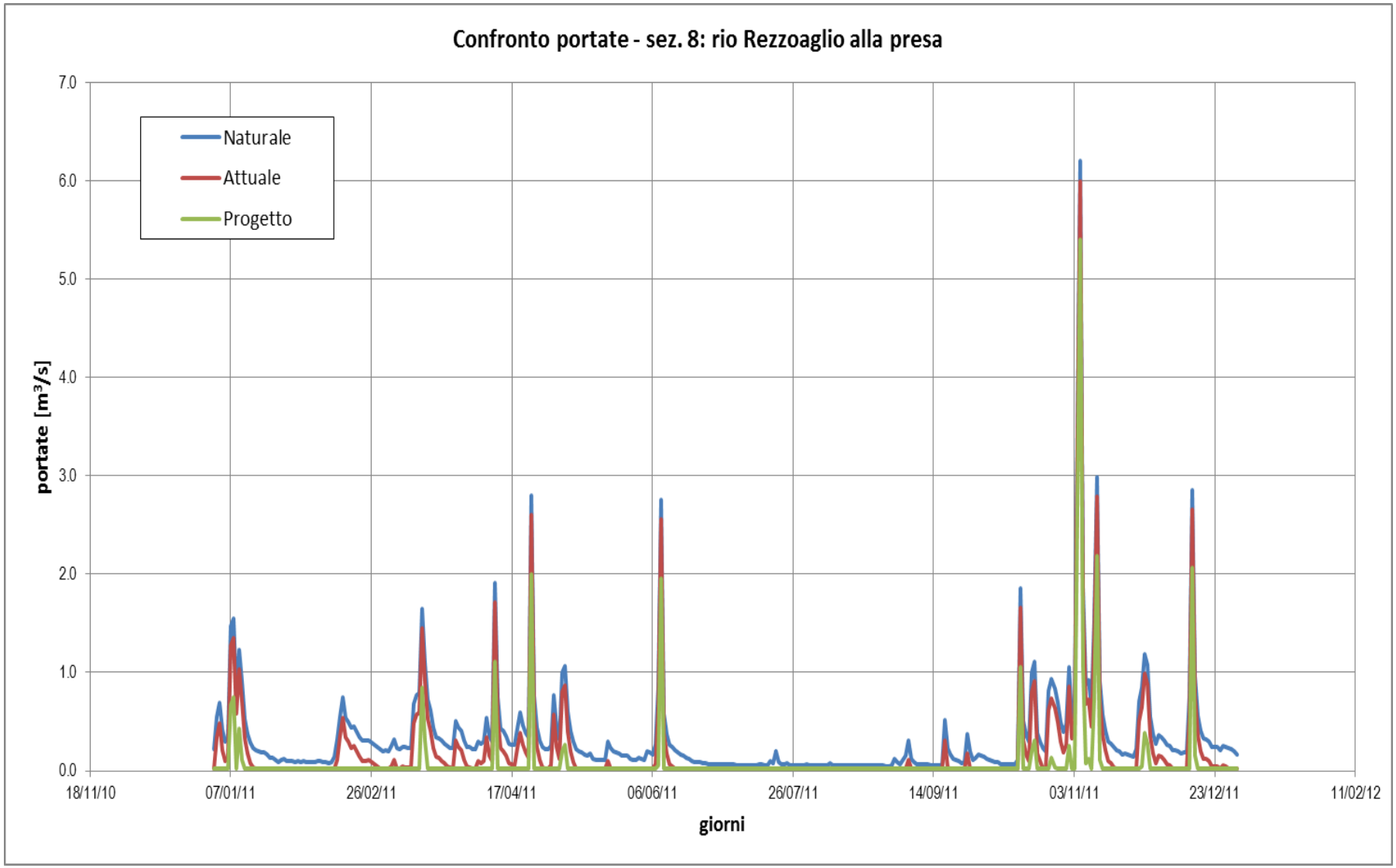


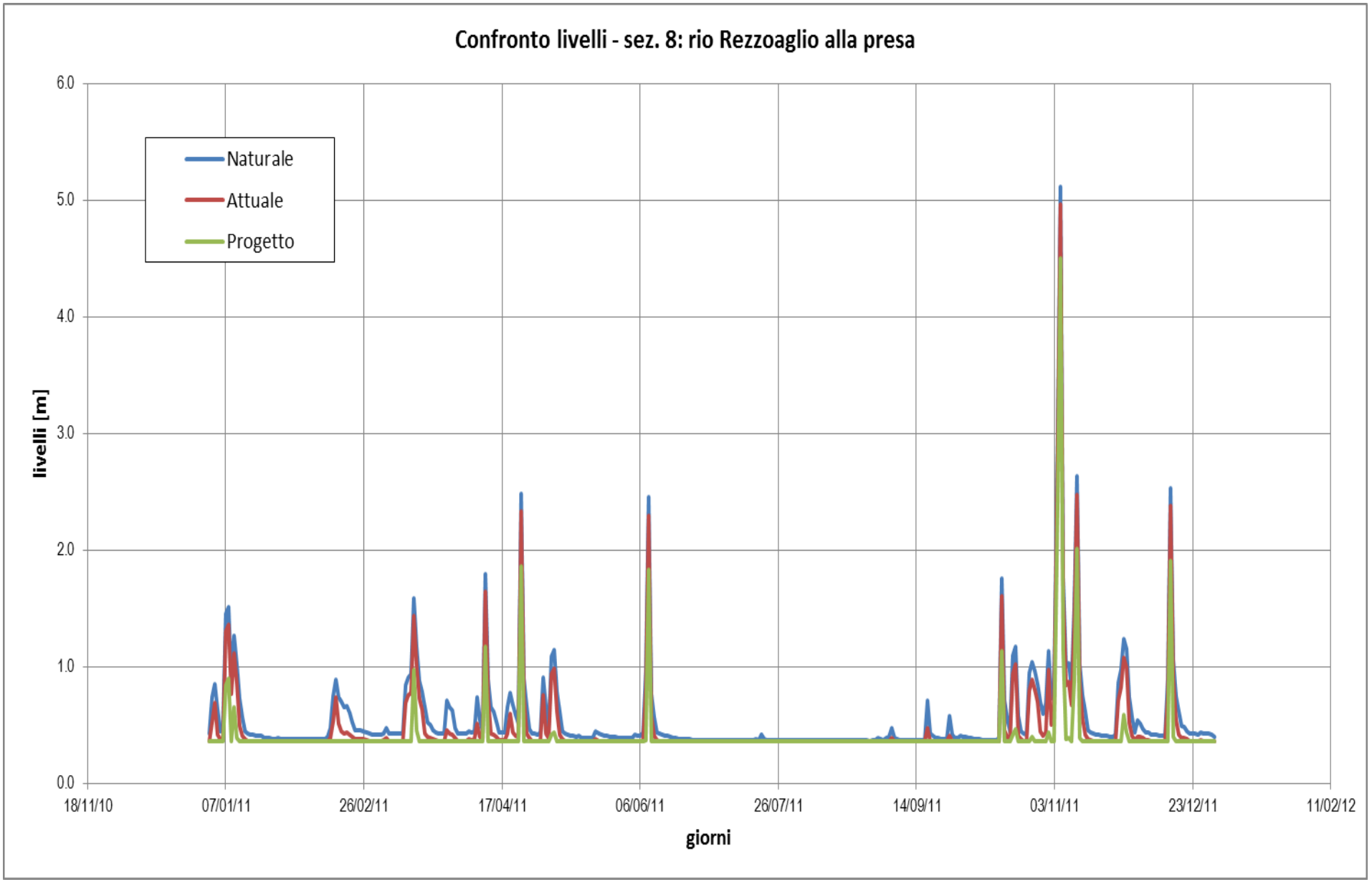

Confronto livelli - sez. 4: rio Rezzoaglio valle confluenze
Naturale
Attuale
Progetto
livelli [m]
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
18/11/10
07/01/11
26/02/11
17/04/11
06/06/11
26/07/11
14/09/11
03/11/11
23/12/11
11/02/12
giorni

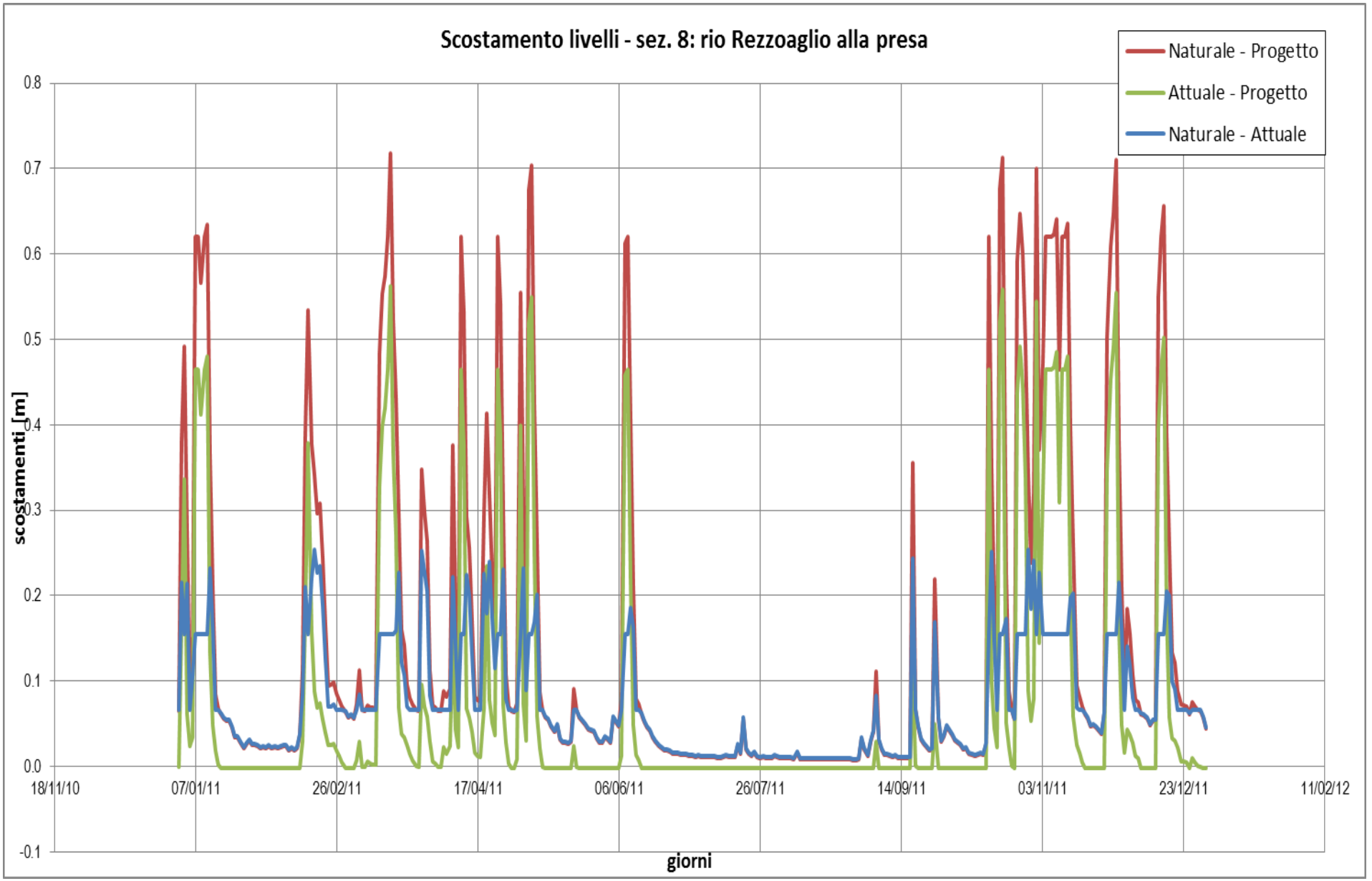

Scostamento livelli - sez. 4: rio Rezzoaglio valle confluenze
Naturale - Attuale
Naturale - Progetto
Attuale - Progetto
scostamento [m]
0.6
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
18/11/10
07/01/11
26/02/11
17/04/11
06/06/11
26/07/11
14/09/11
03/11/11
23/12/11
11/02/12
giorni

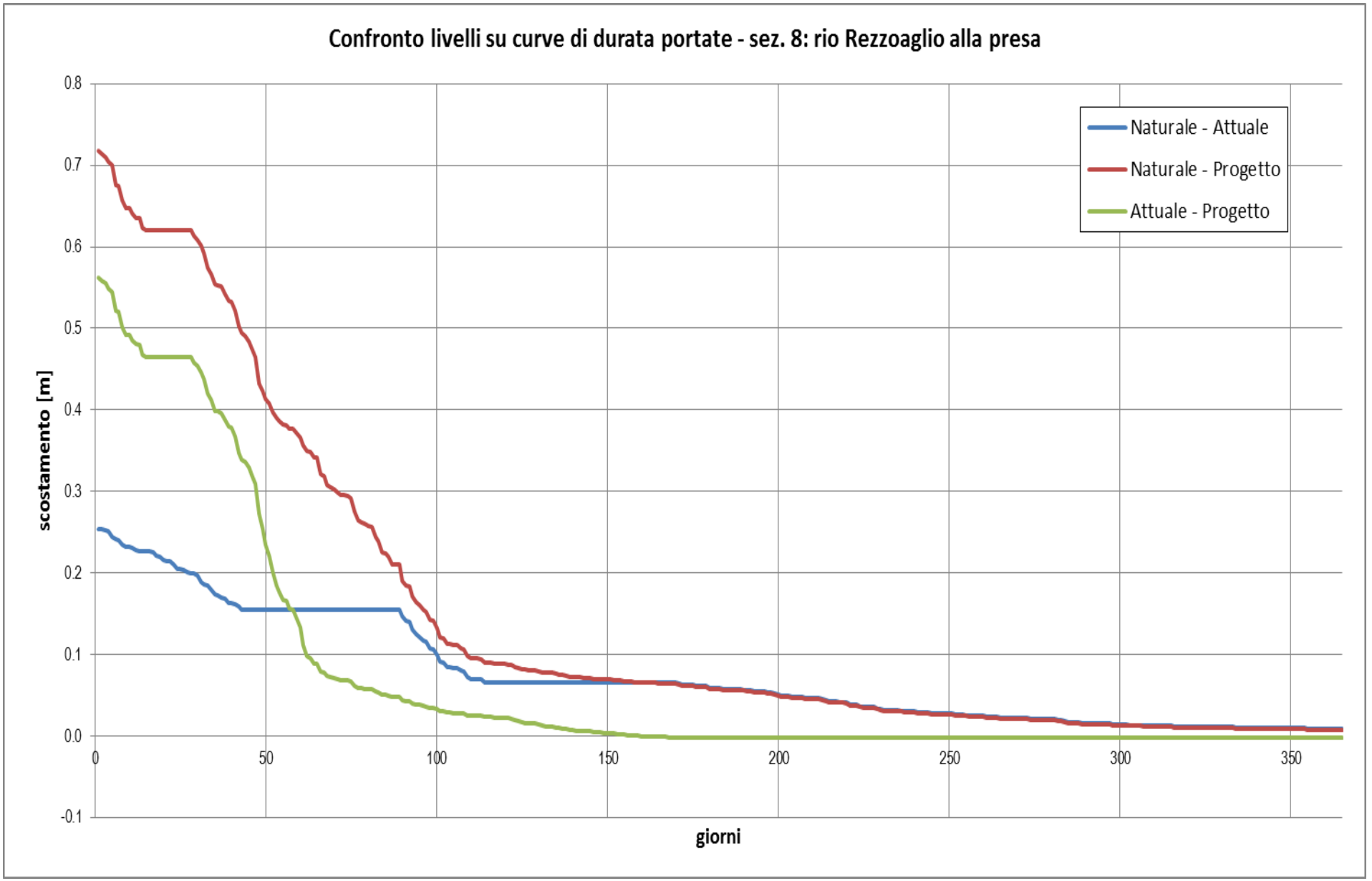

Confronto livelli su curve di durata portate - sez. 4: rio Rezzoaglio valle confluenze
0.6
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
scostamento [m]
0
50
100
150
200
250
300
350
giorni
Naturale - Attuale
Naturale - Progetto
Attuale - Progetto

REZZOAGLIO 08

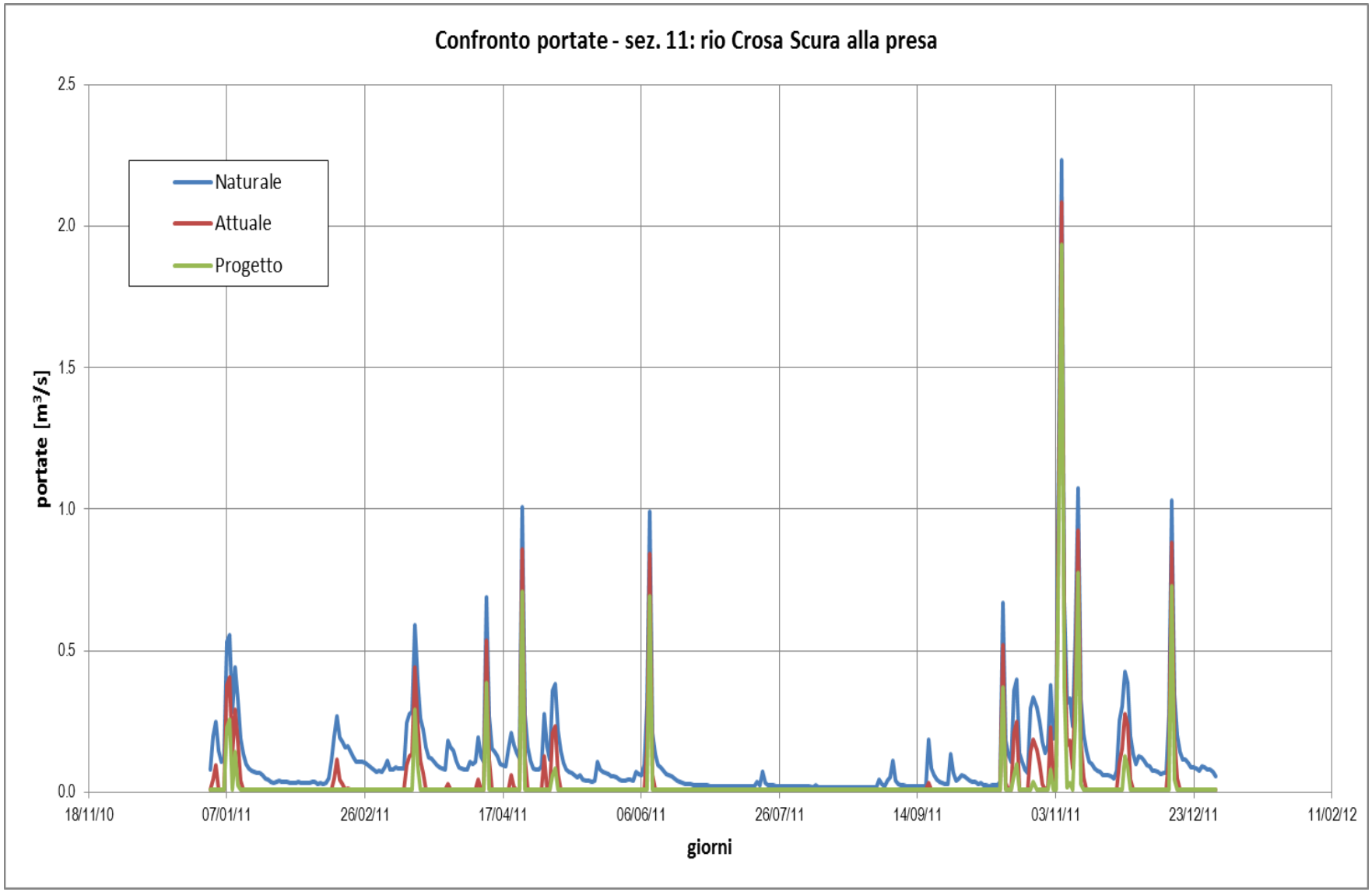


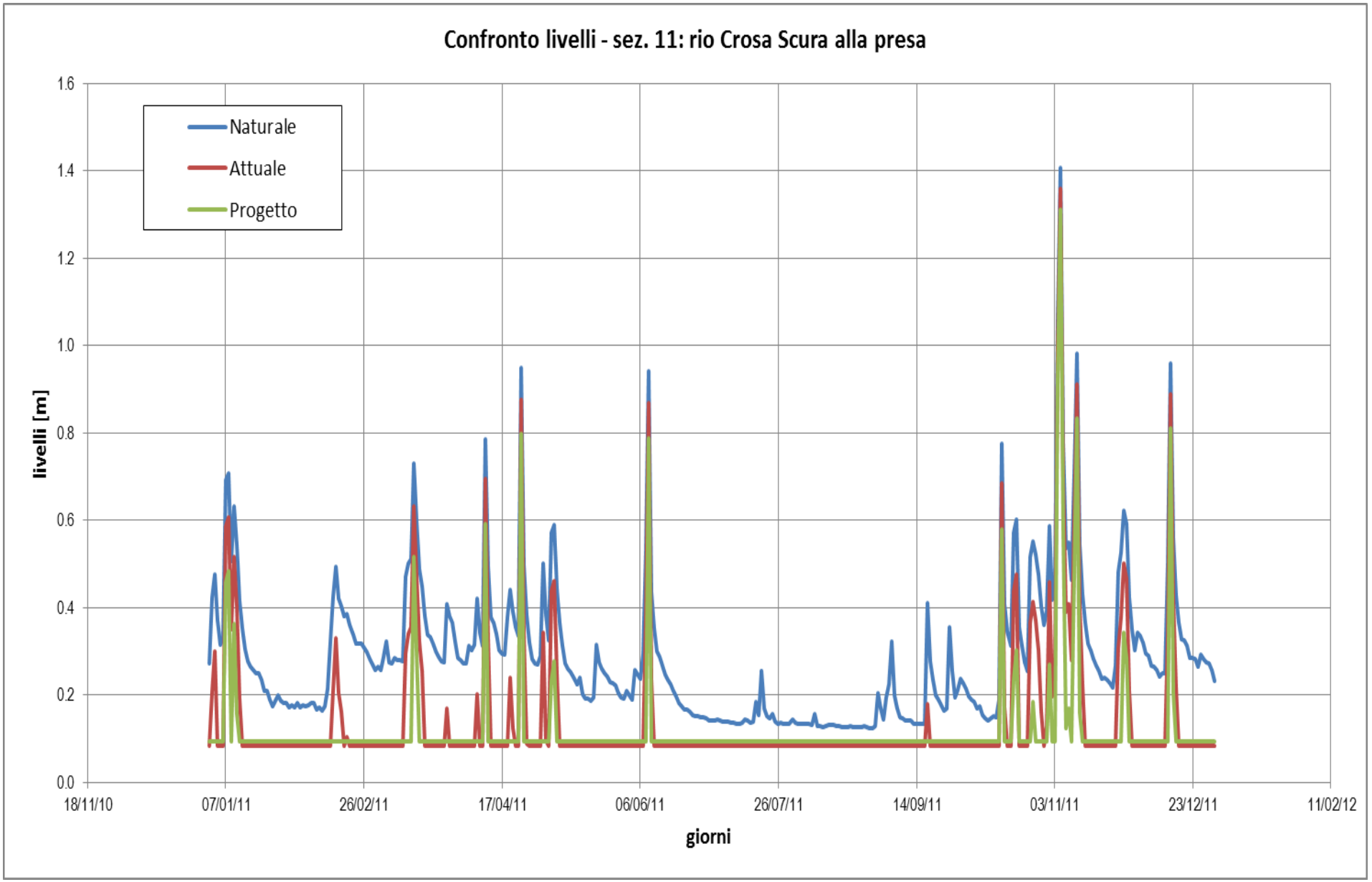

Confronto livelli - sez. 8: rio Rezzoaglio alla presa
Naturale
Attuale
Progetto
livelli [m]
6.0
5.0
4.0
3.0
2.0
1.0
0.0
18/11/10
07/01/11
26/02/11
17/04/11
06/06/11
26/07/11
14/09/11
03/11/11
23/12/11
11/02/12
giorni

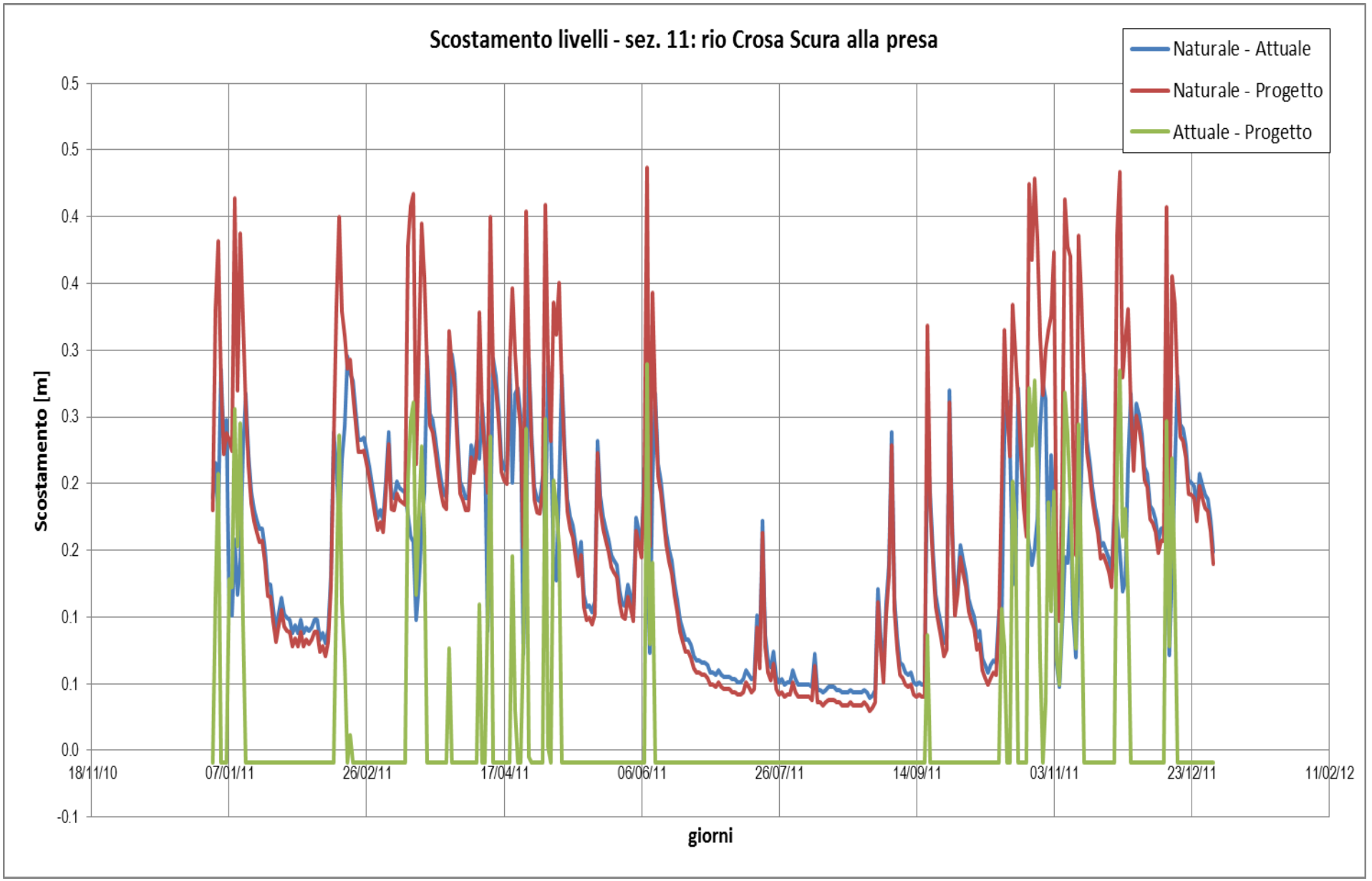

Scostamento livelli - sez. 8: rio Rezzoaglio alla presa
Naturale - Progetto
Attuale - Progetto
Naturale - Attuale
scostamenti [m]
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
18/11/10
07/01/11
26/02/11
17/04/11
06/06/11
26/07/11
14/09/11
03/11/11
23/12/11
11/02/12
giorni

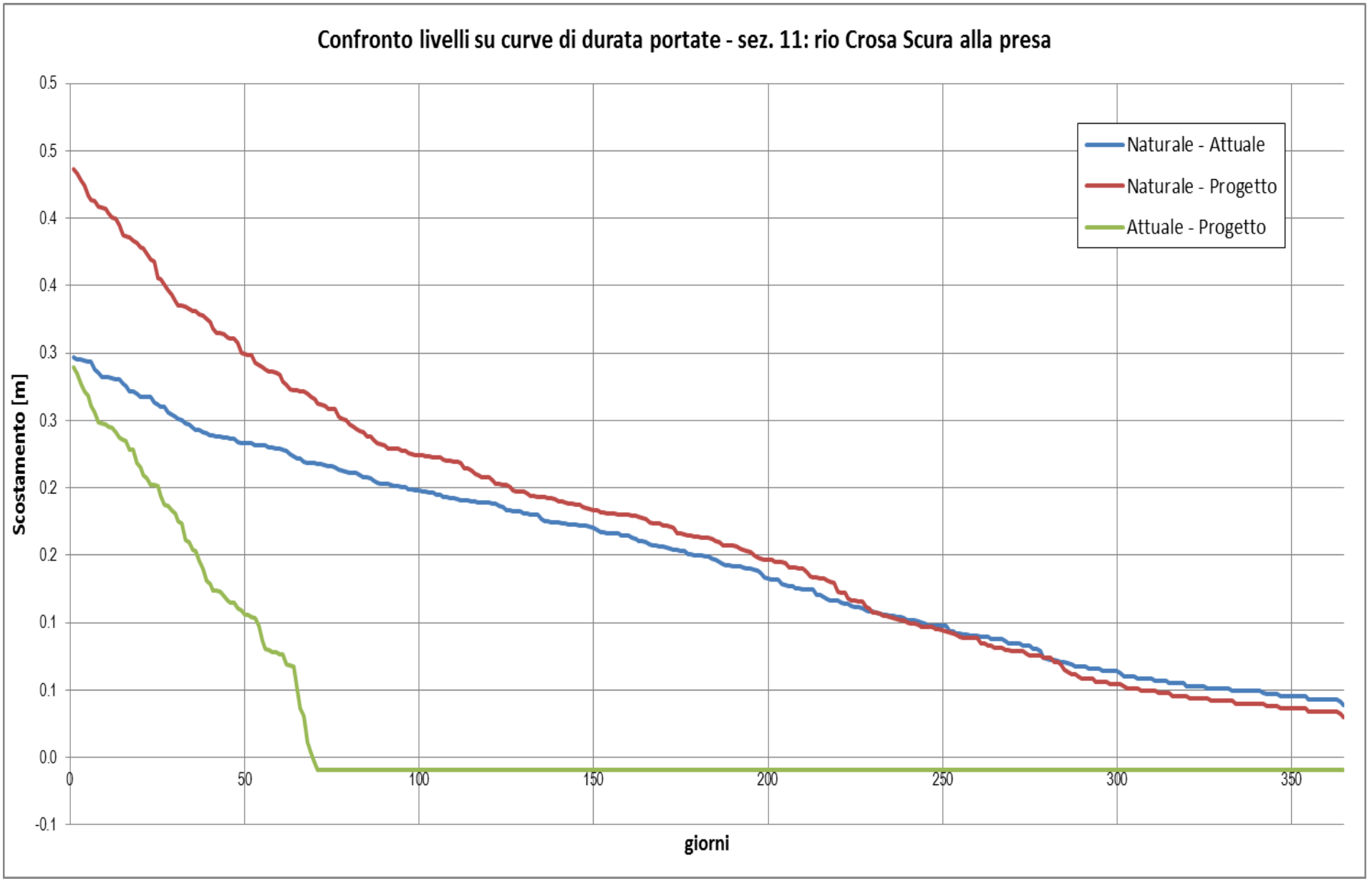

Confronto livelli su curve di durata portate - sez. 8: rio Rezzoaglio alla presa
scostamento [m]
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
-0.1
0
50
100
150
200
250
300
350
giorni
Naturale - Attuale
Naturale - Progetto
Attuale - Progetto

CROSA SCURA 11



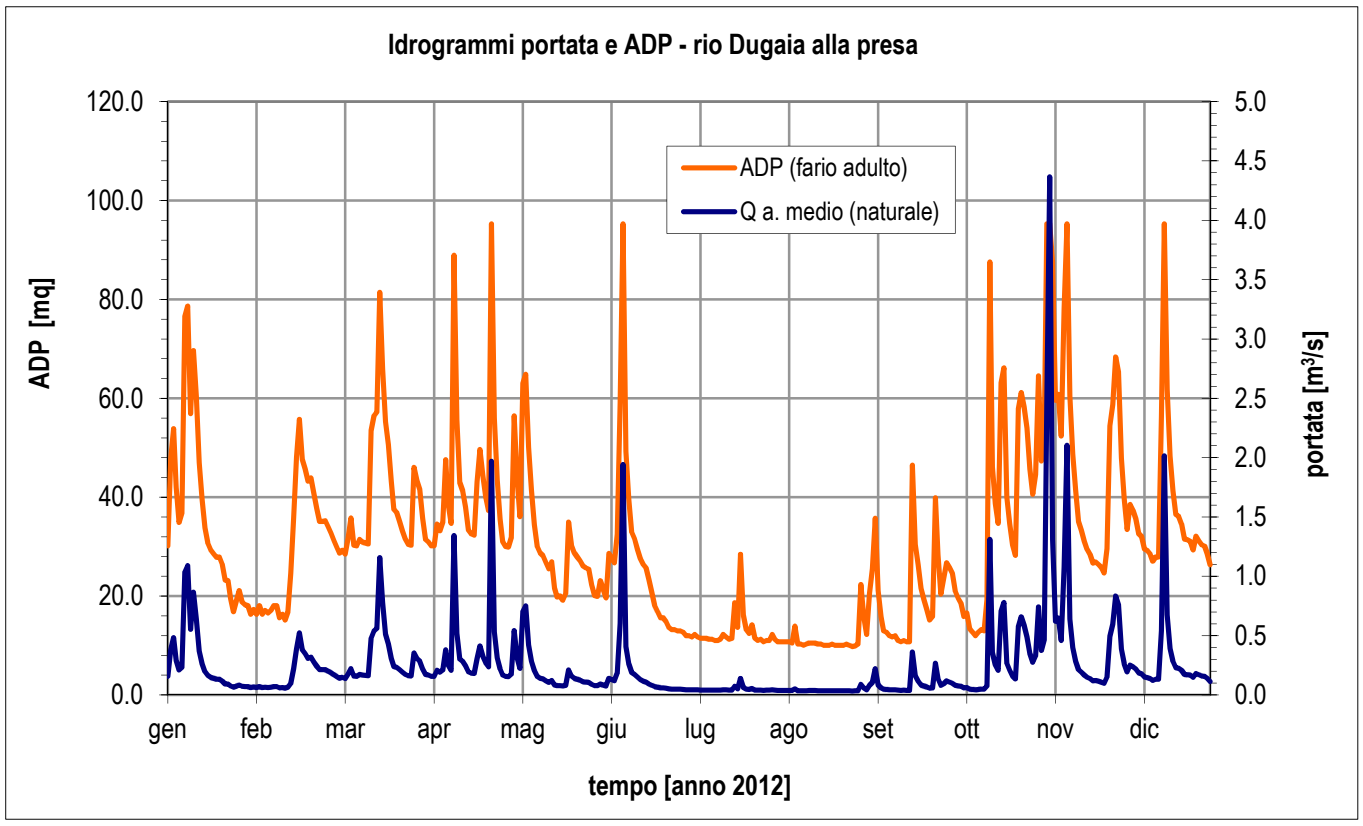

Confronto livelli - sez. 11: rio Crosa Scura alla presa
Naturale
Attuale
Progetto
livelli [m]
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
18/11/10
07/01/11
26/02/11
17/04/11
06/06/11
26/07/11
14/09/11
03/11/11
23/12/11
11/02/12
giorni

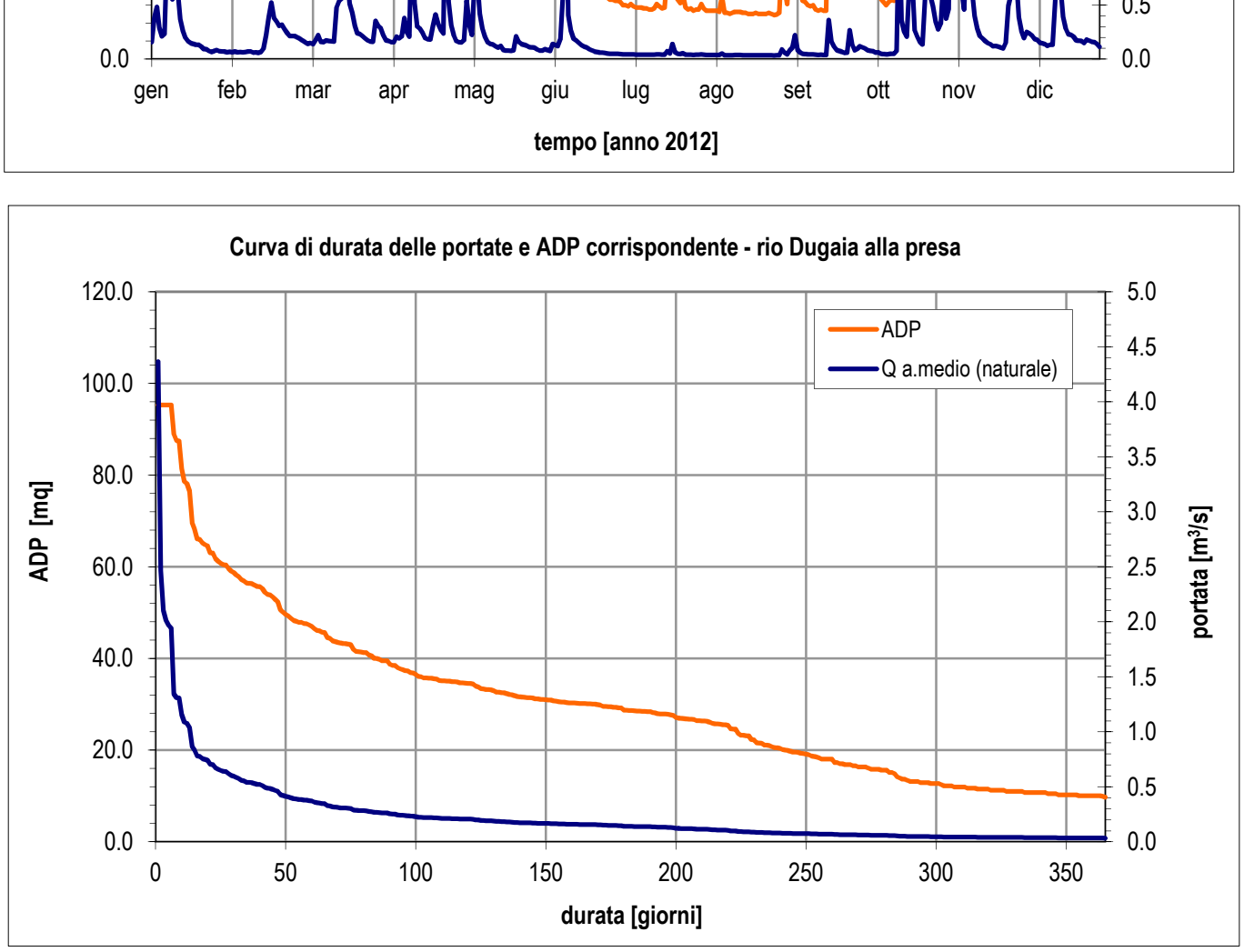

Scostamento livelli - sez. 11: rio Crosa Scura alla presa
Naturale - Attuale
Naturale - Progetto
Attuale - Progetto
Scostamento [m]
0.5
0.5
0.4
0.4
0.3
0.3
0.2
0.2
0.1
0.1
0.0
-0.1
18/11/10
07/01/11
26/02/11
17/04/11
06/06/11
26/07/11
14/09/11
03/11/11
23/12/11
11/02/12
giorni

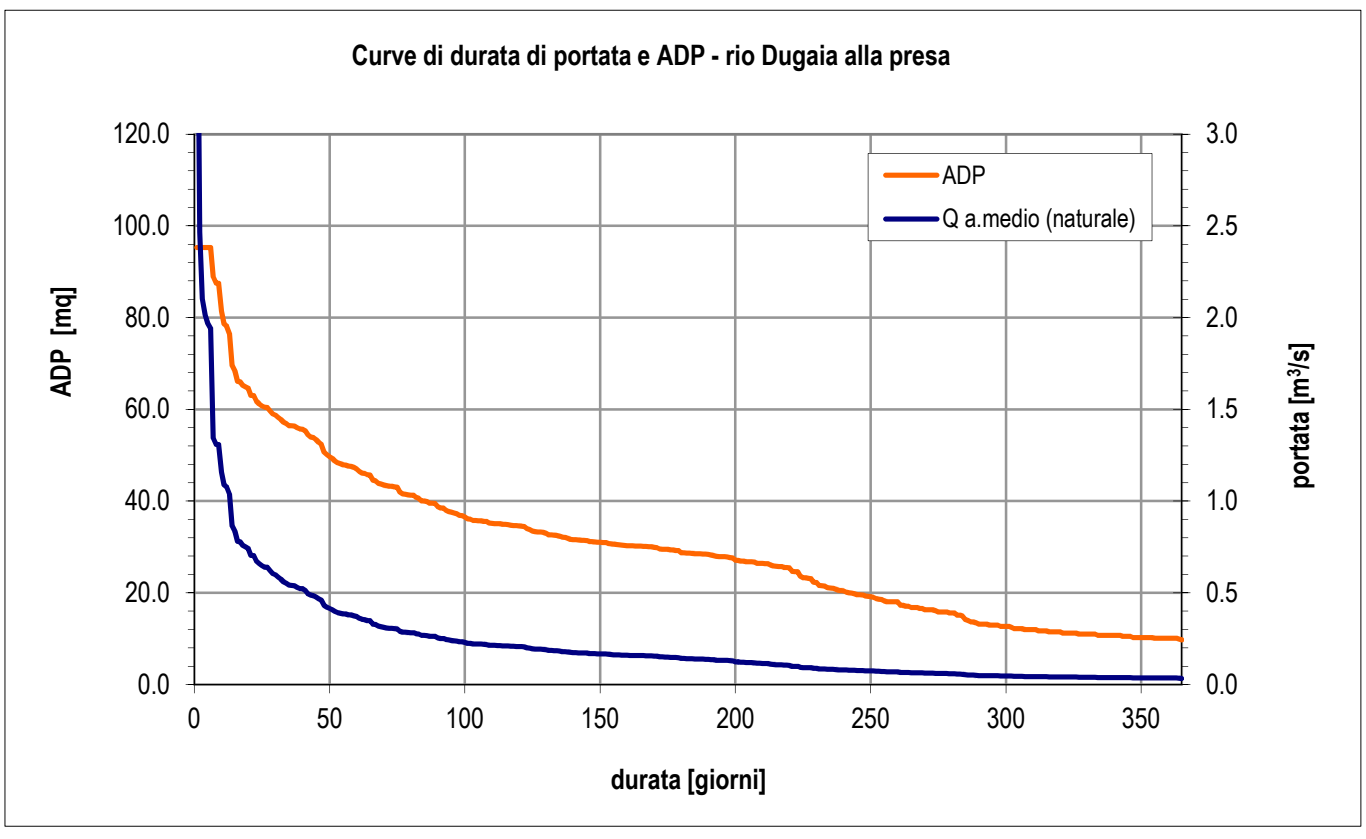

Confronto livelli su curve di durata portate - sez. 11: rio Crosa Scura alla presa
Scostamento [m]
0.5
0.5
0.4
0.4
0.3
0.3
0.2
0.2
0.1
0.1
0.0
-0.1
0
50
100
150
200
250
300
350
giorni
Naturale - Attuale
Naturale - Progetto
Attuale - Progetto

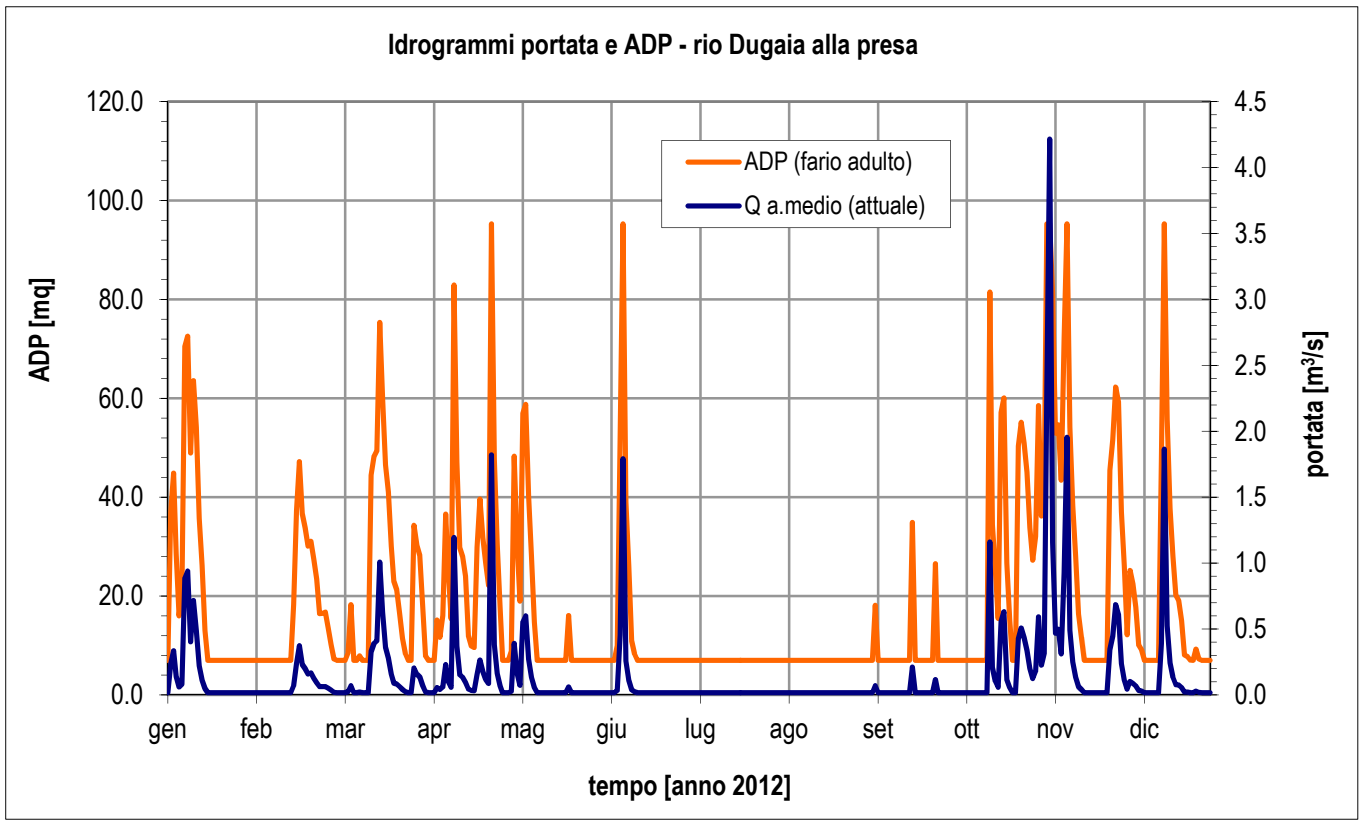
ALLEGATO 2 – Andamenti giornalieri e curve di durata delle ADP (Aree Disponibili Ponderate – m^2) negli scenari naturale, attuale e di progetto.

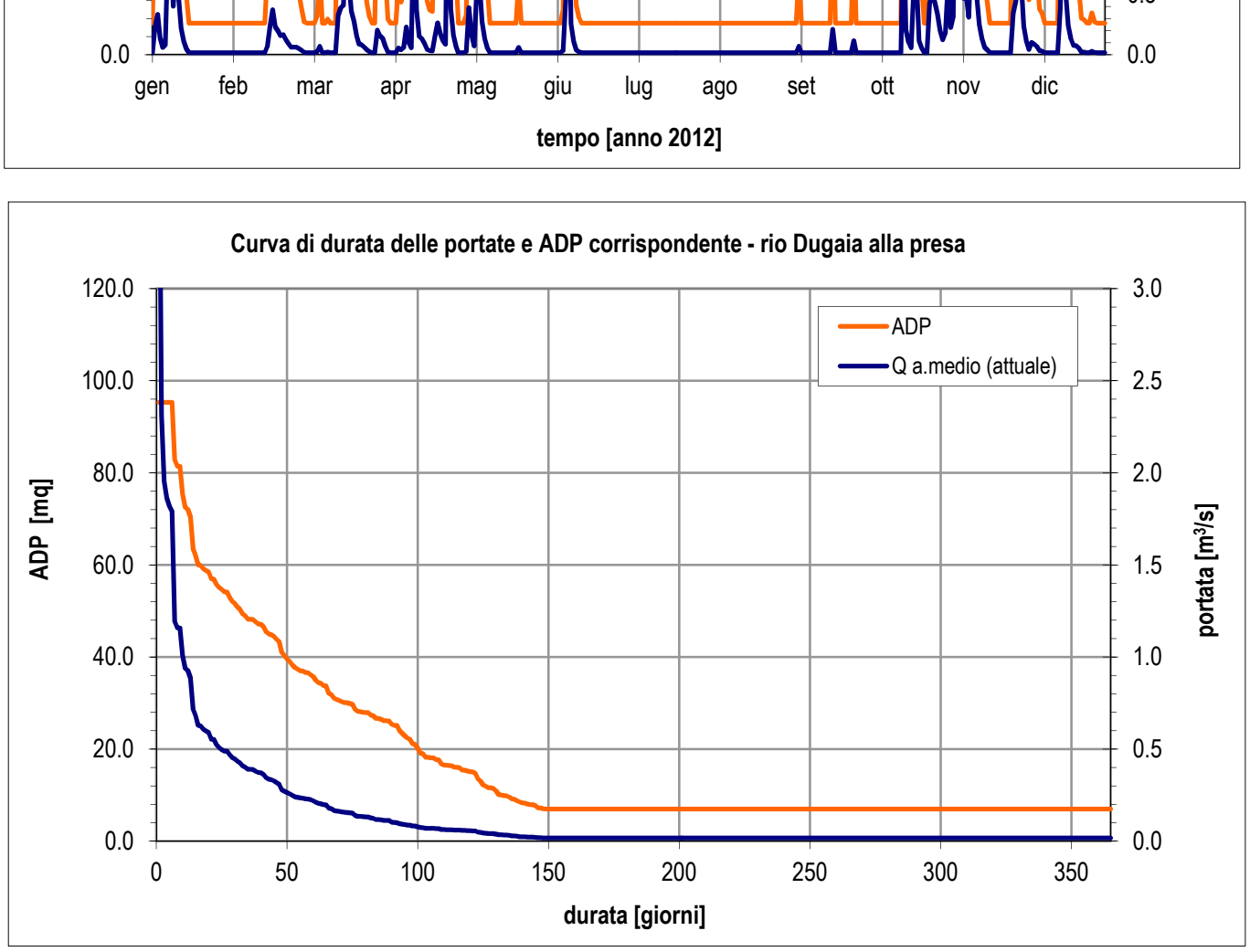
2.1 Dugaia 02

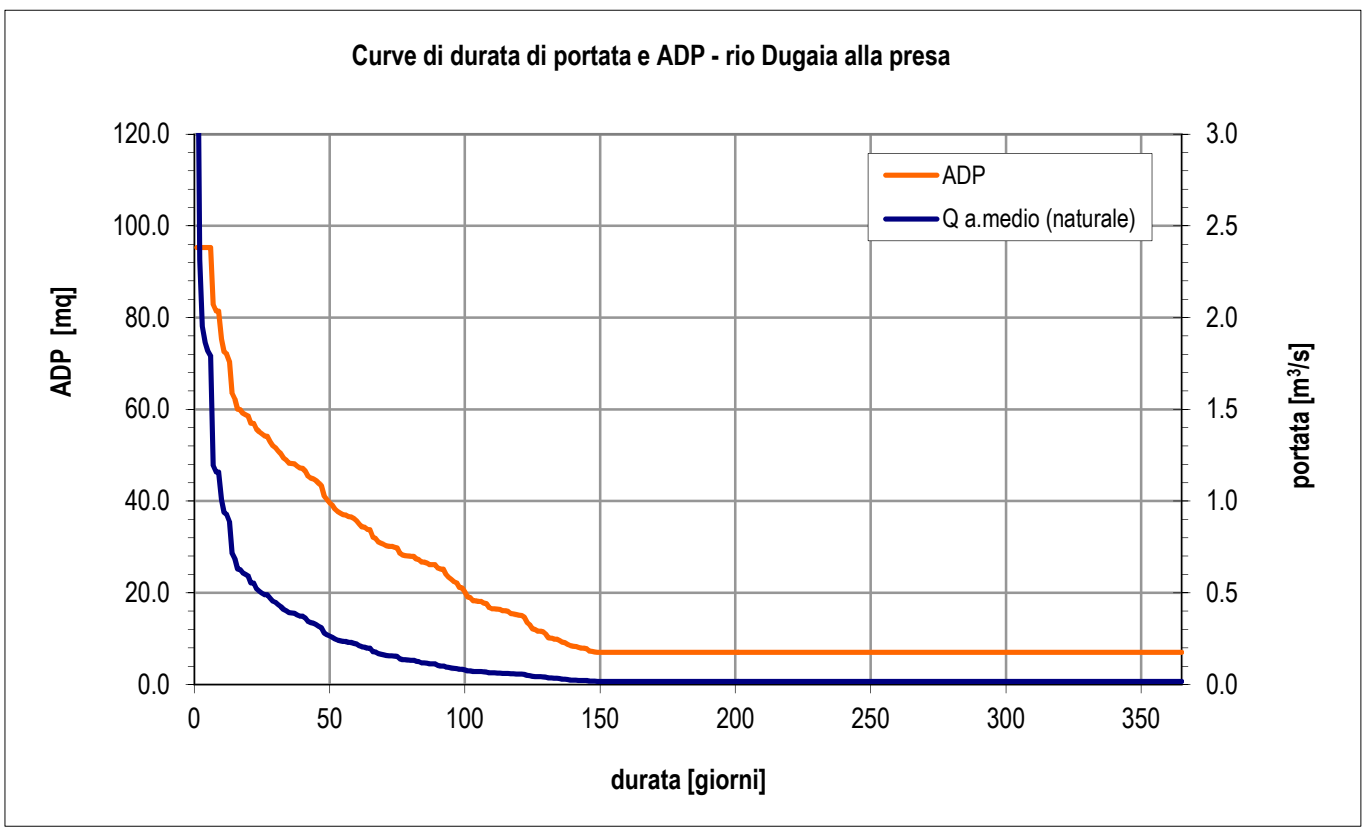

Idrogrammi portata e ADP - rio Dugaia alla presa
ADP (fario adulto)
Q a. medio (naturale)
ADP [mq]
portata [m³/s]
120.0
100.0
80.0
60.0
40.0
20.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

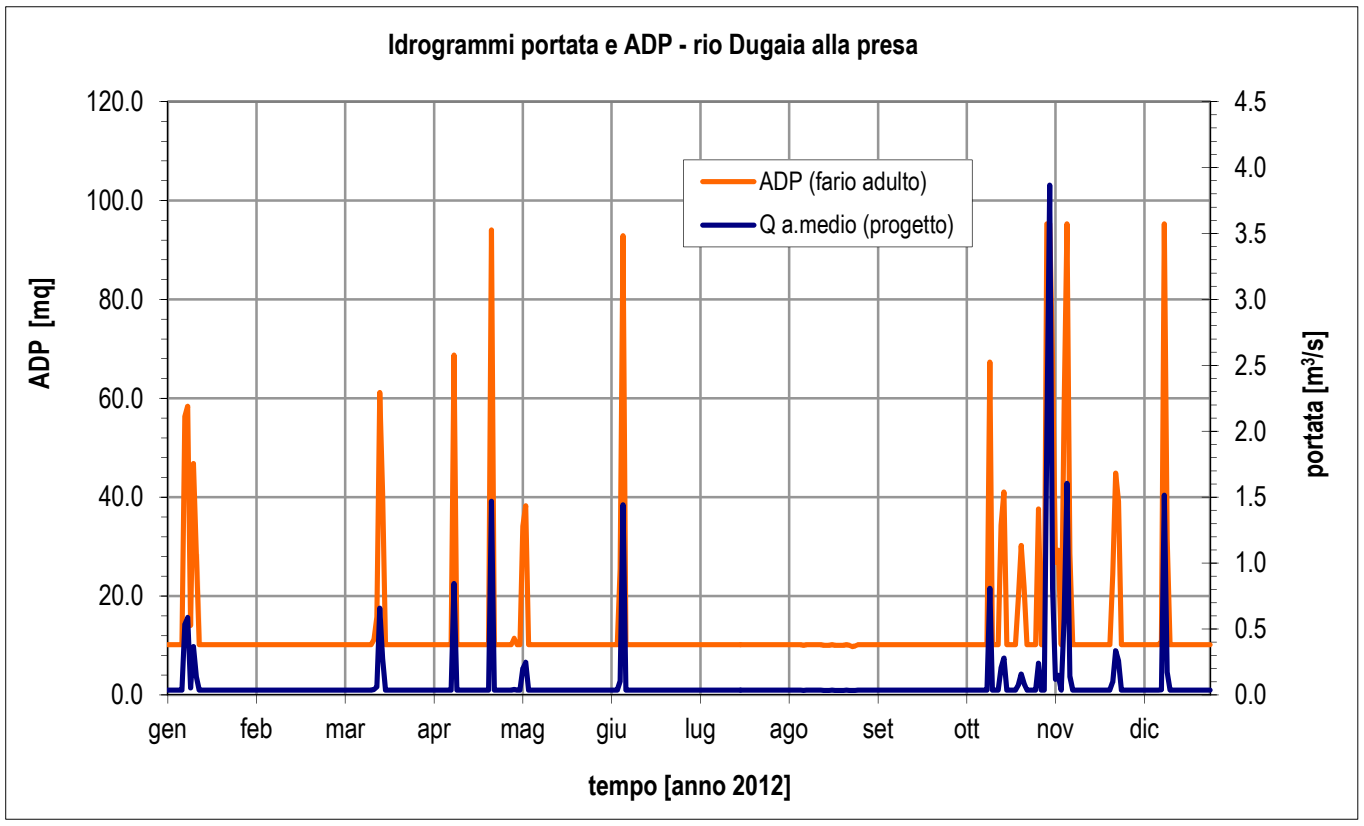

Curva di durata delle portate e ADP corrispondente - rio Dugaia alla presa
ADP
Q a.medio (naturale)
ADP [mq]
portata [m³/s]
120.0
100.0
80.0
60.0
40.0
20.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

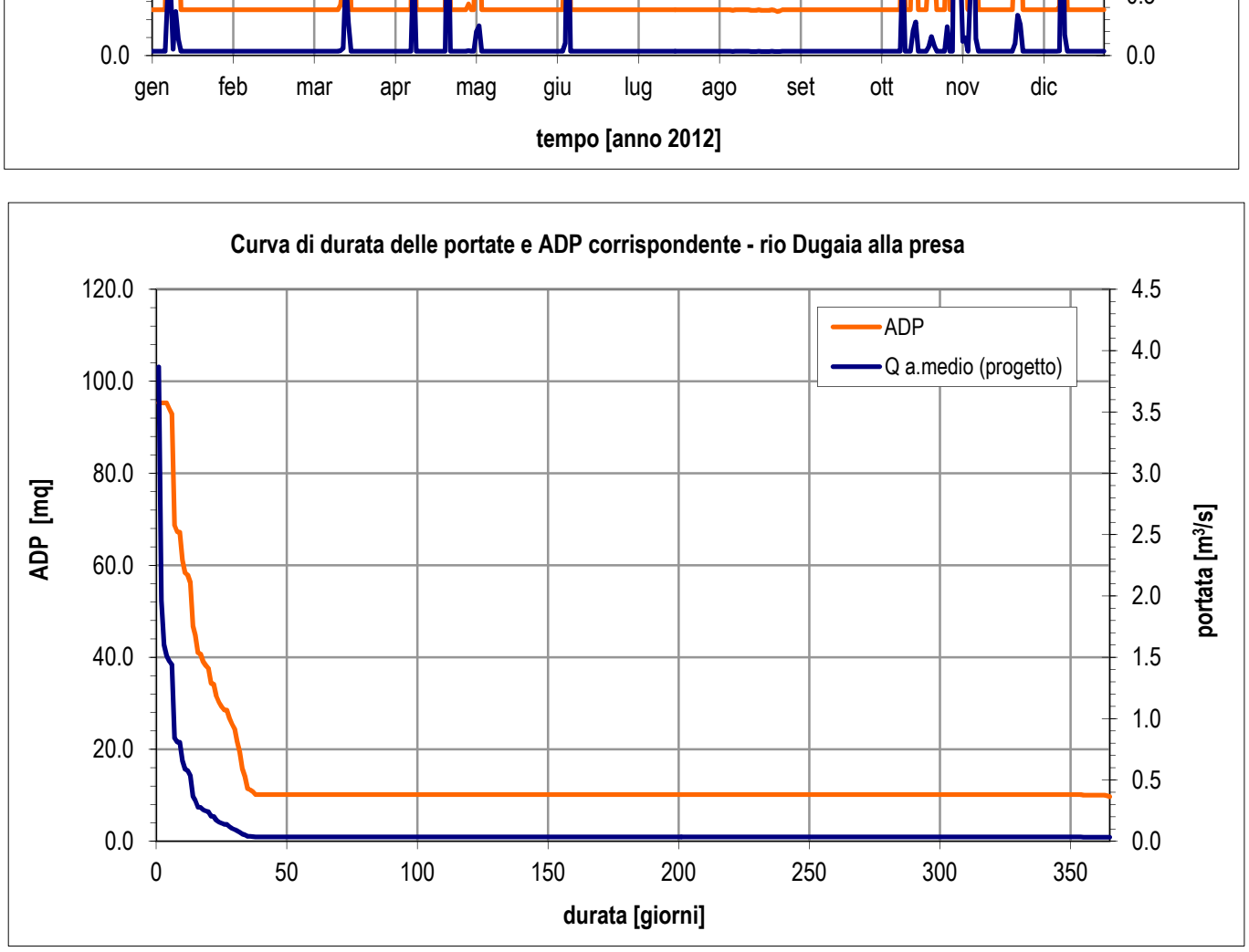

Curve di durata di portata e ADP - rio Dugaia alla presa
ADP
Q a.medio (naturale)
ADP [mq]
portata [m³/s]
120.0
100.0
80.0
60.0
40.0
20.0
0.0
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

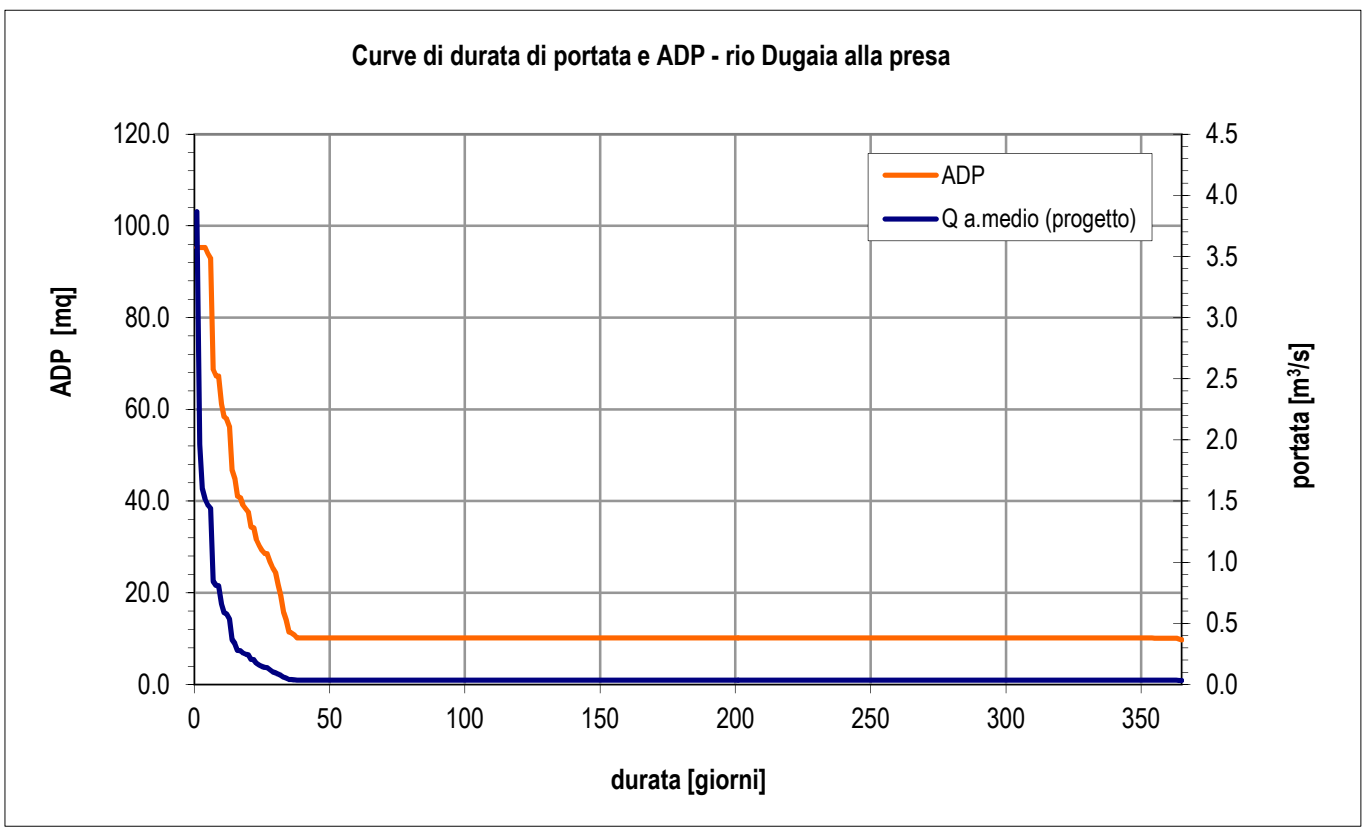

Idrogrammi portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP (fario adulto)
Q a.medio (attuale)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

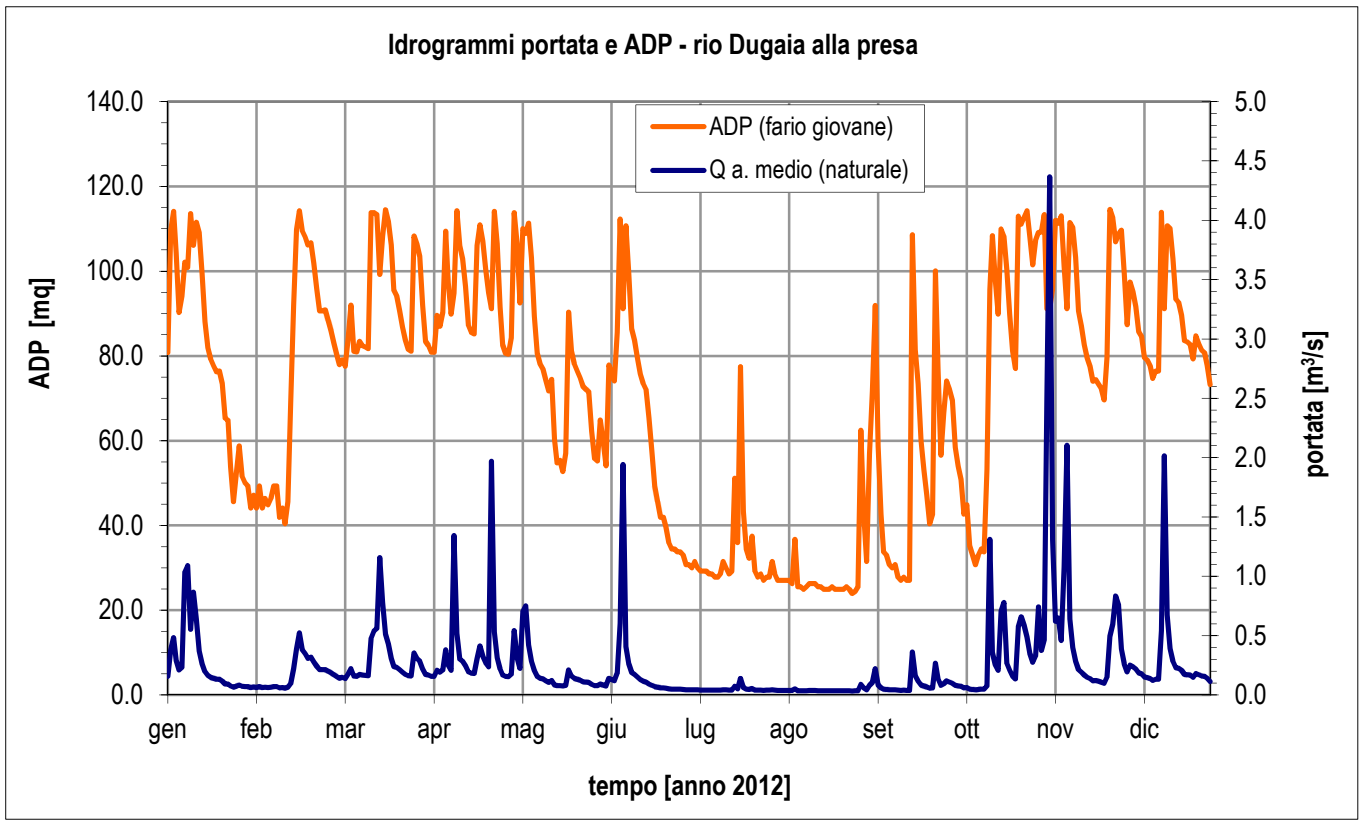

Curva di durata delle portate e ADP corrispondente - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

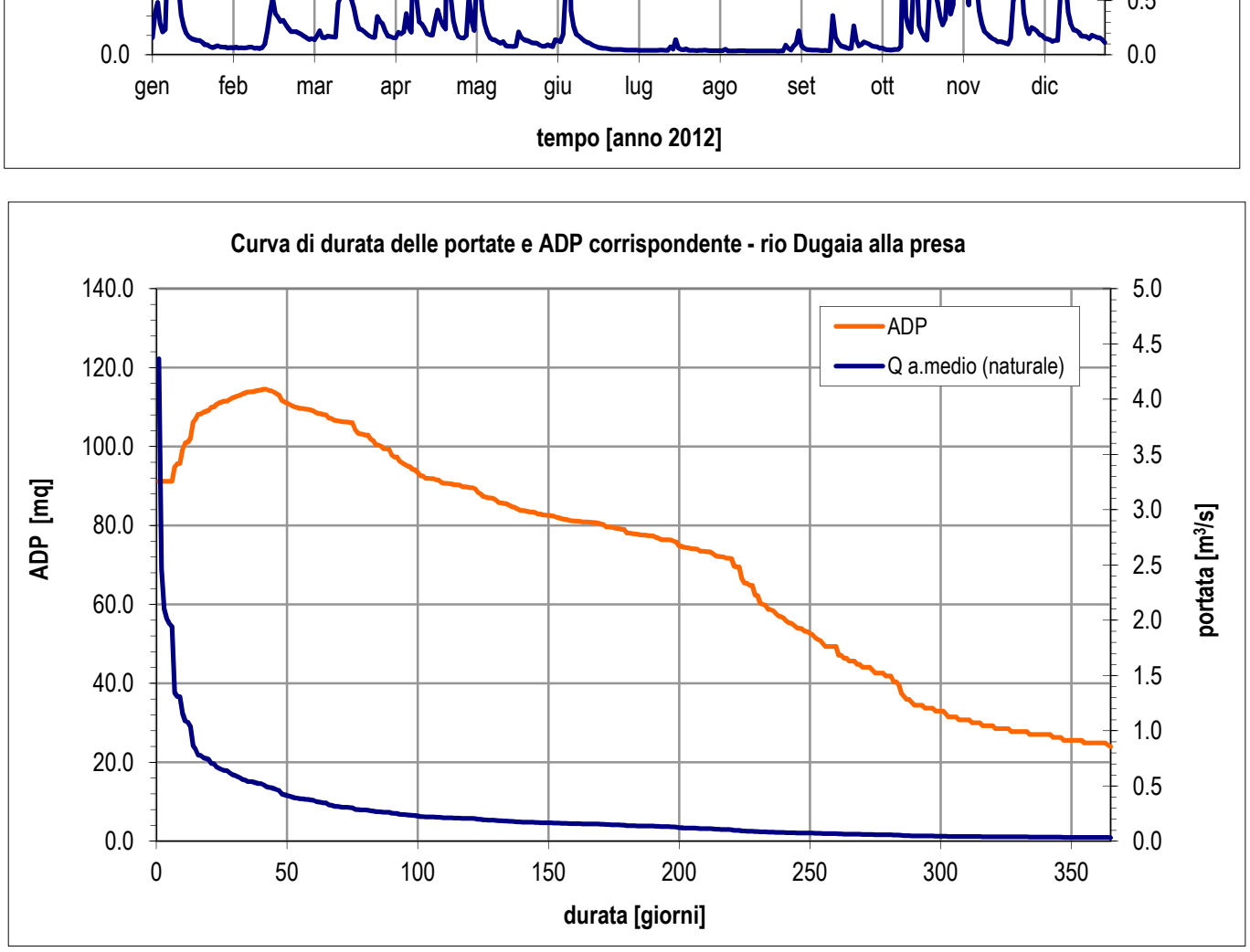

Curve di durata di portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

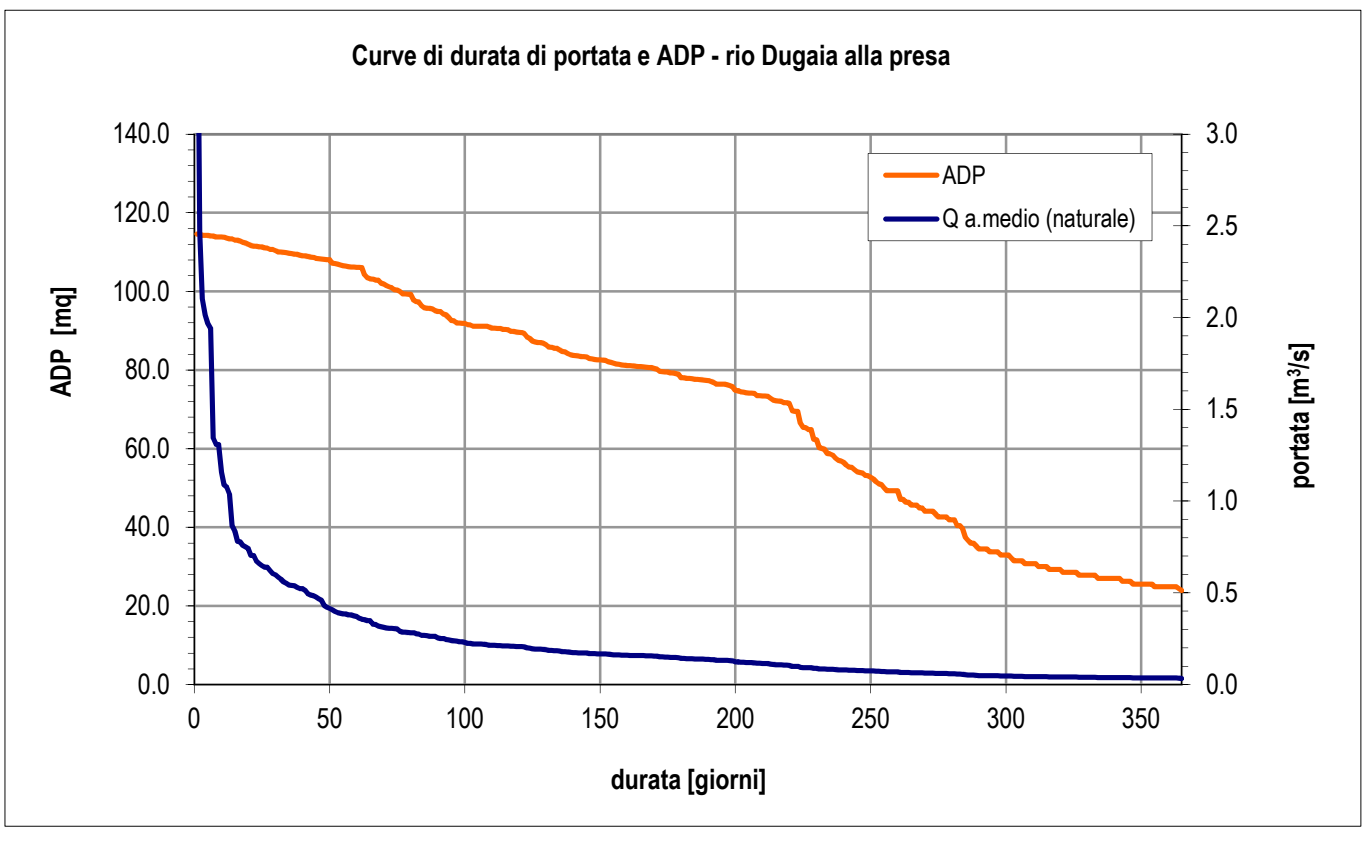

Idrogrammi portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP (fario adulto)
Q a.medio (progetto)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

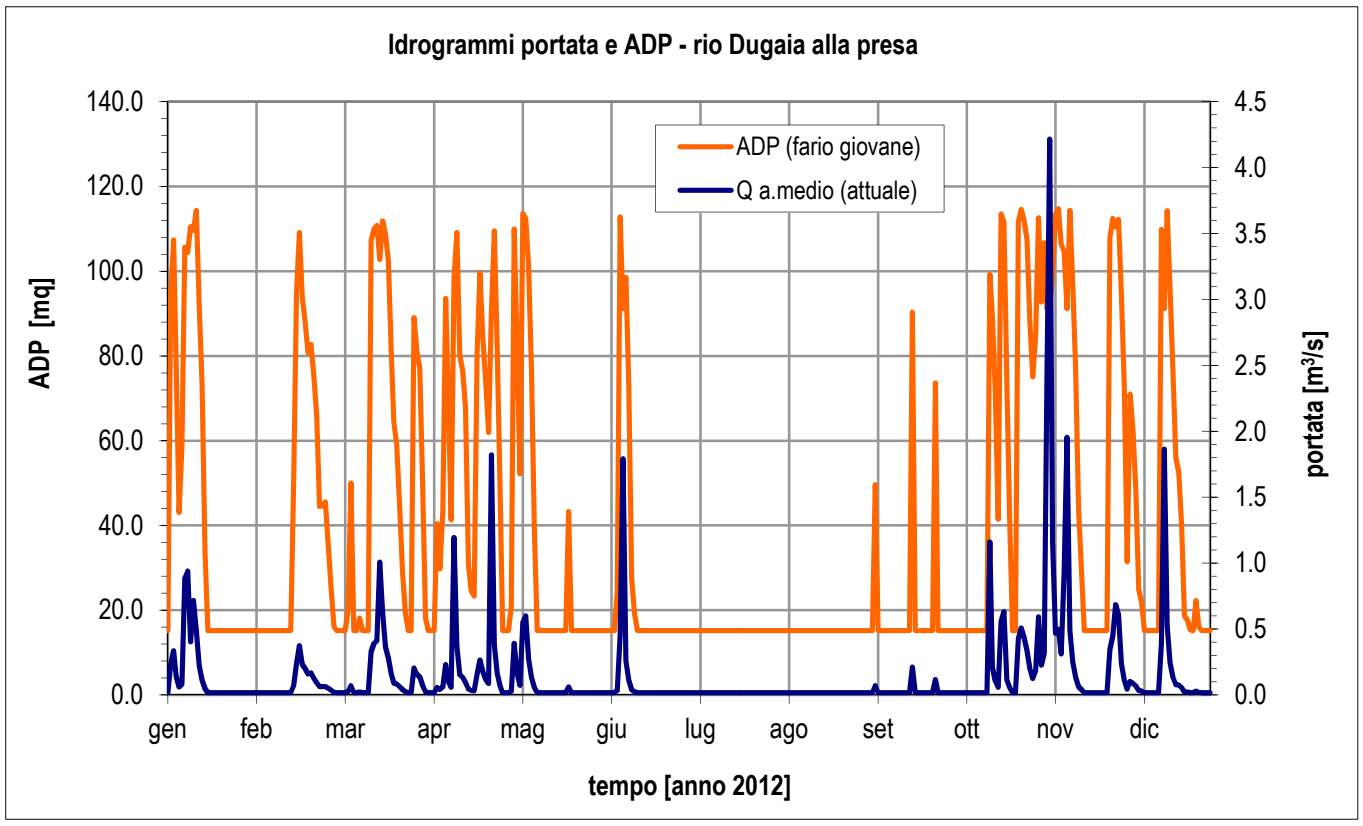

Curva di durata delle portate e ADP corrispondente - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

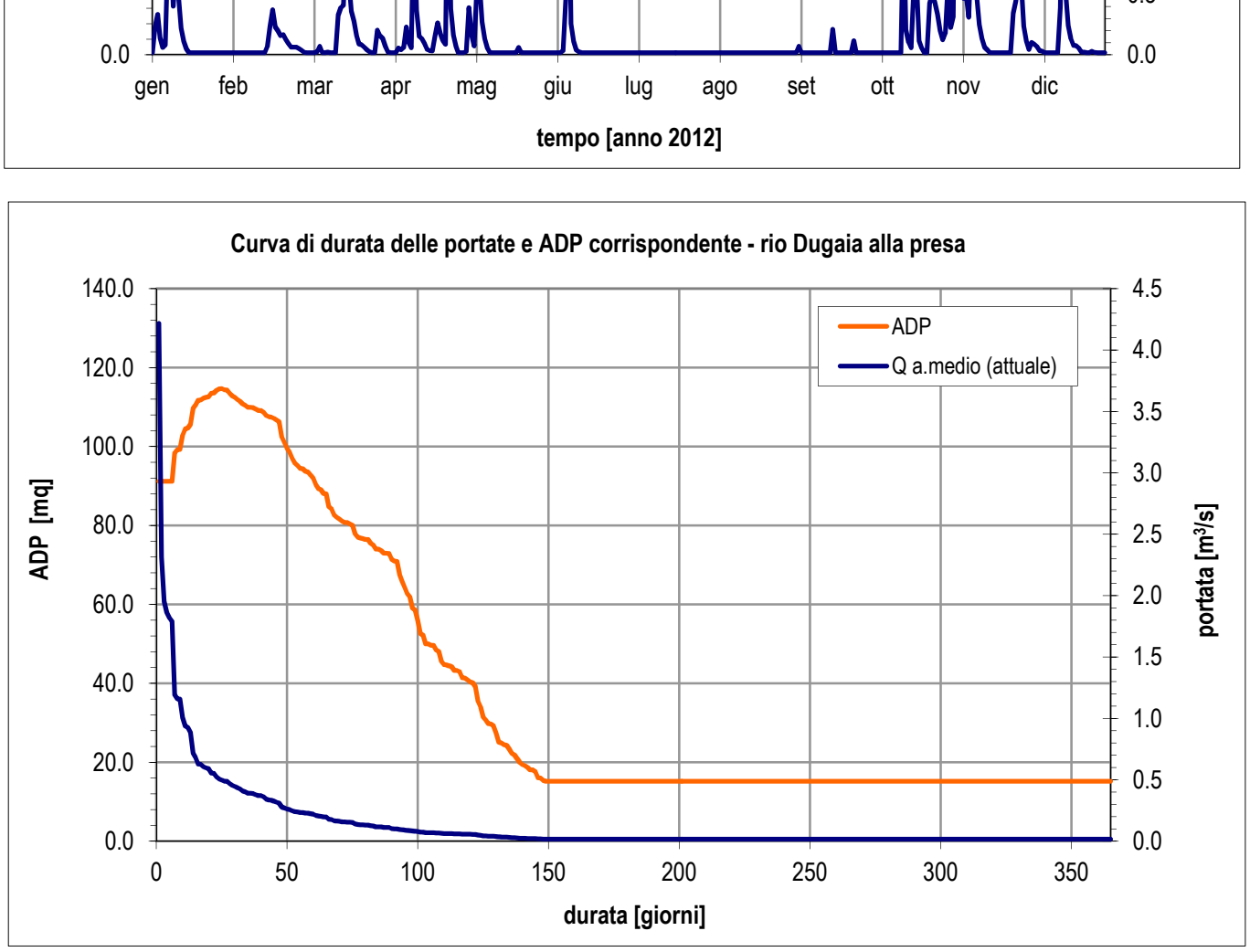

Curve di durata di portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

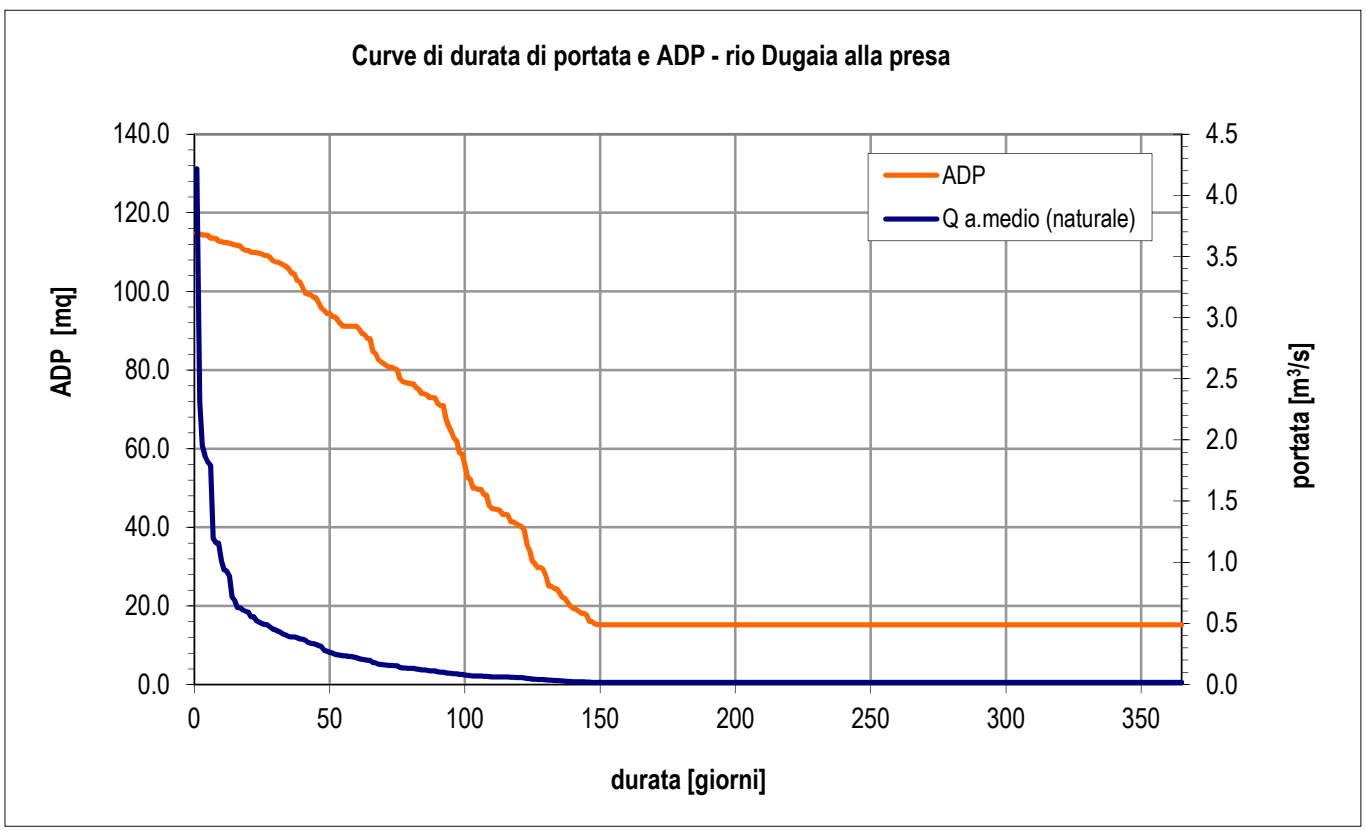

Idrogrammi portata e ADP - rio Dugaia alla presa
ADP (fario giovane)
Q a. medio (naturale)
ADP [mq]
portata [m³/s]
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

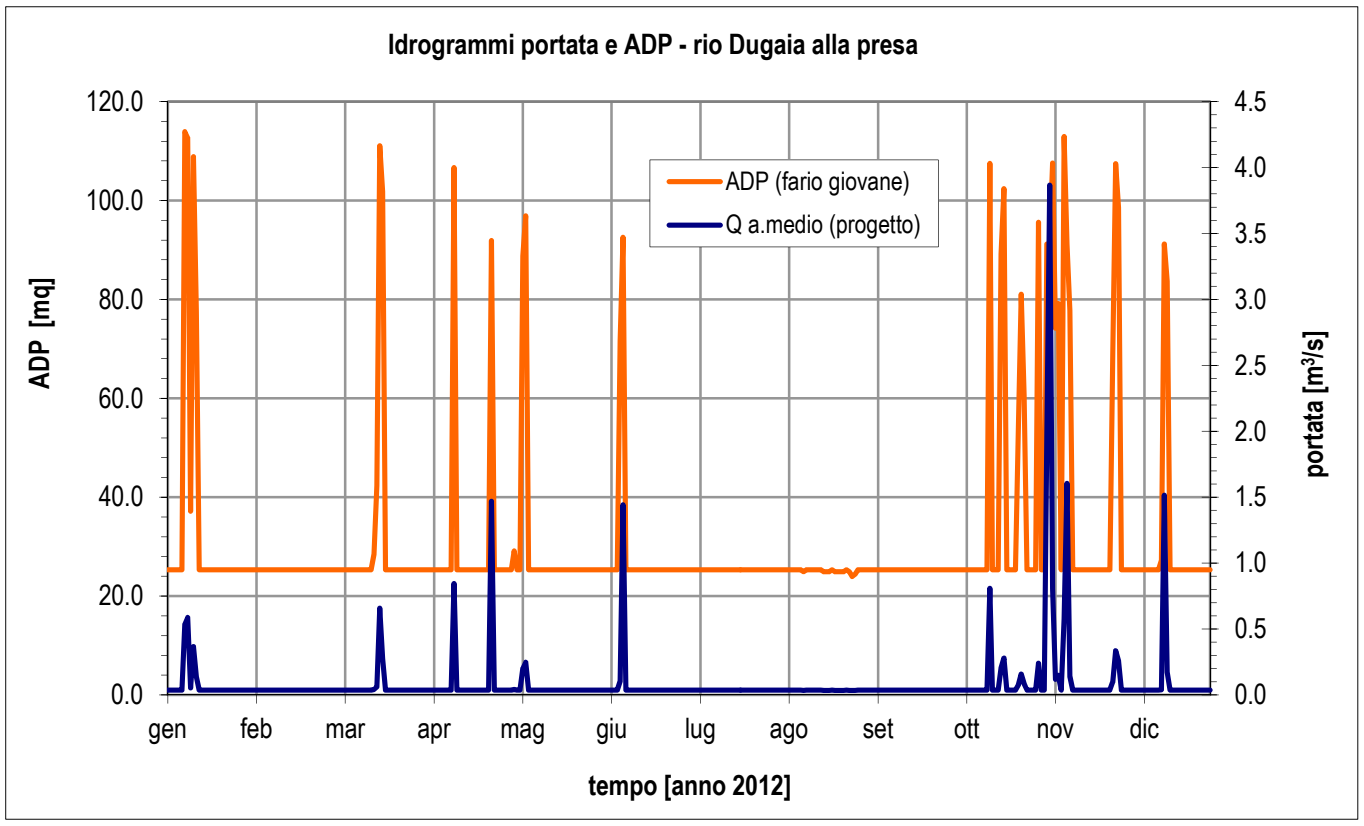

Curva di durata delle portate e ADP corrispondente - rio Dugaia alla presa
ADP
Q a.medio (naturale)
ADP [mq]
portata [m³/s]
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

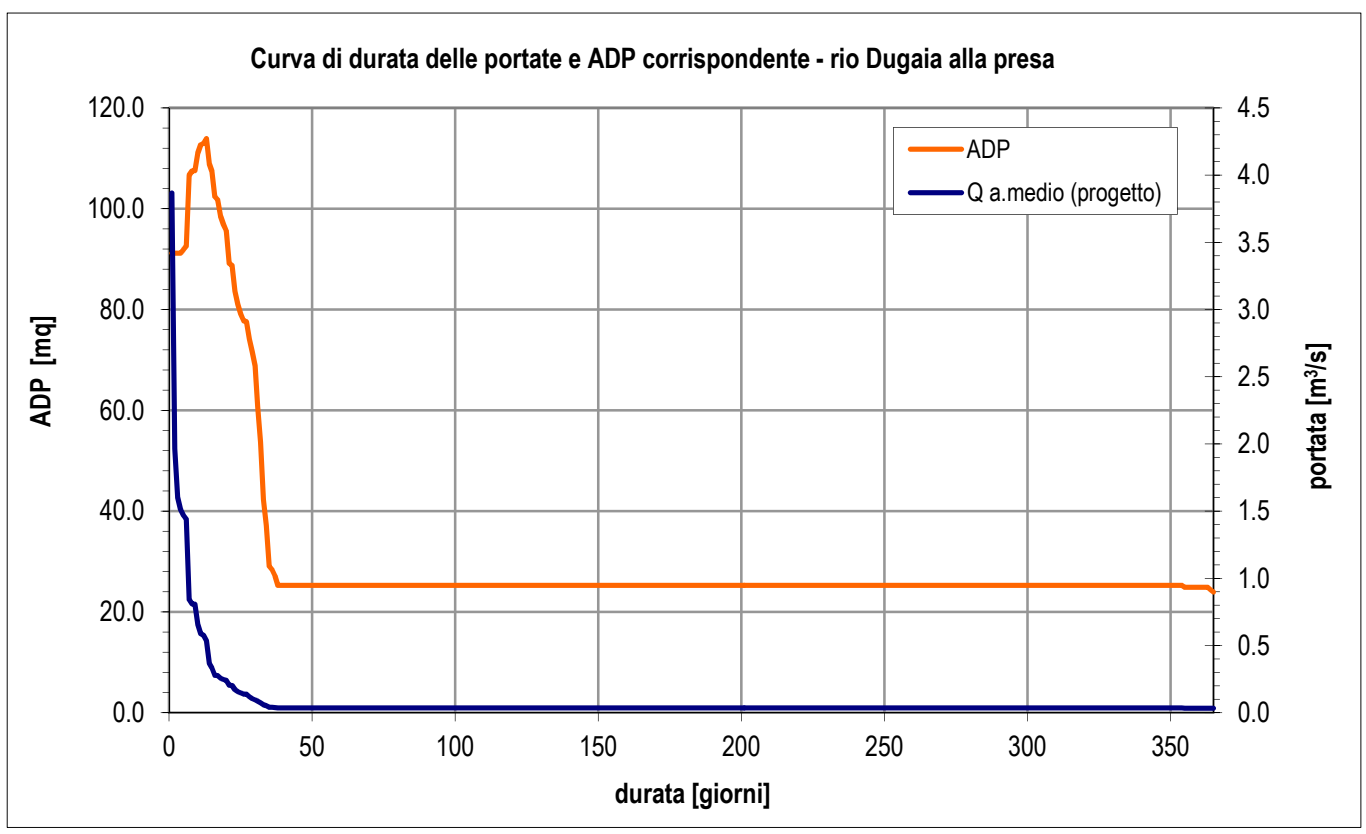

Curve di durata di portata e ADP - rio Dugaia alla presa
ADP
Q a.medio (naturale)
ADP [mq]
portata [m³/s]
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

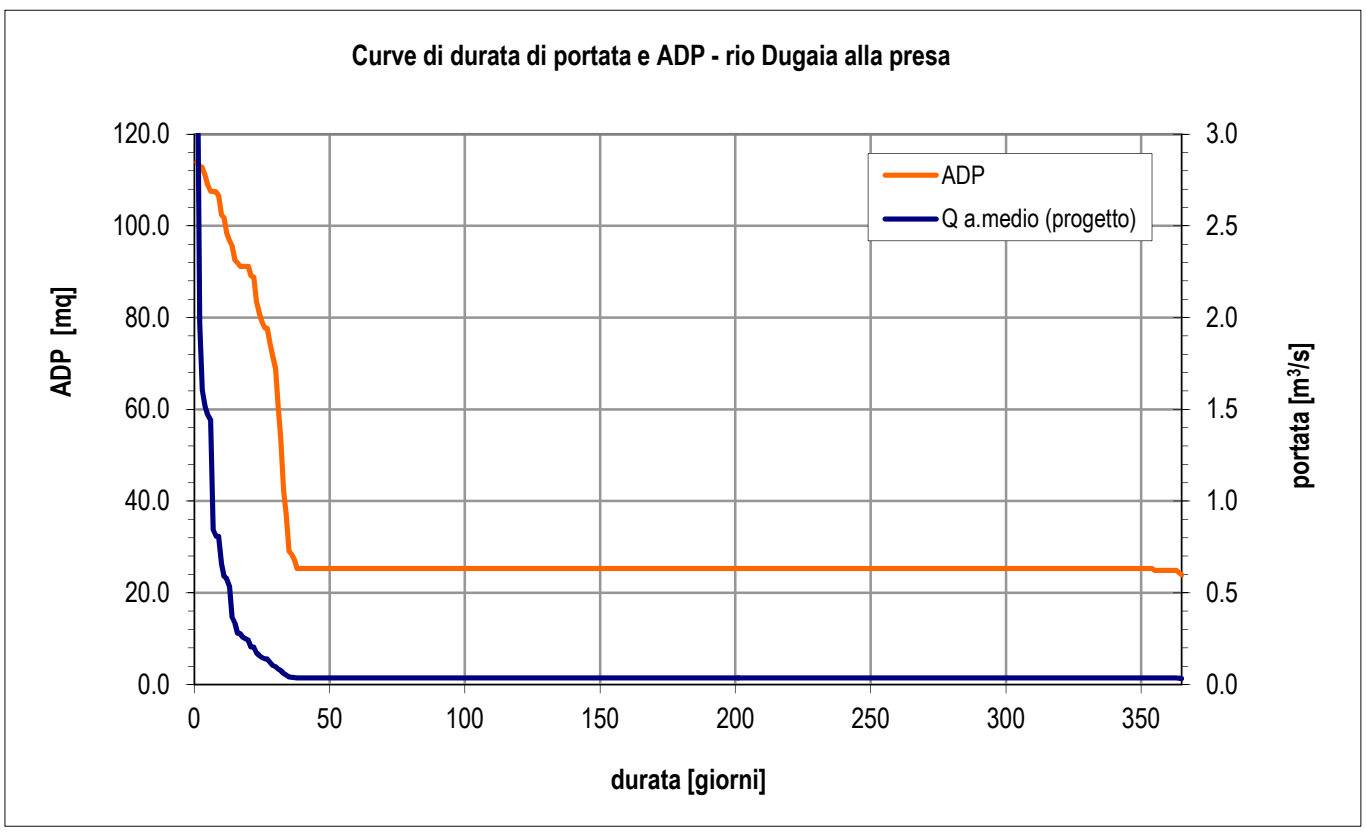

Idrogrammi portata e ADP - rio Dugaia alla presa
ADP (fario giovane)
Q a.medio (attuale)
ADP [mq]
portata [m³/s]
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

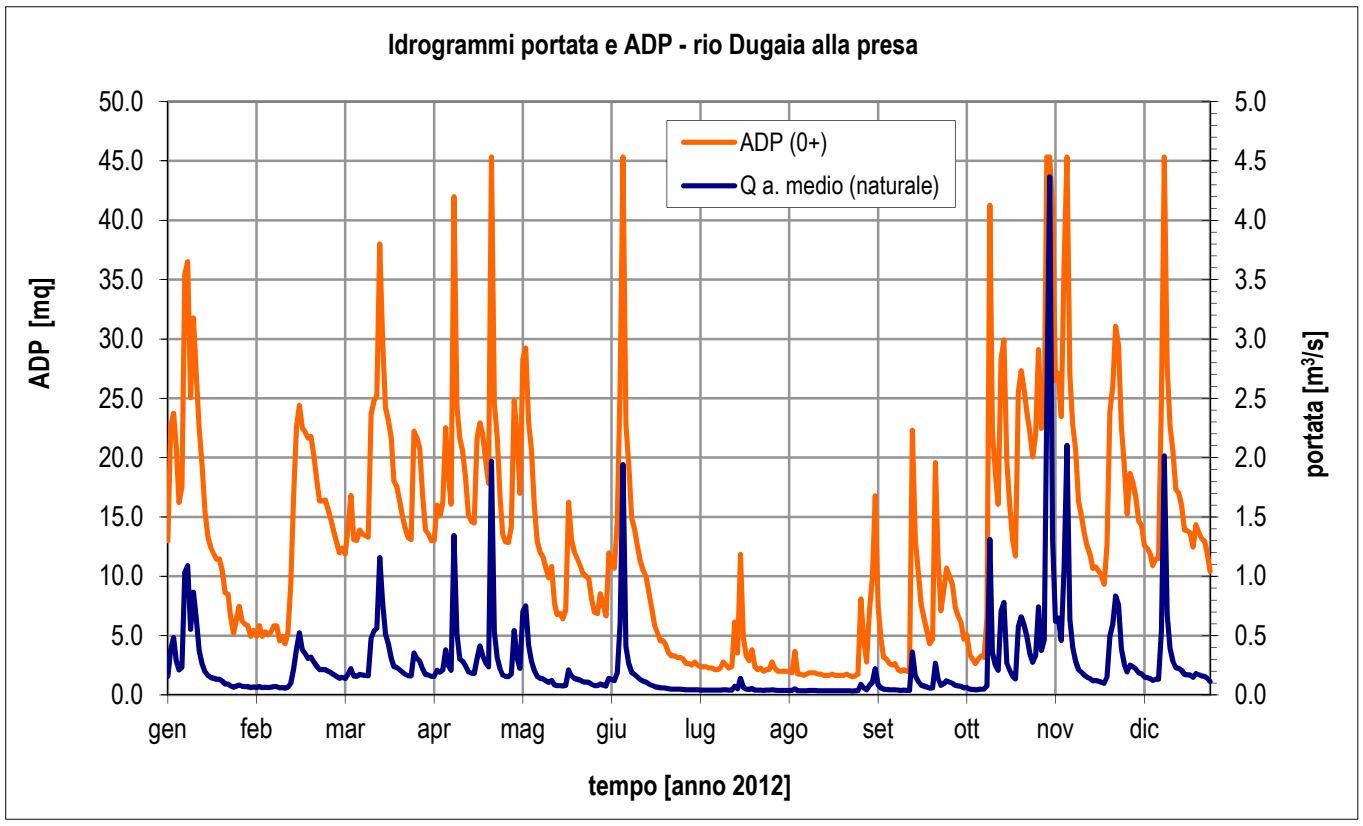

Curva di durata delle portate e ADP corrispondente - rio Dugaia alla presa
ADP
Q a.medio (attuale)
ADP [mq]
portata [m³/s]
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

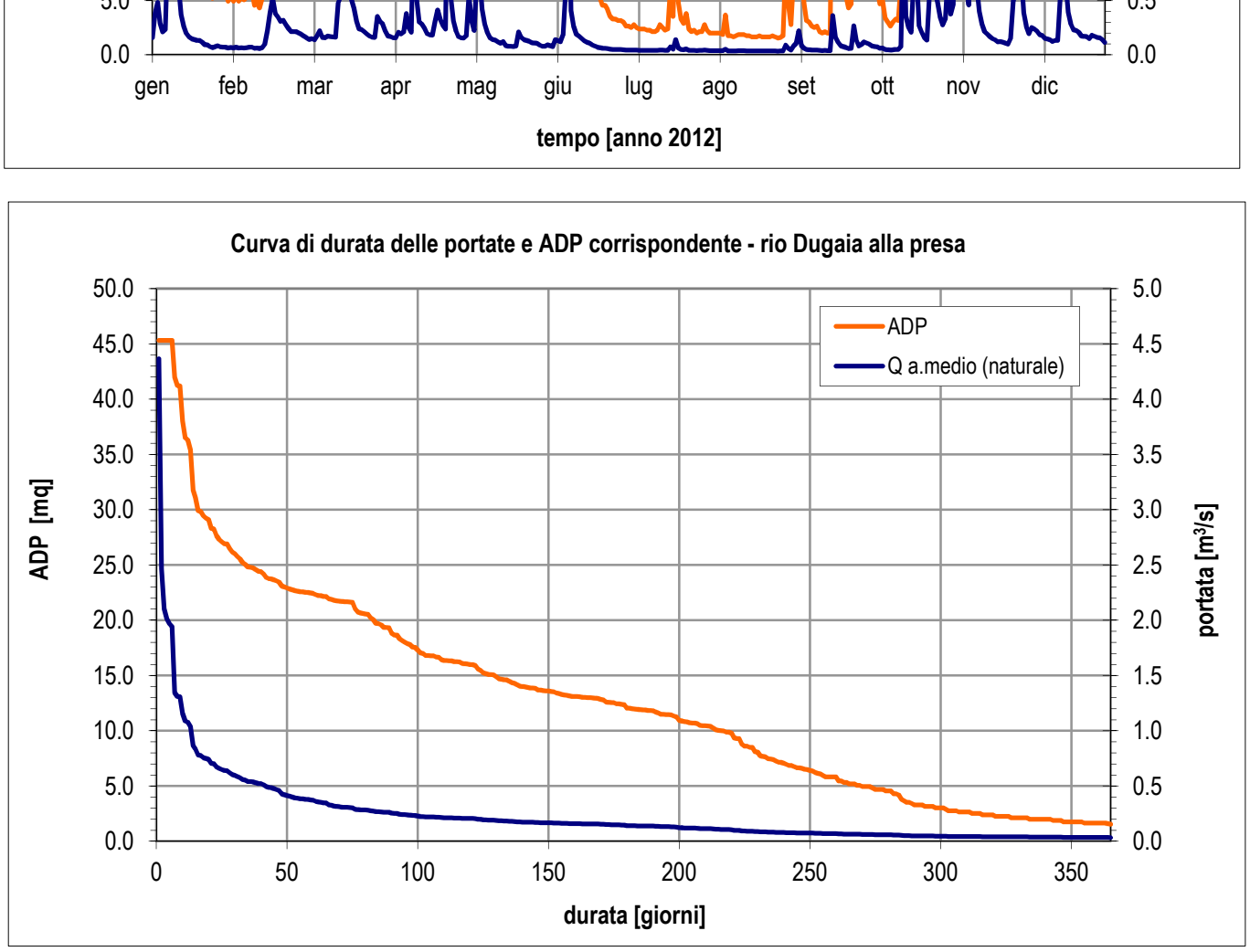

Curve di durata di portata e ADP - rio Dugaia alla presa
ADP
Q a.medio (naturale)
ADP [mq]
portata [m³/s]
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

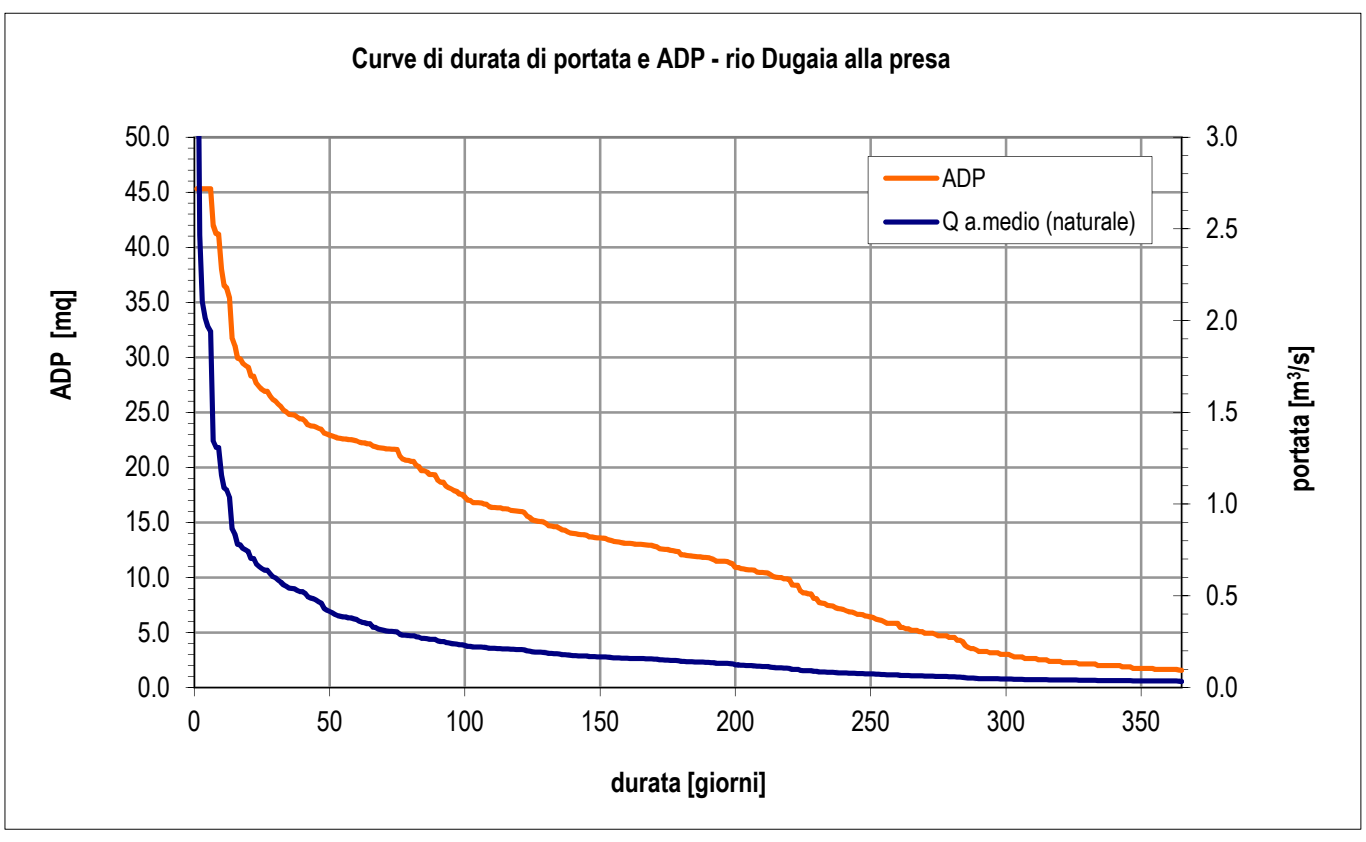

Idrogrammi portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP (fario giovane)
Q a.medio (progetto)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

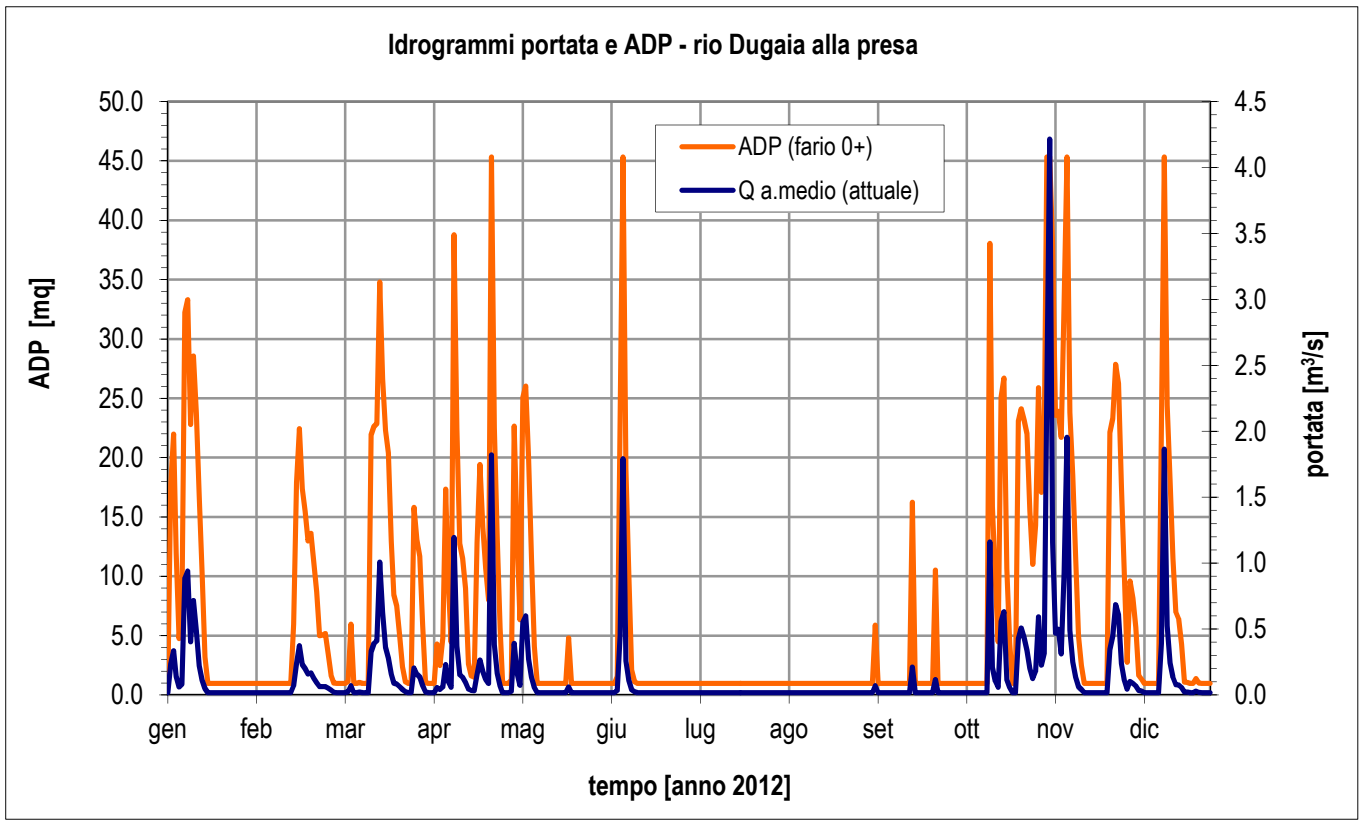

Curva di durata delle portate e ADP corrispondente - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

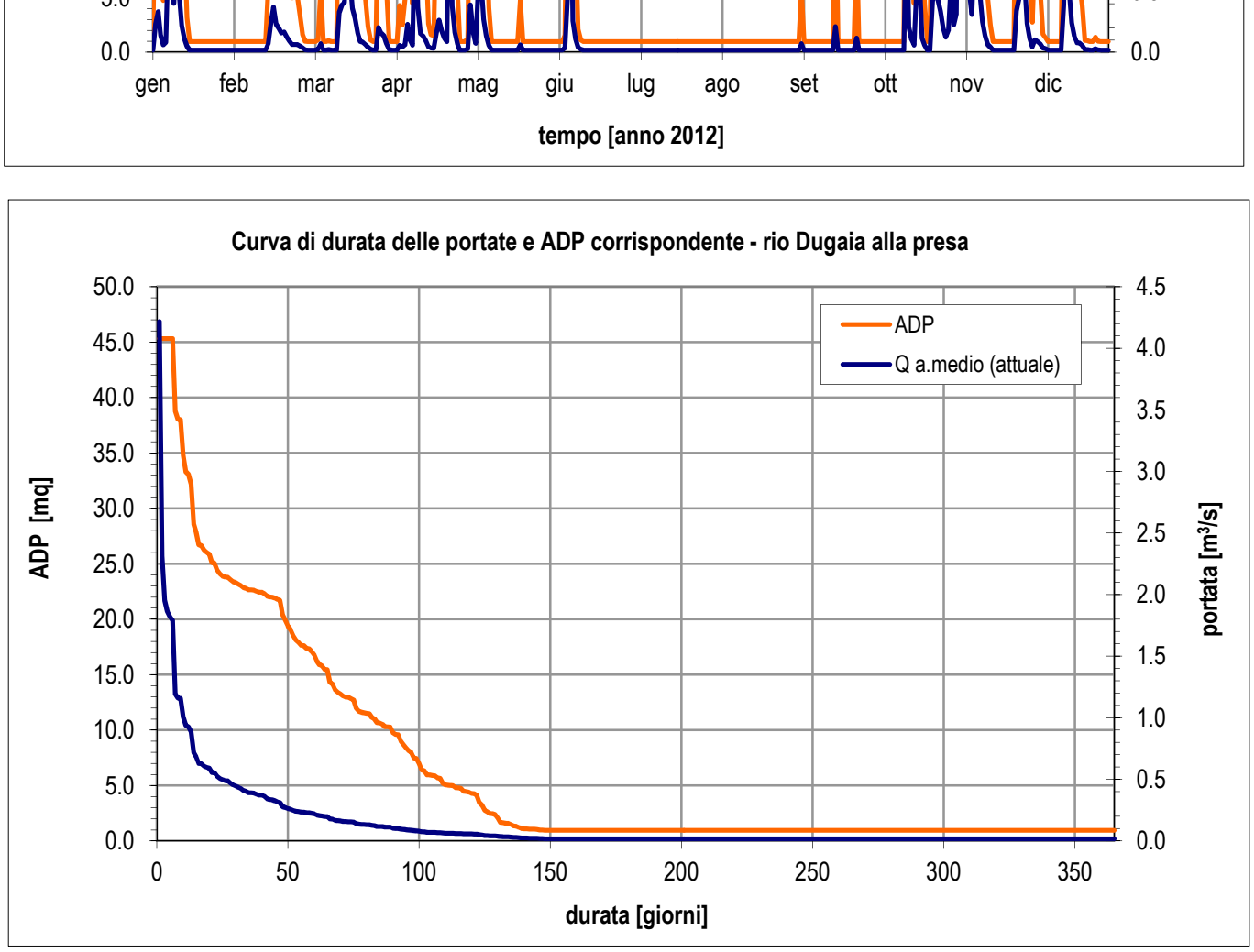

Curve di durata di portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

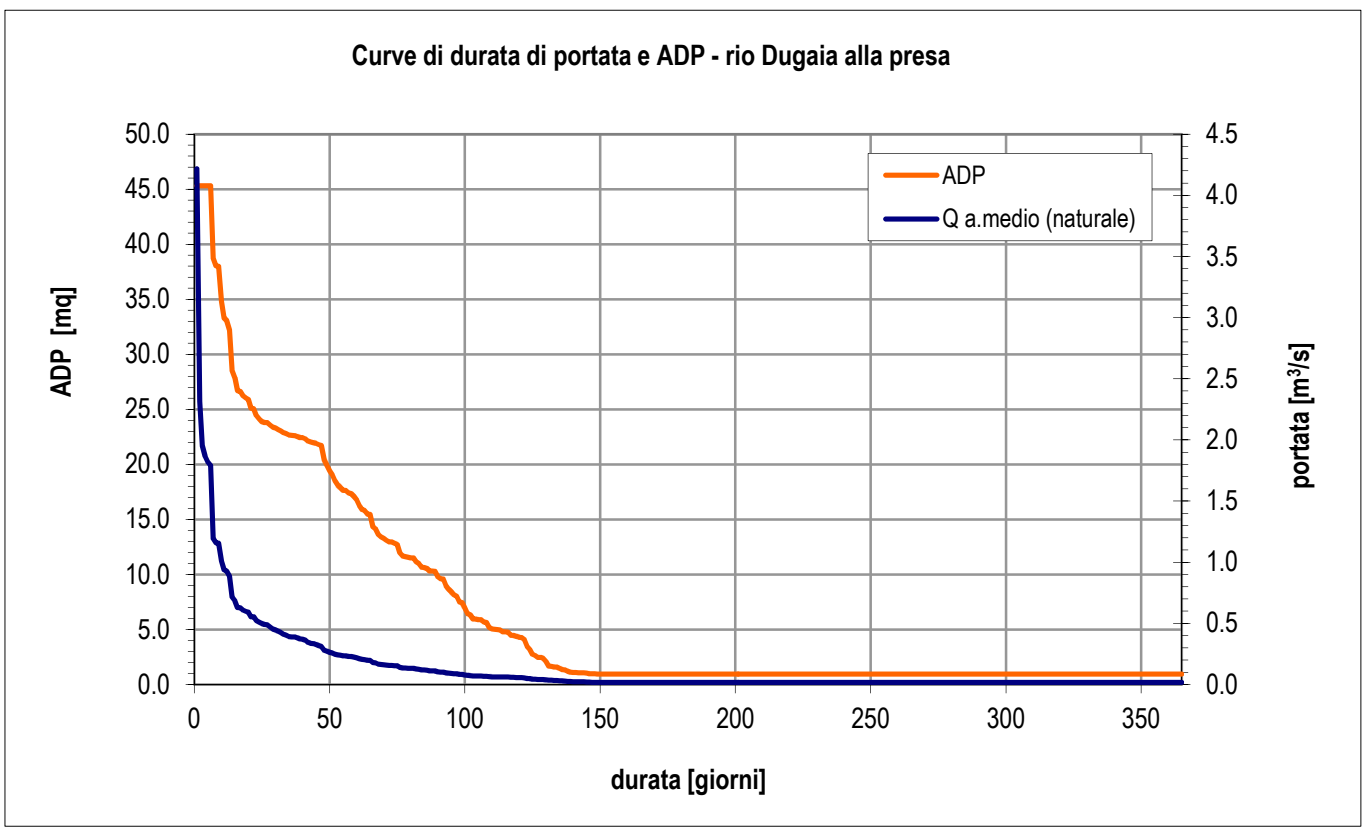

Idrogrammi portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP (0+)
Q a. medio (naturale)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

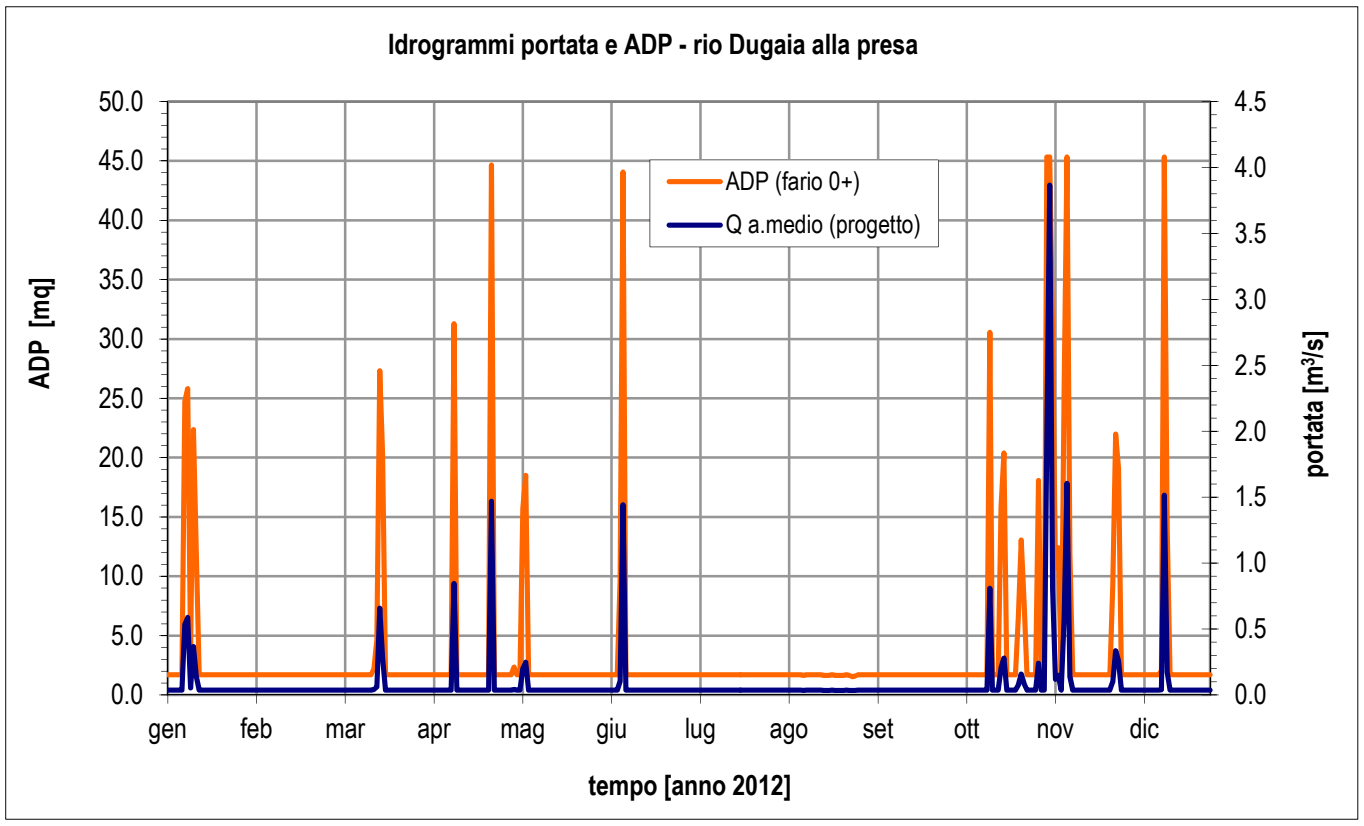

Curva di durata delle portate e ADP corrispondente - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

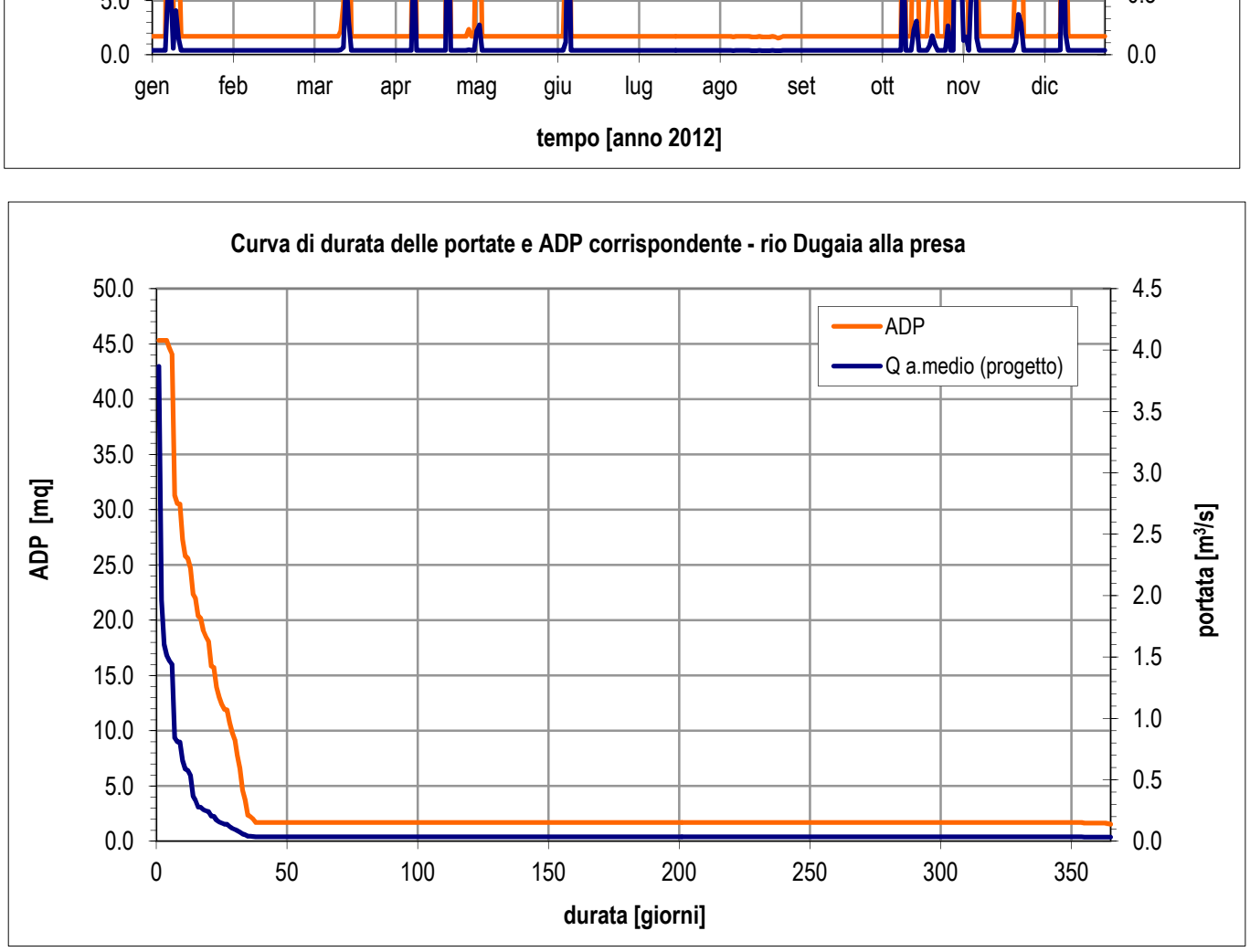

Curve di durata di portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

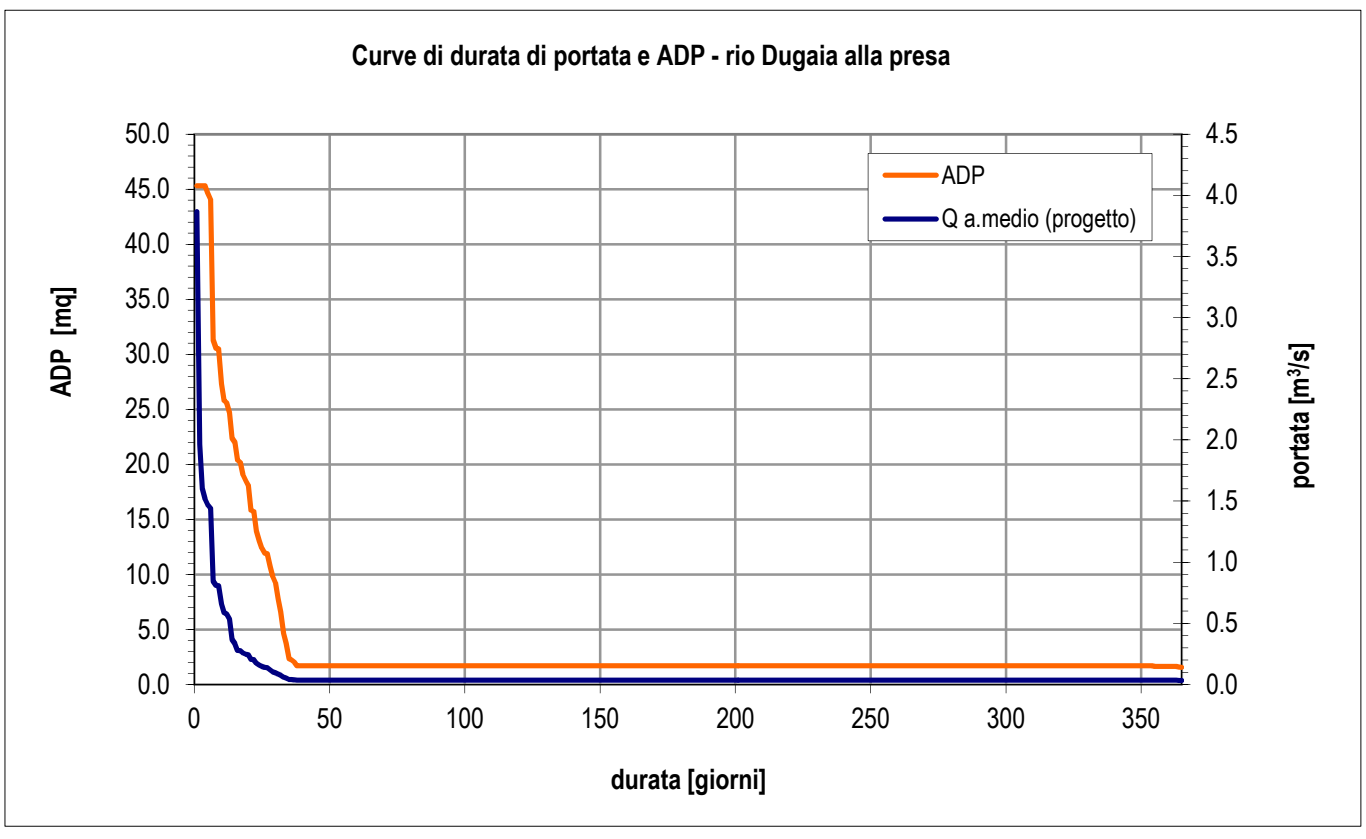

Idrogrammi portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP (fario 0+)
Q a.medio (attuale)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]


Curva di durata delle portate e ADP corrispondente - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

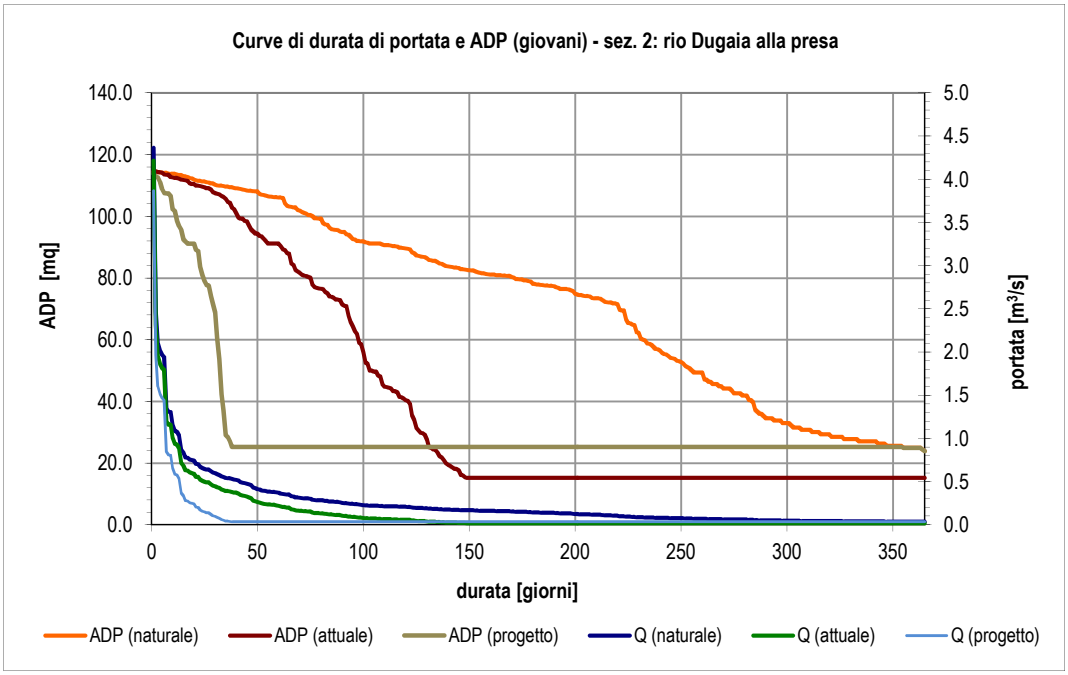

Curve di durata di portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

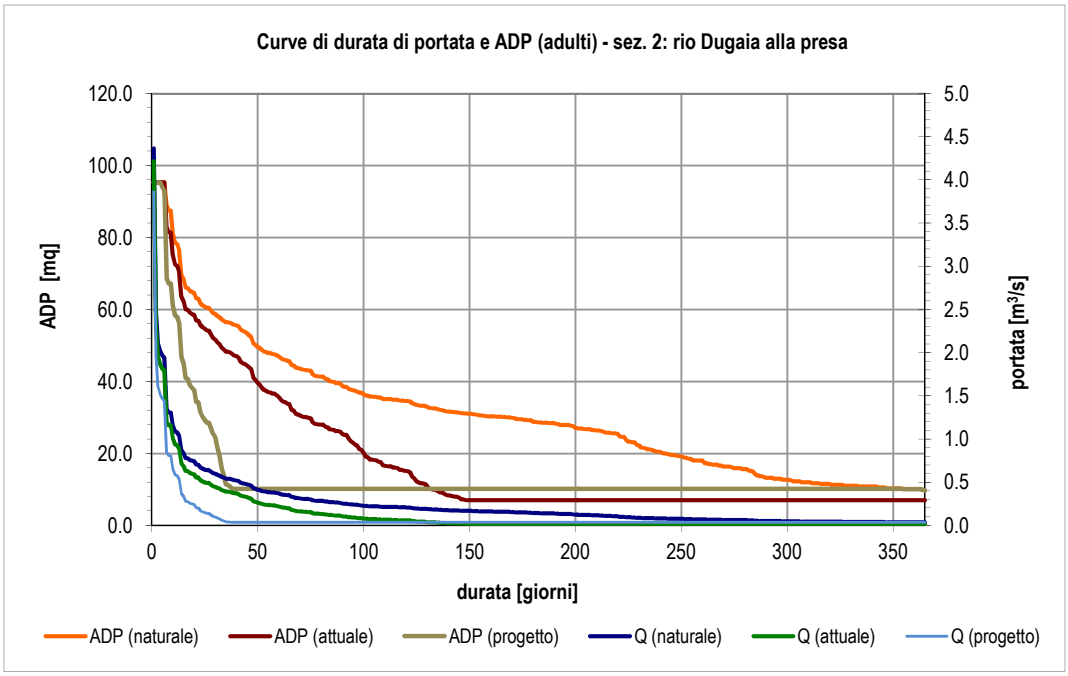

Idrogrammi portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP (fario 0+)
Q a.medio (progetto)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]


Curva di durata delle portate e ADP corrispondente - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

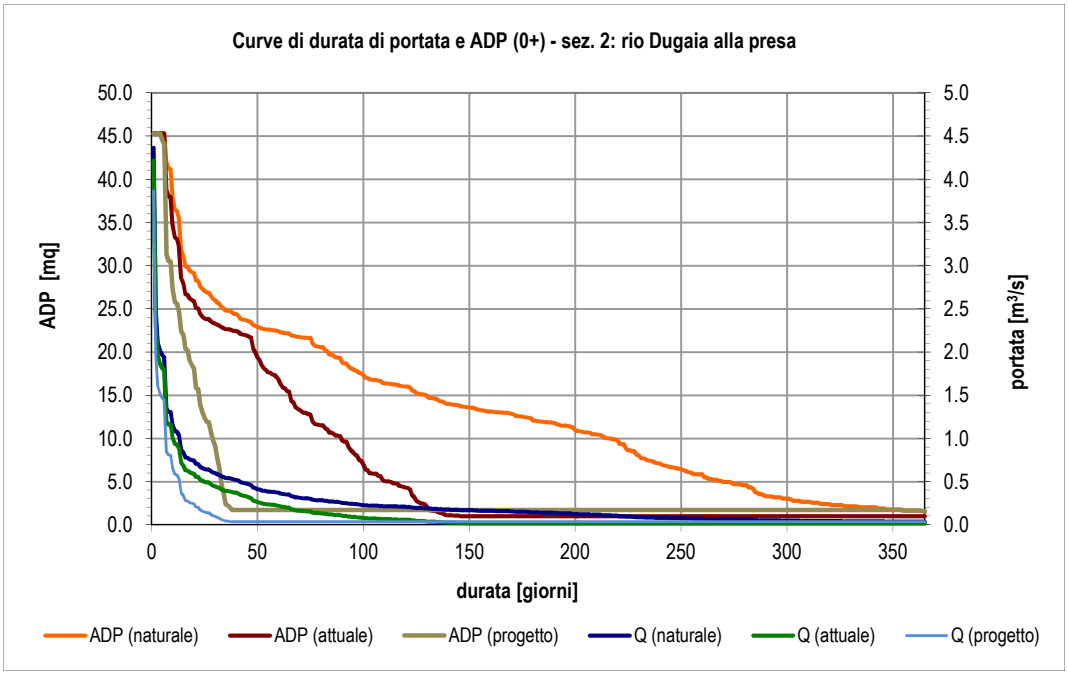

Curve di durata di portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

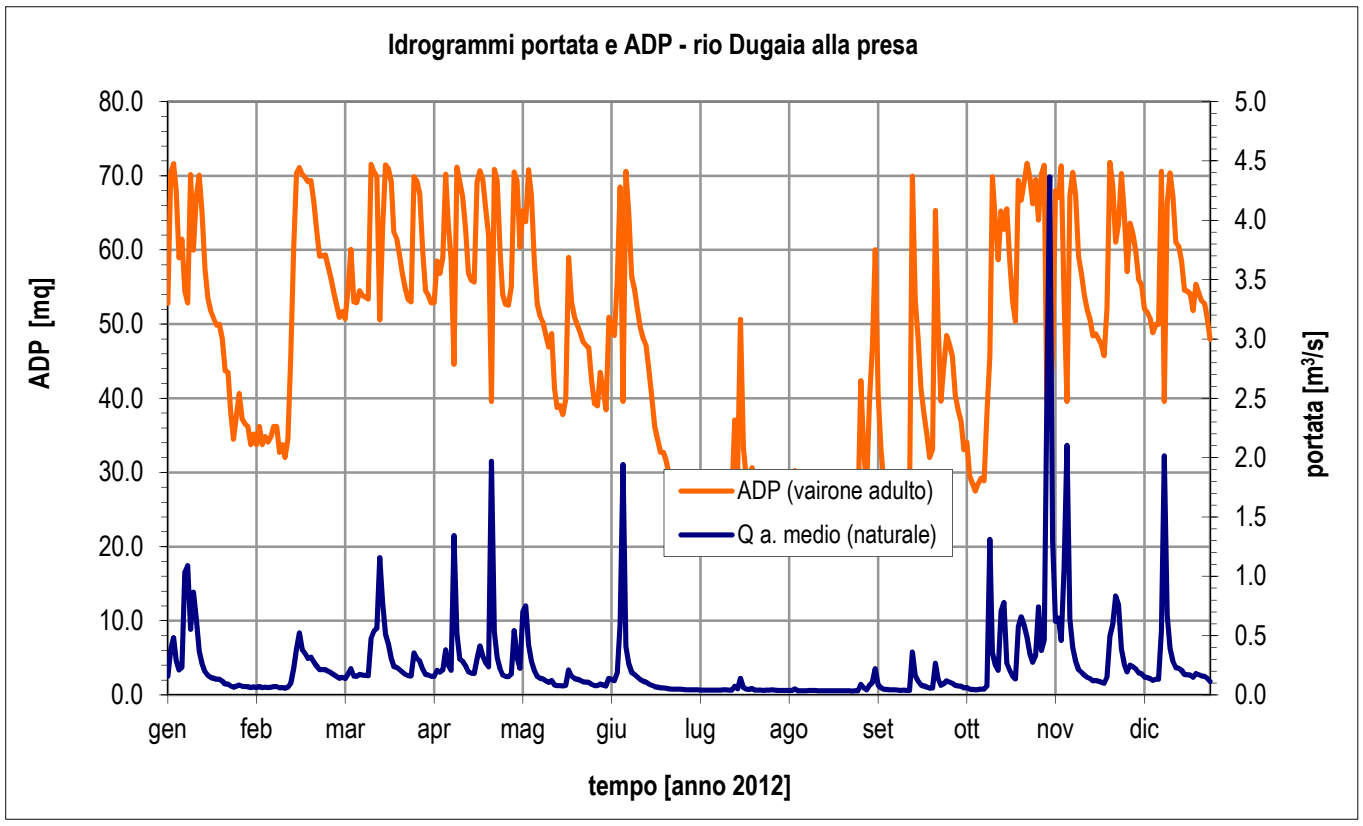
Confronto tra curve di durata Q e ADP (Fario) per il sito di monitoraggio (S2 - Dugaia)

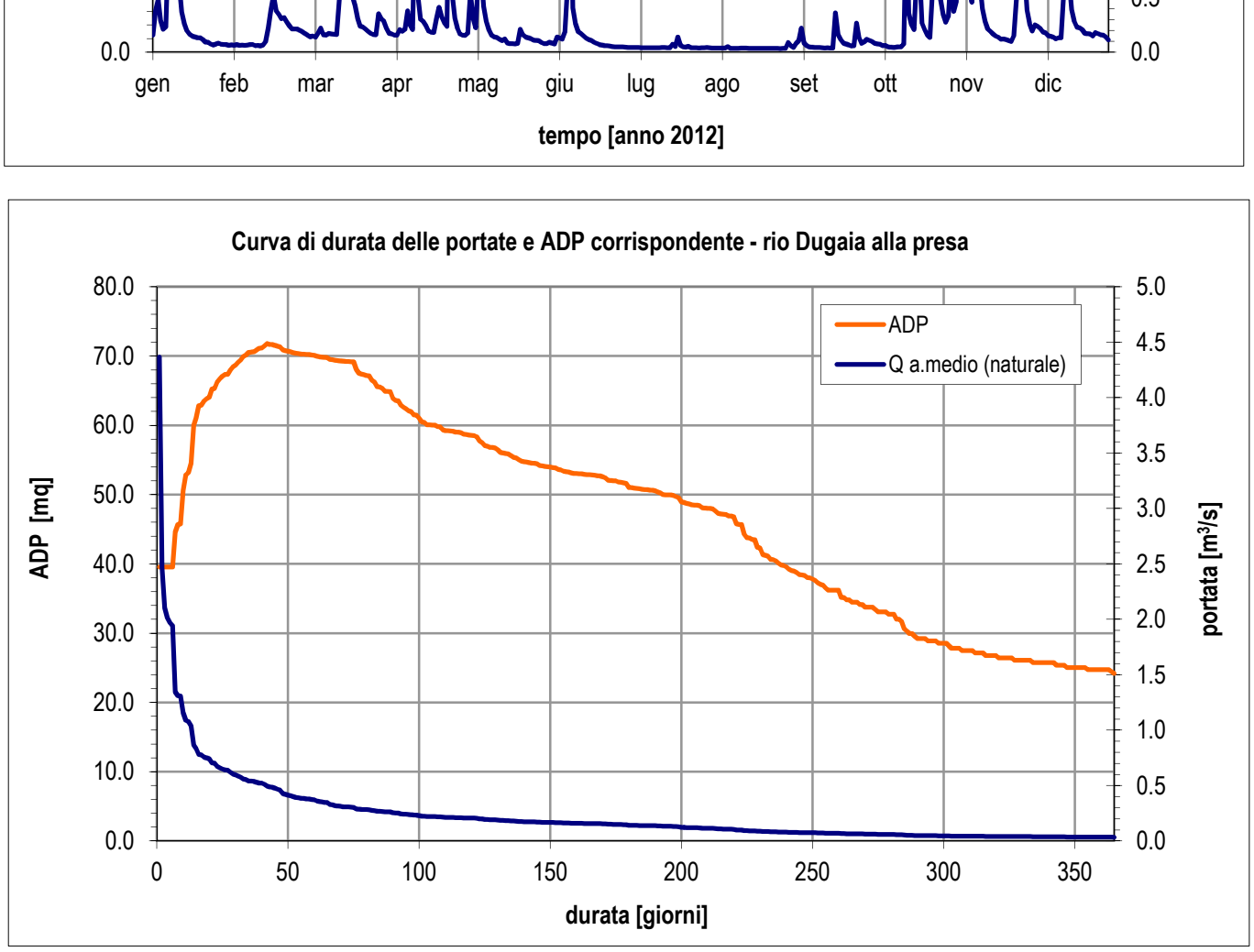


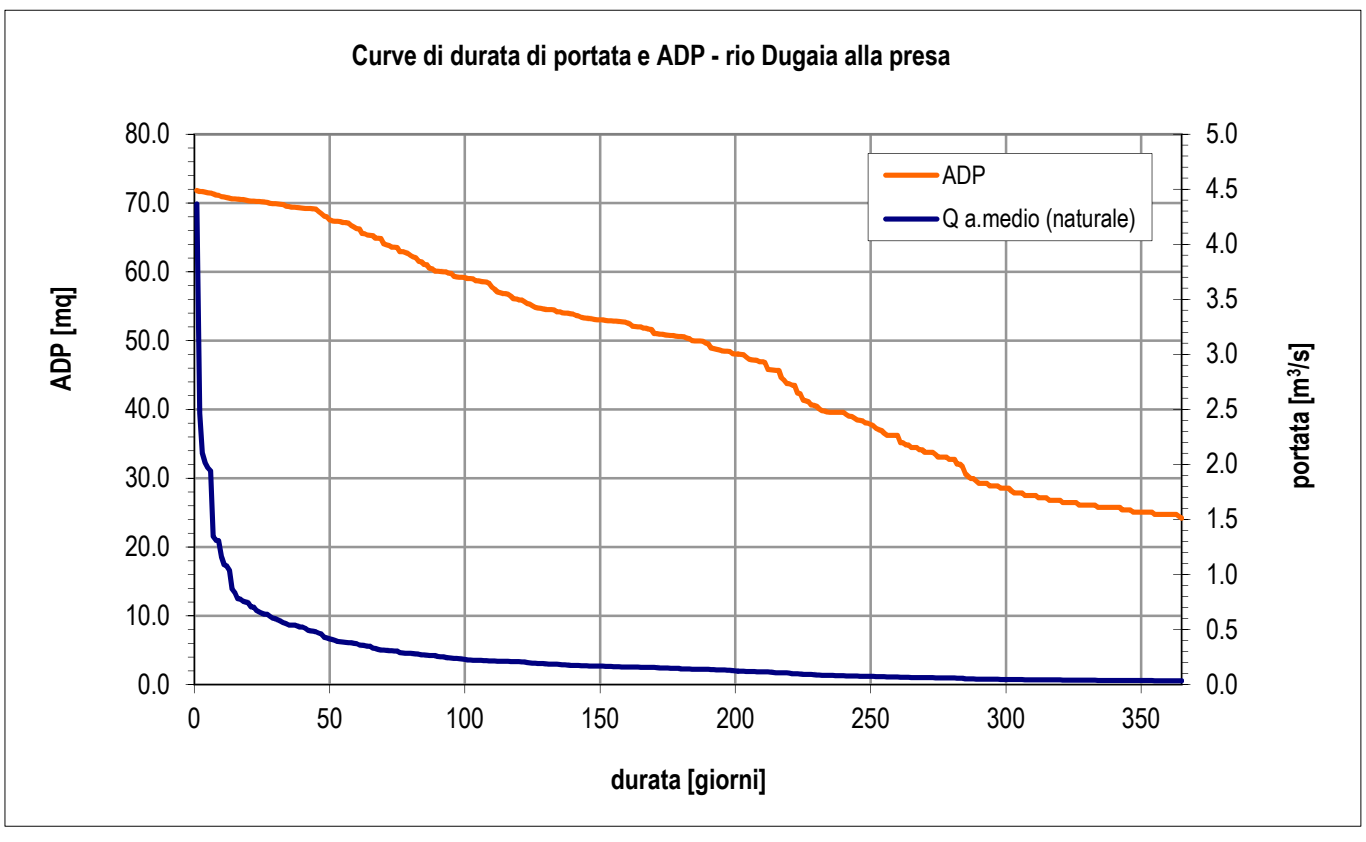


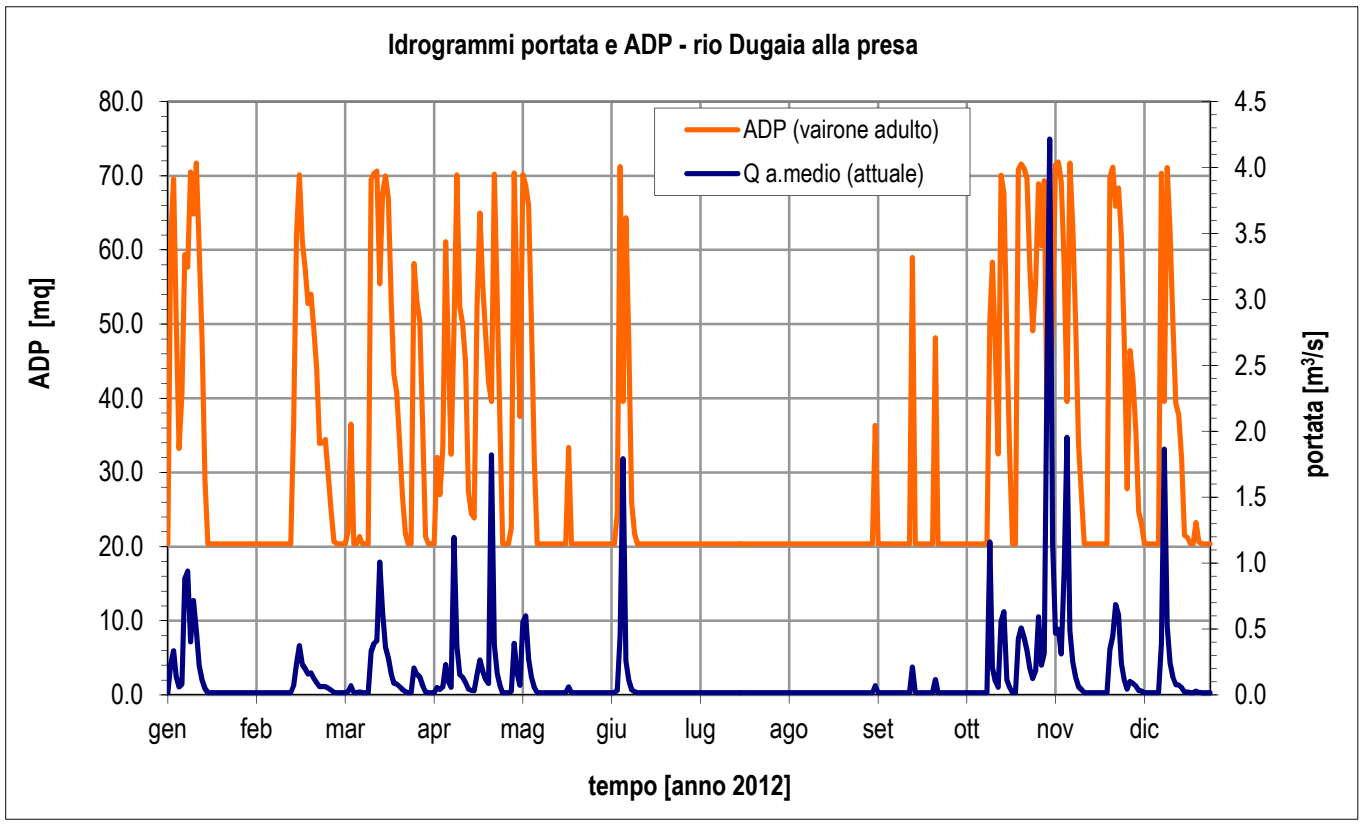
Confronto tra curve di durata Q e ADP (Fario 0+) per il sito di monitoraggio (S2 - Dugaia)

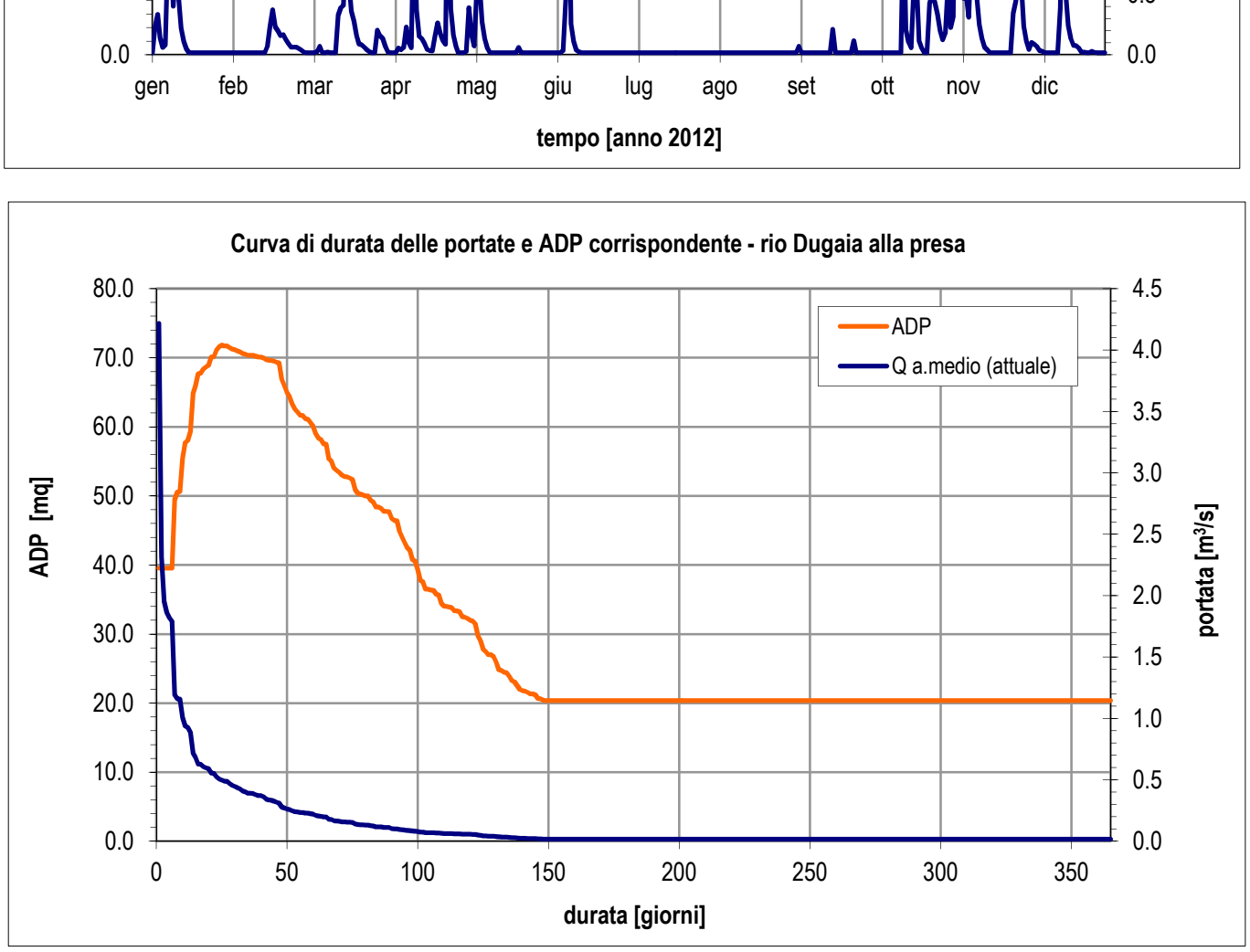


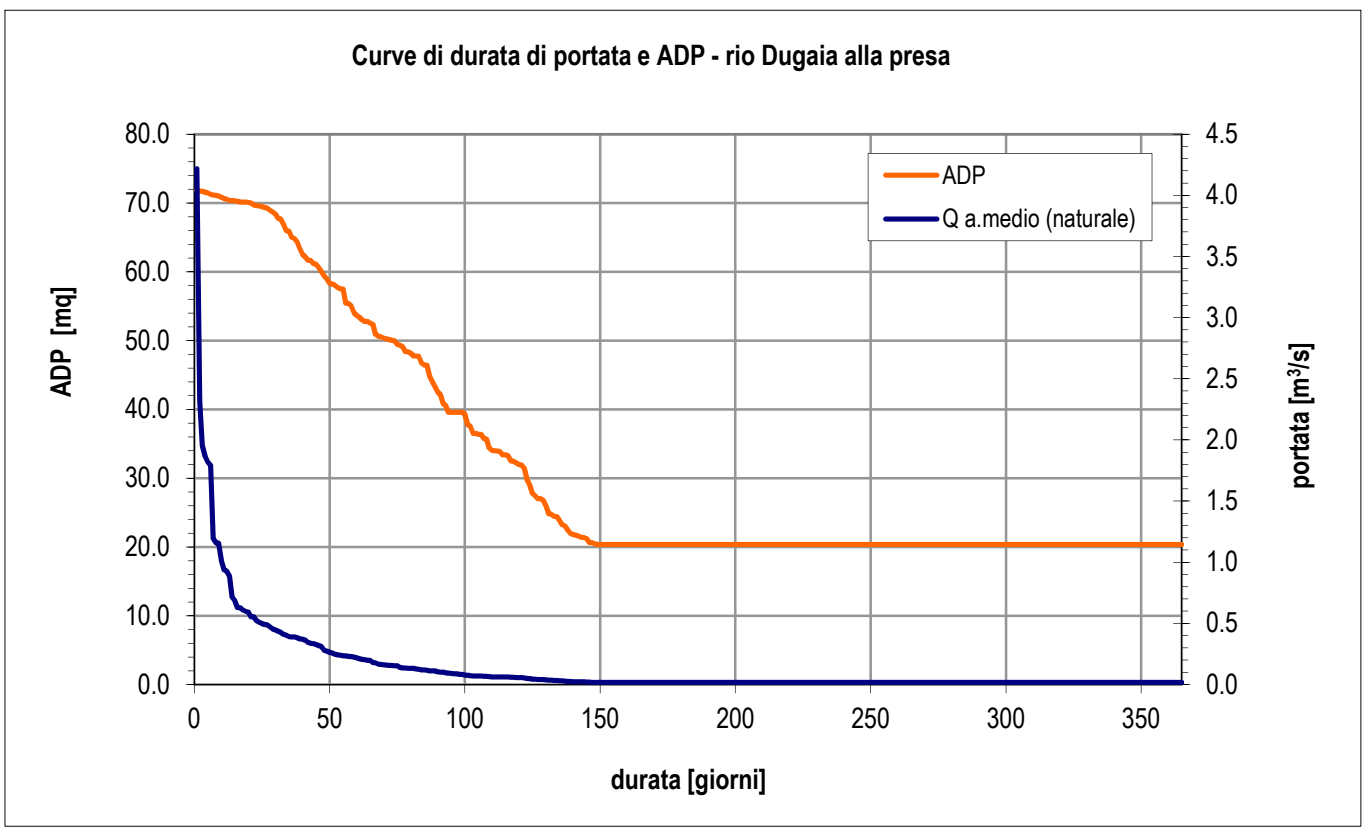

Idrogrammi portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
ADP (vairone adulto)
Q a. medio (naturale)
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

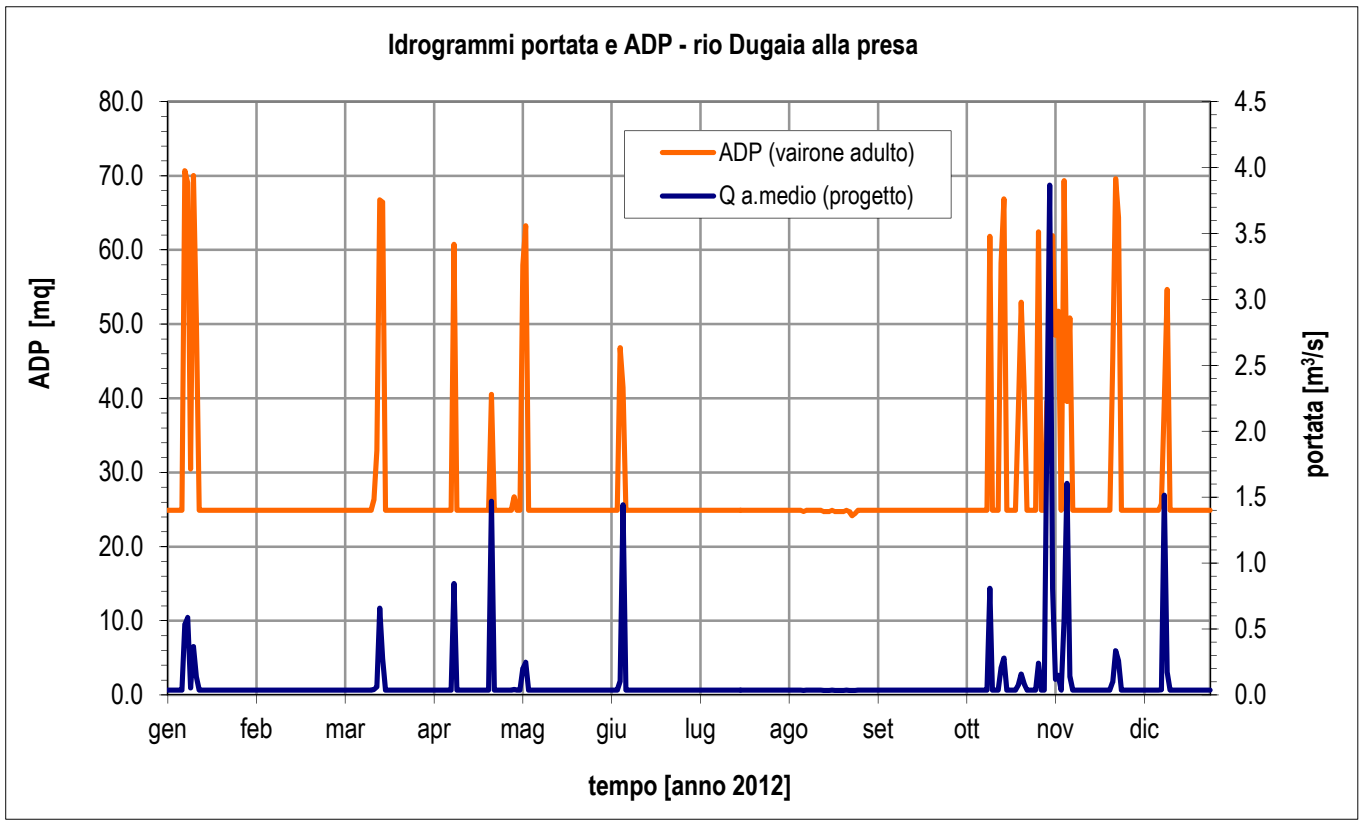

Curva di durata delle portate e ADP corrispondente - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
ADP
Q a.medio (naturale)
0
50
100
150
200
250
300
350
durata [giorni]

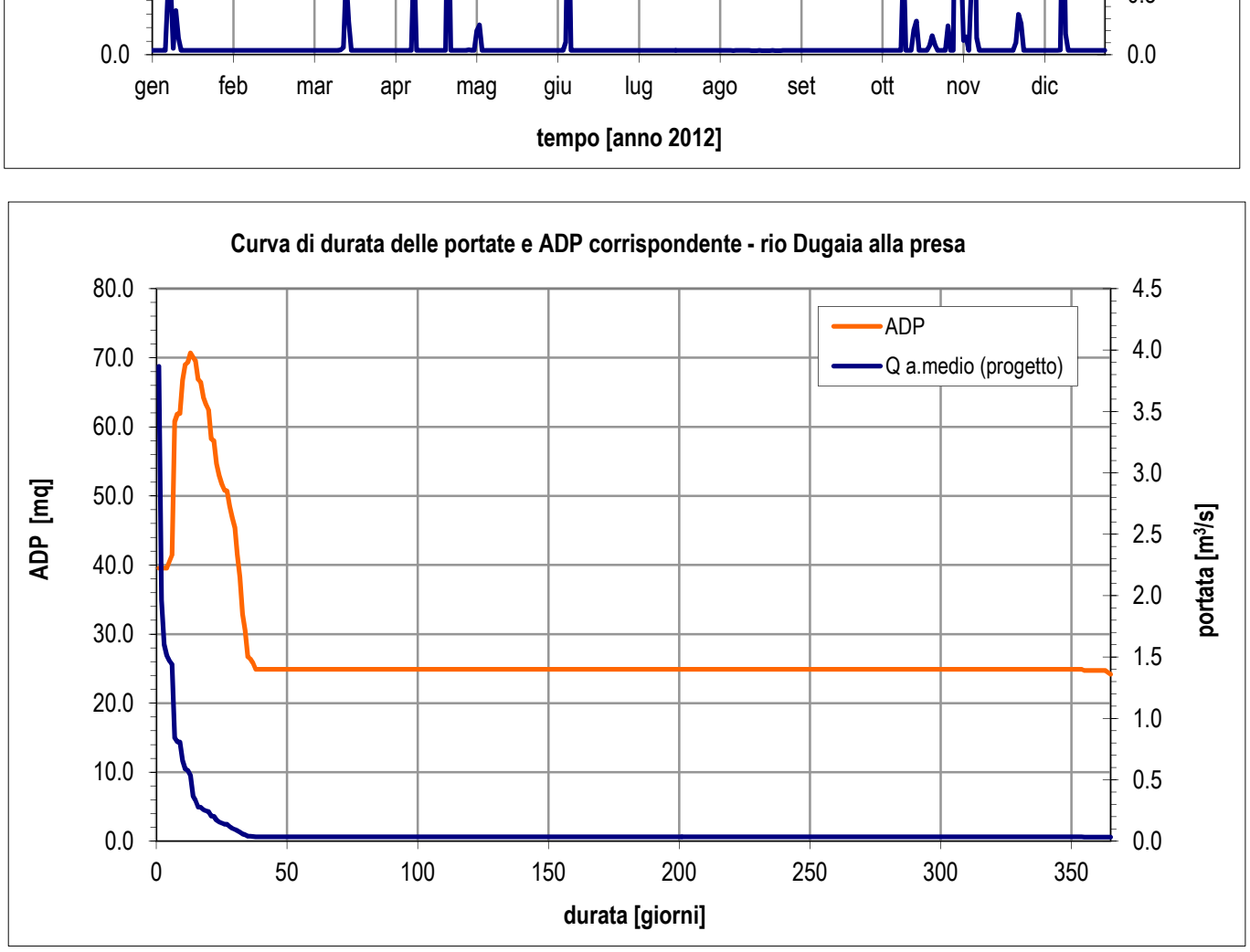

Curve di durata di portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
ADP
Q a.medio (naturale)
0
50
100
150
200
250
300
350
durata [giorni]

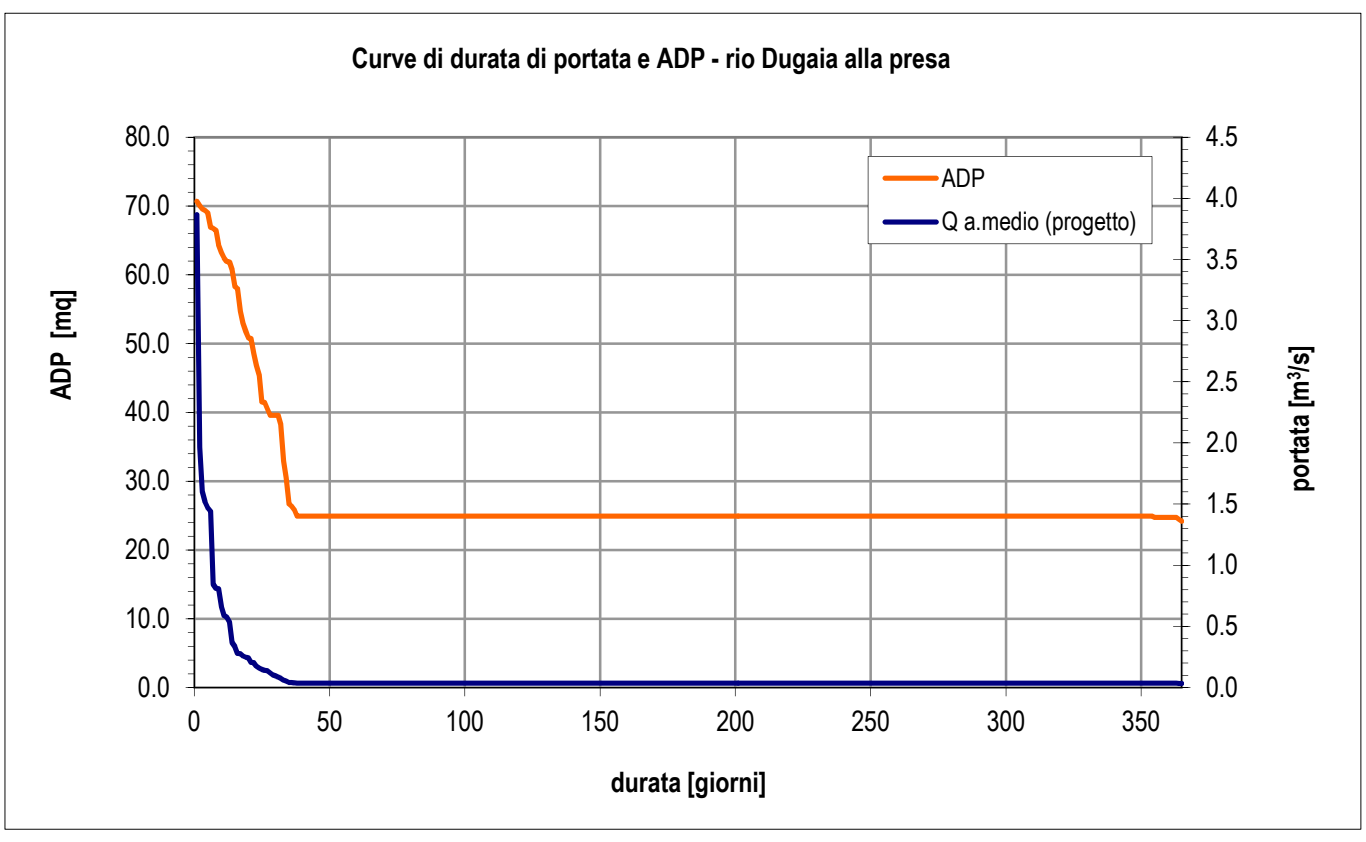

Idrogrammi portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP (vairone adulto)
Q a.medio (attuale)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

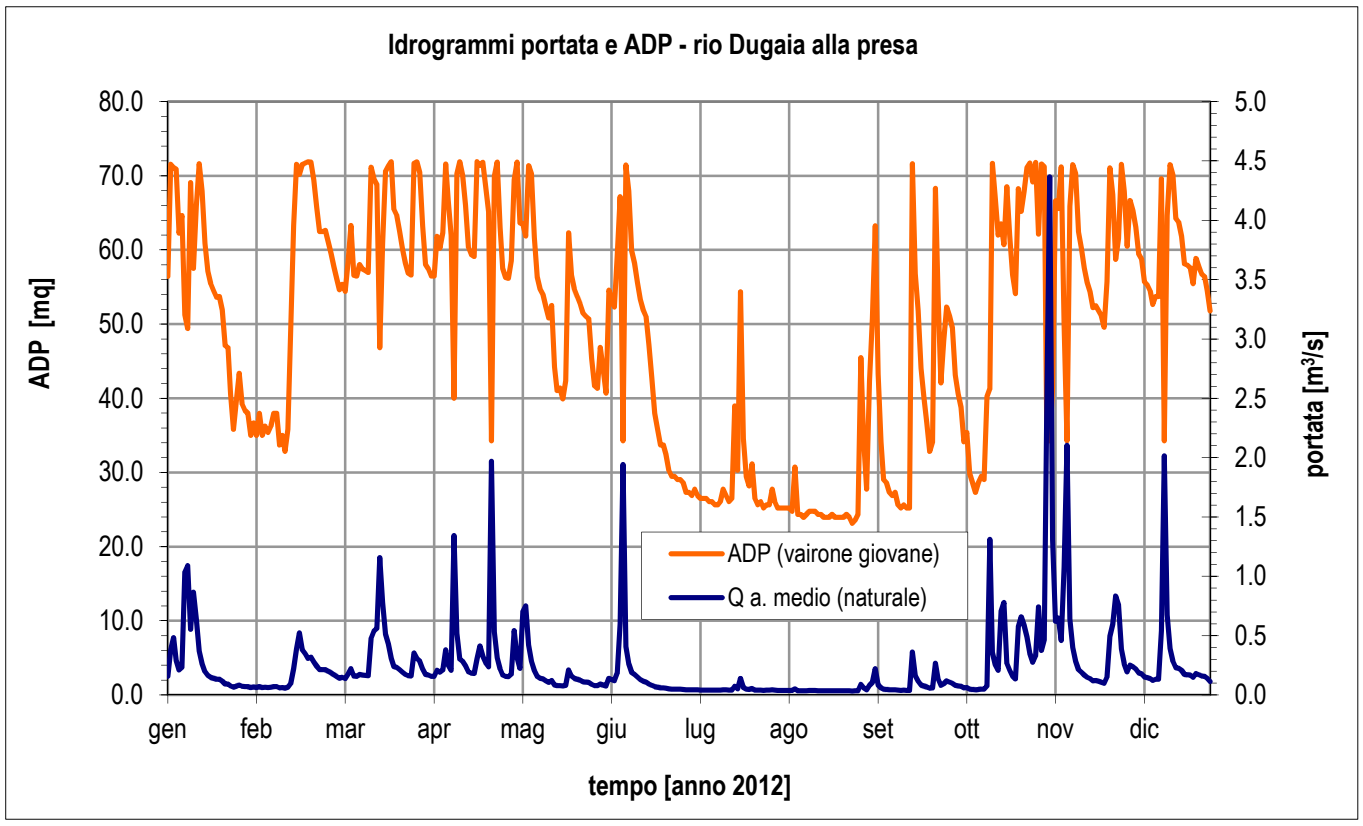

Curva di durata delle portate e ADP corrispondente - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

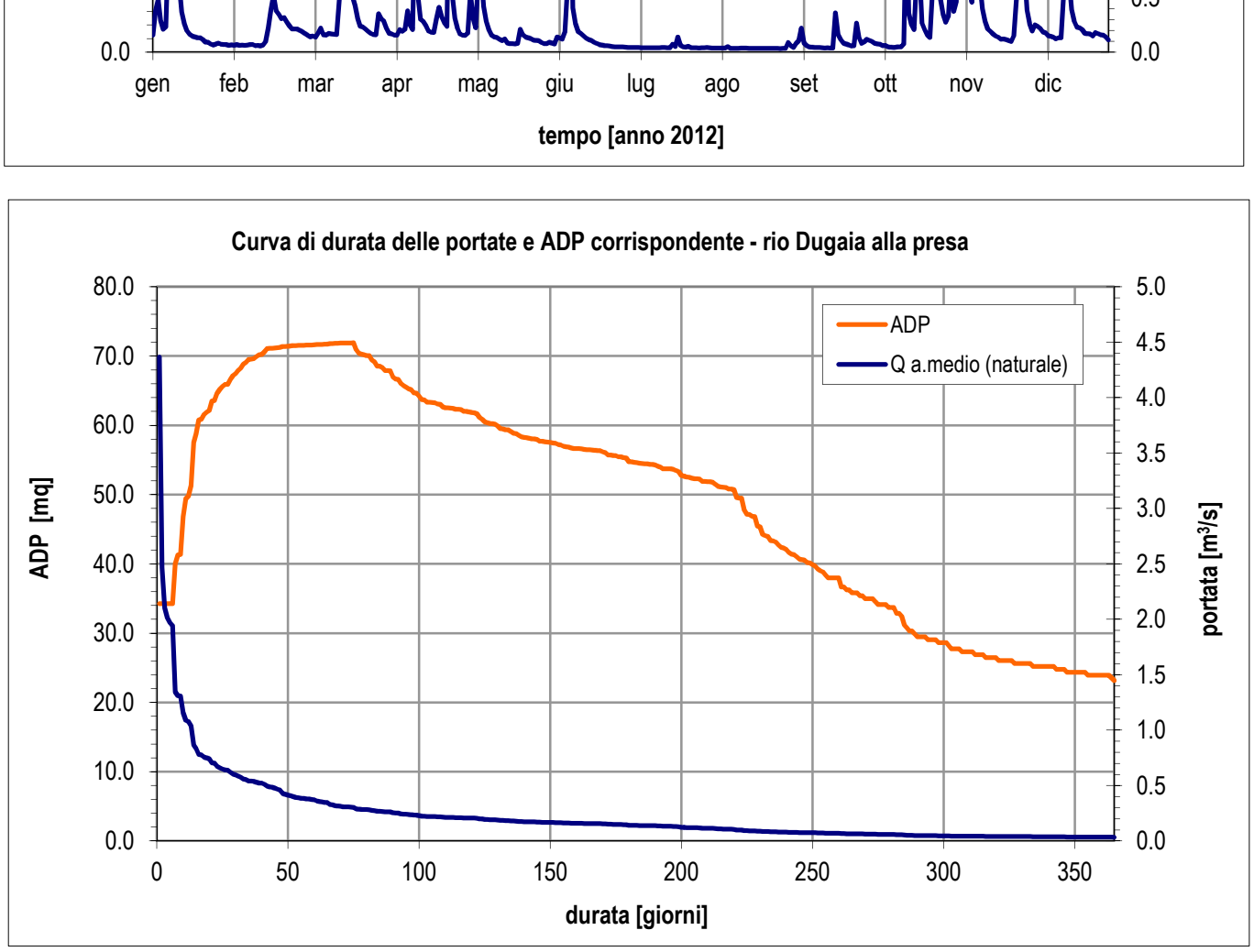

Curve di durata di portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

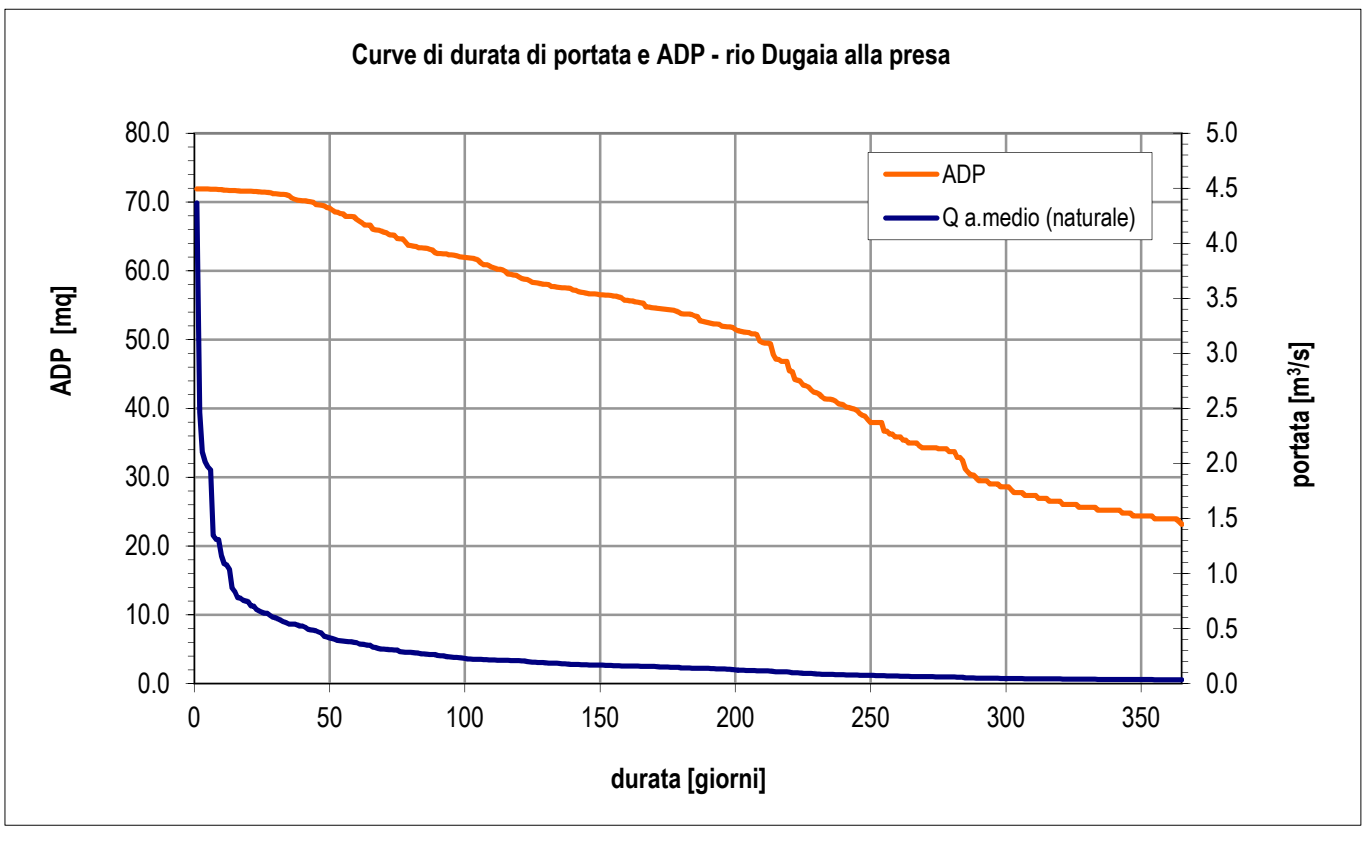

Idrogrammi portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP (vairone adulto)
Q a.medio (progetto)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

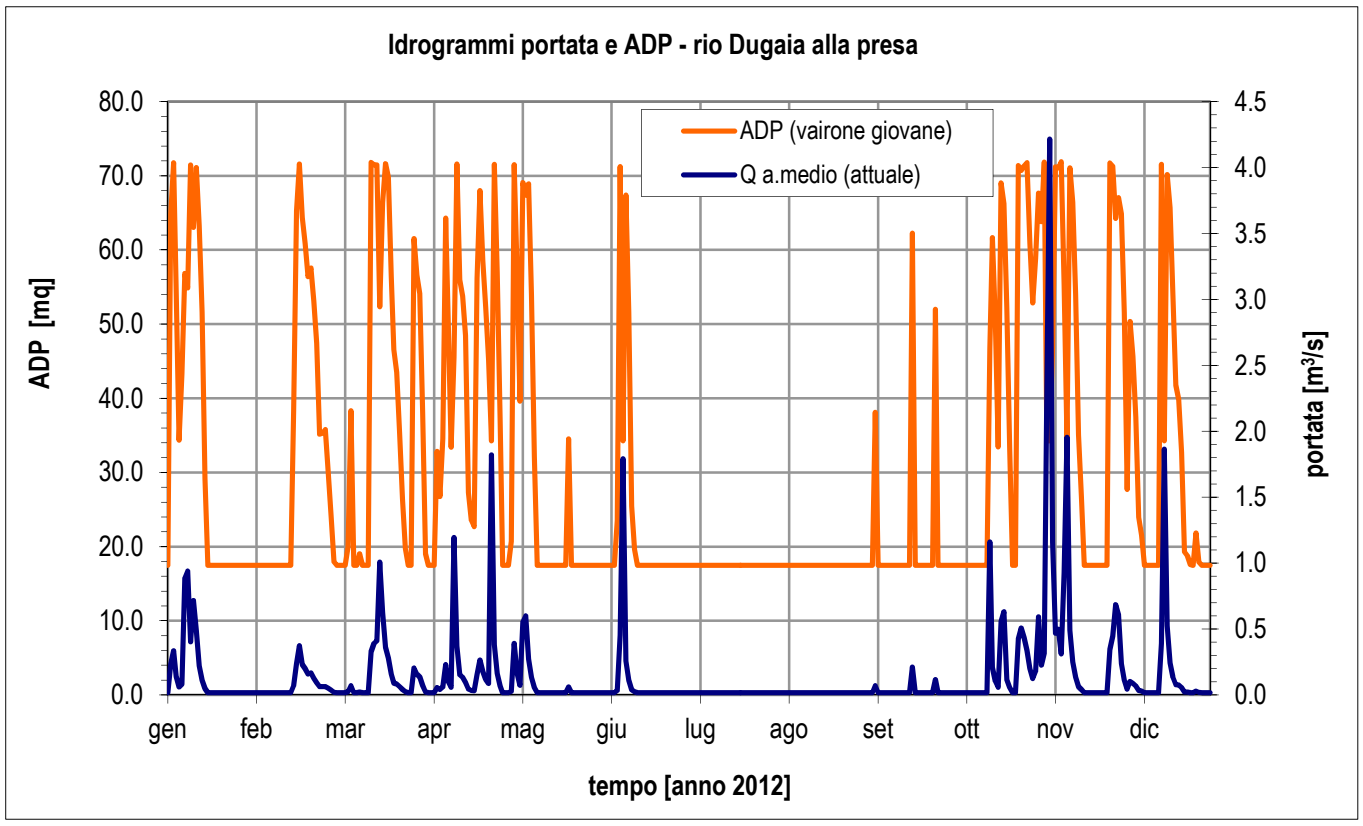

Curva di durata delle portate e ADP corrispondente - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

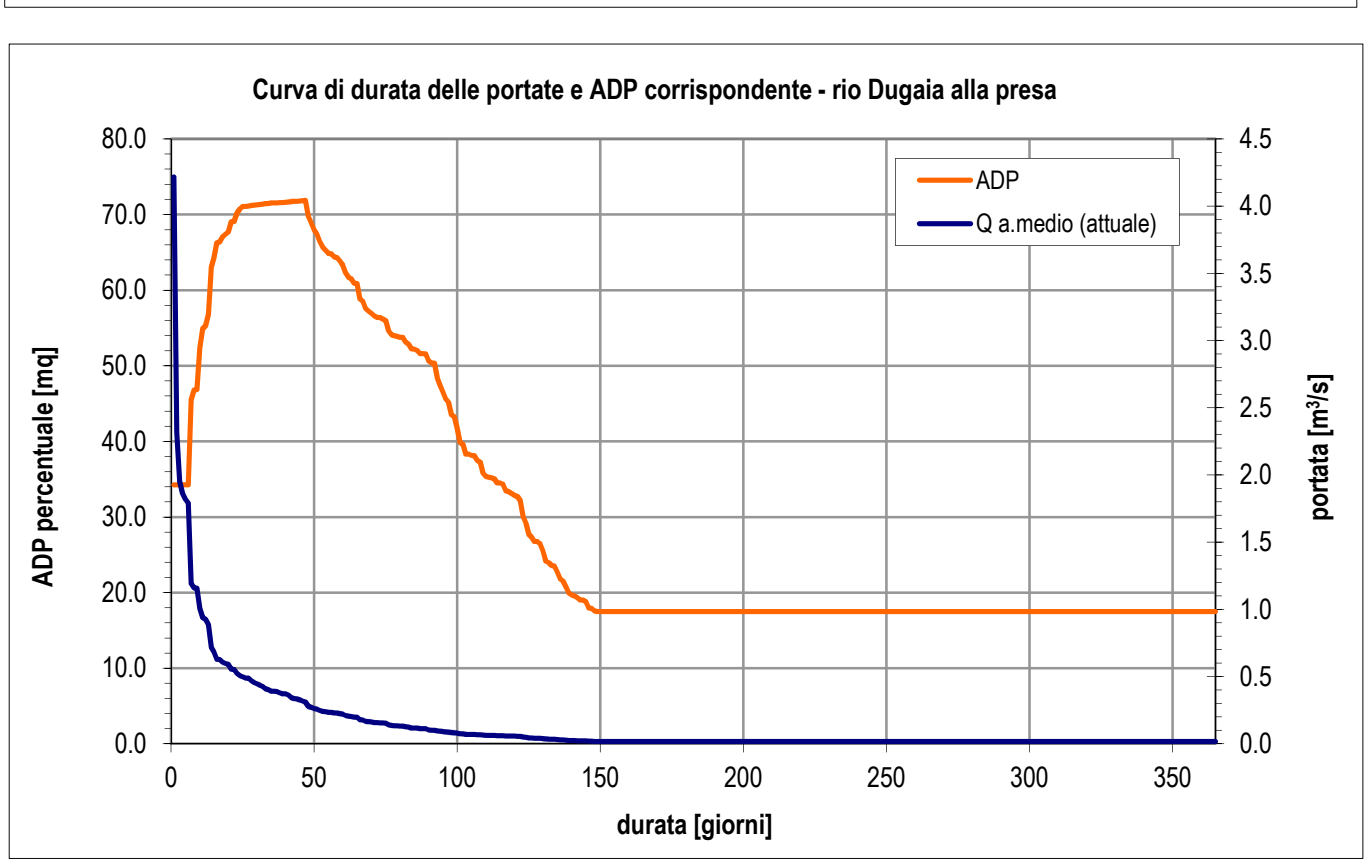

Curve di durata di portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

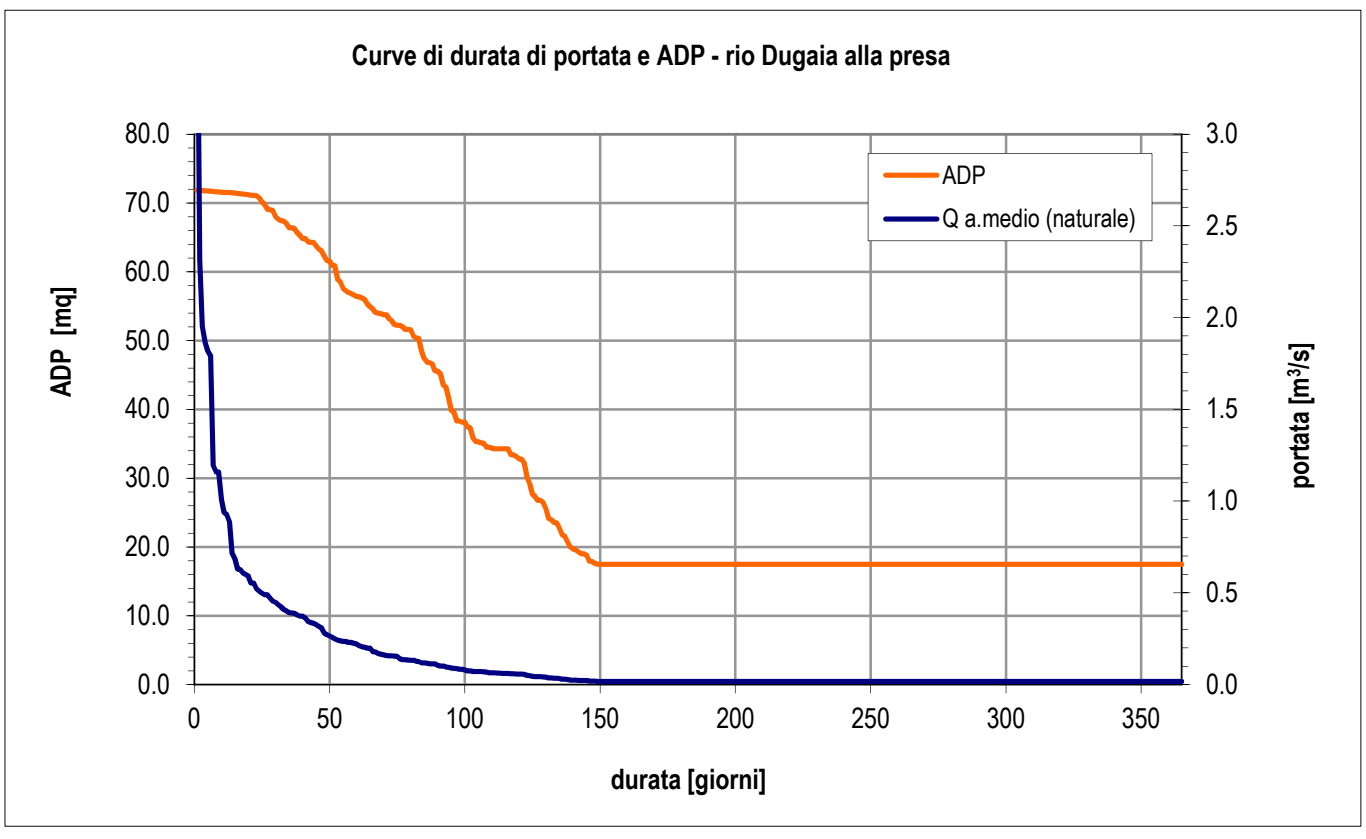

Idrogrammi portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
ADP (vairone giovane)
Q a. medio (naturale)
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

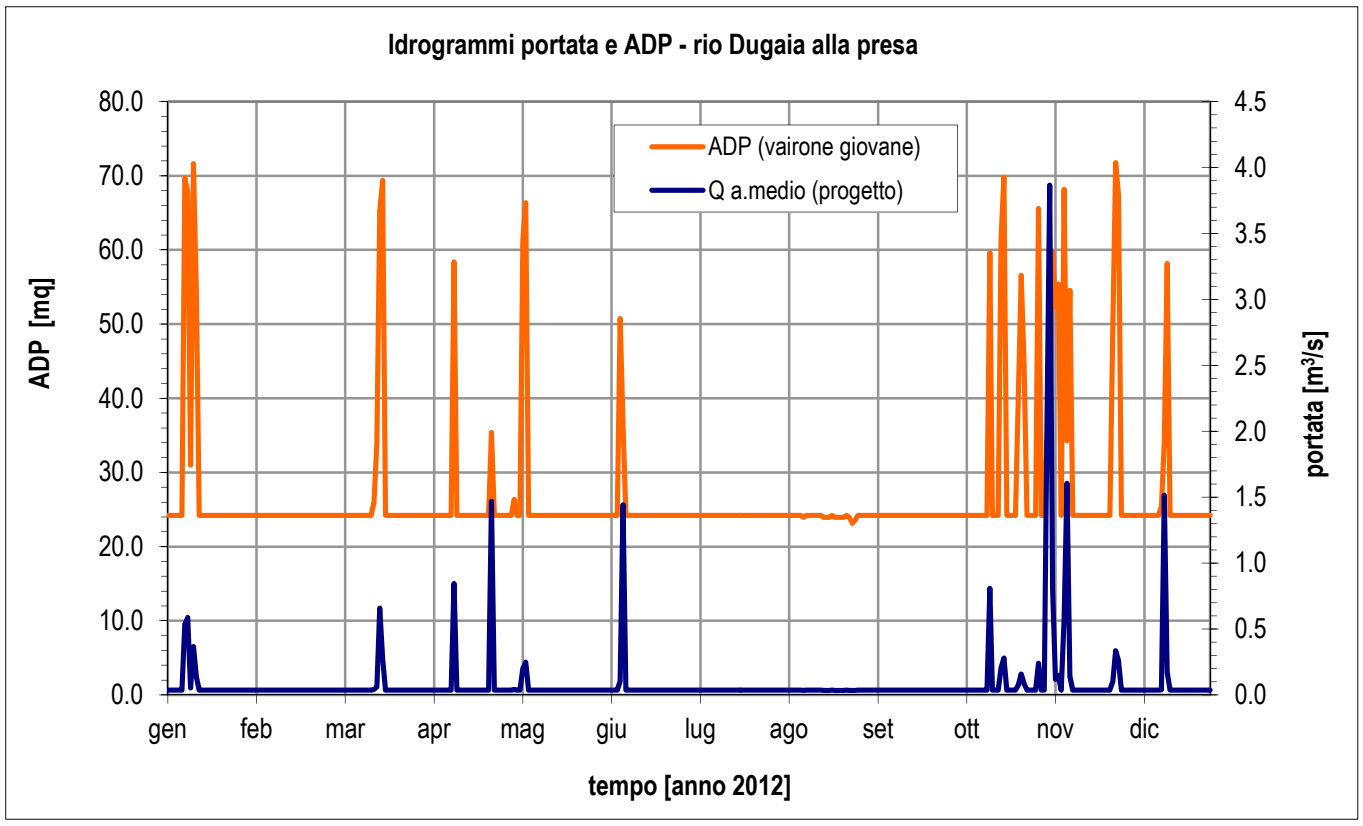

Curva di durata delle portate e ADP corrispondente - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
ADP
Q a.medio (naturale)
0
50
100
150
200
250
300
350
durata [giorni]

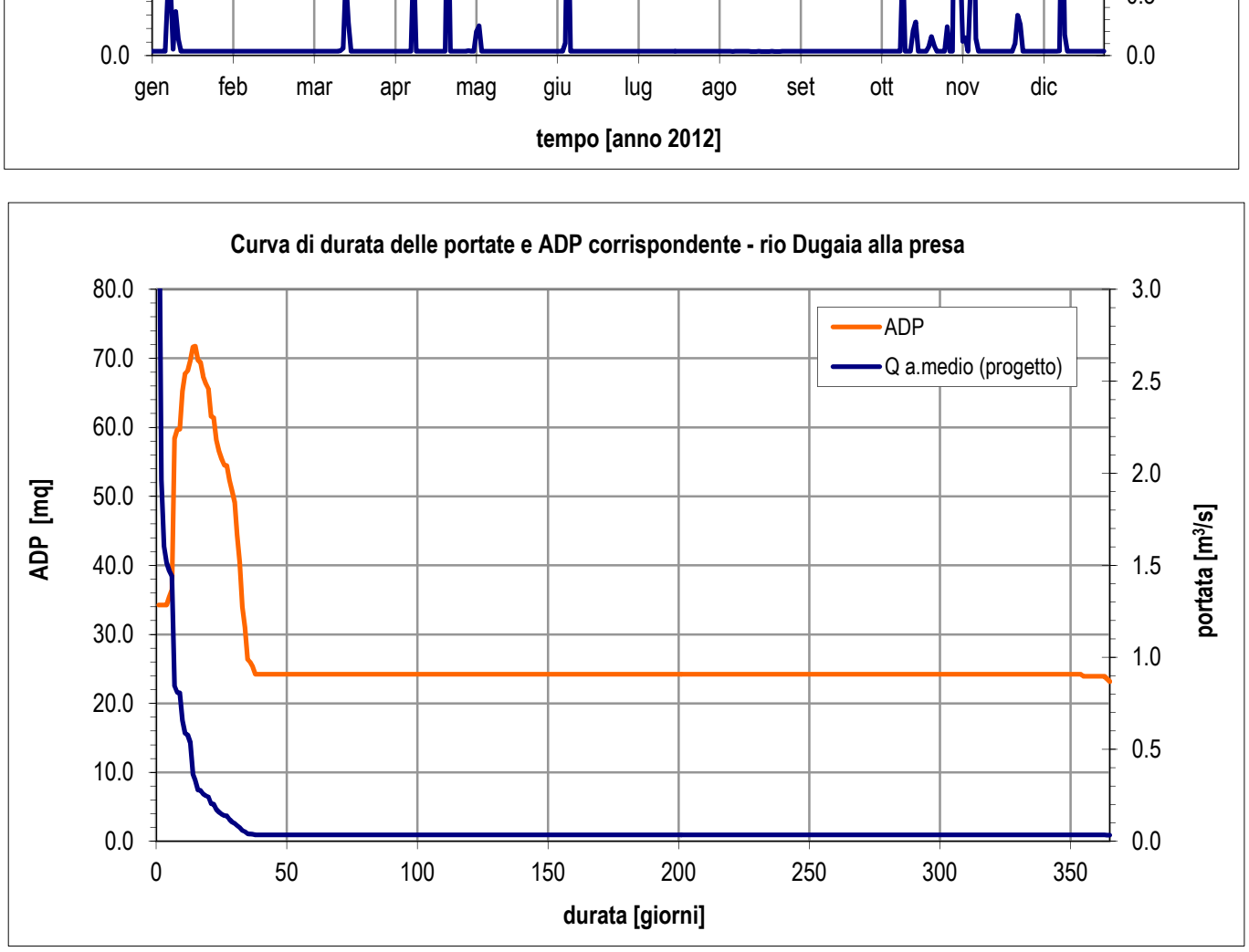

Curve di durata di portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
ADP
Q a.medio (naturale)
0
50
100
150
200
250
300
350
durata [giorni]

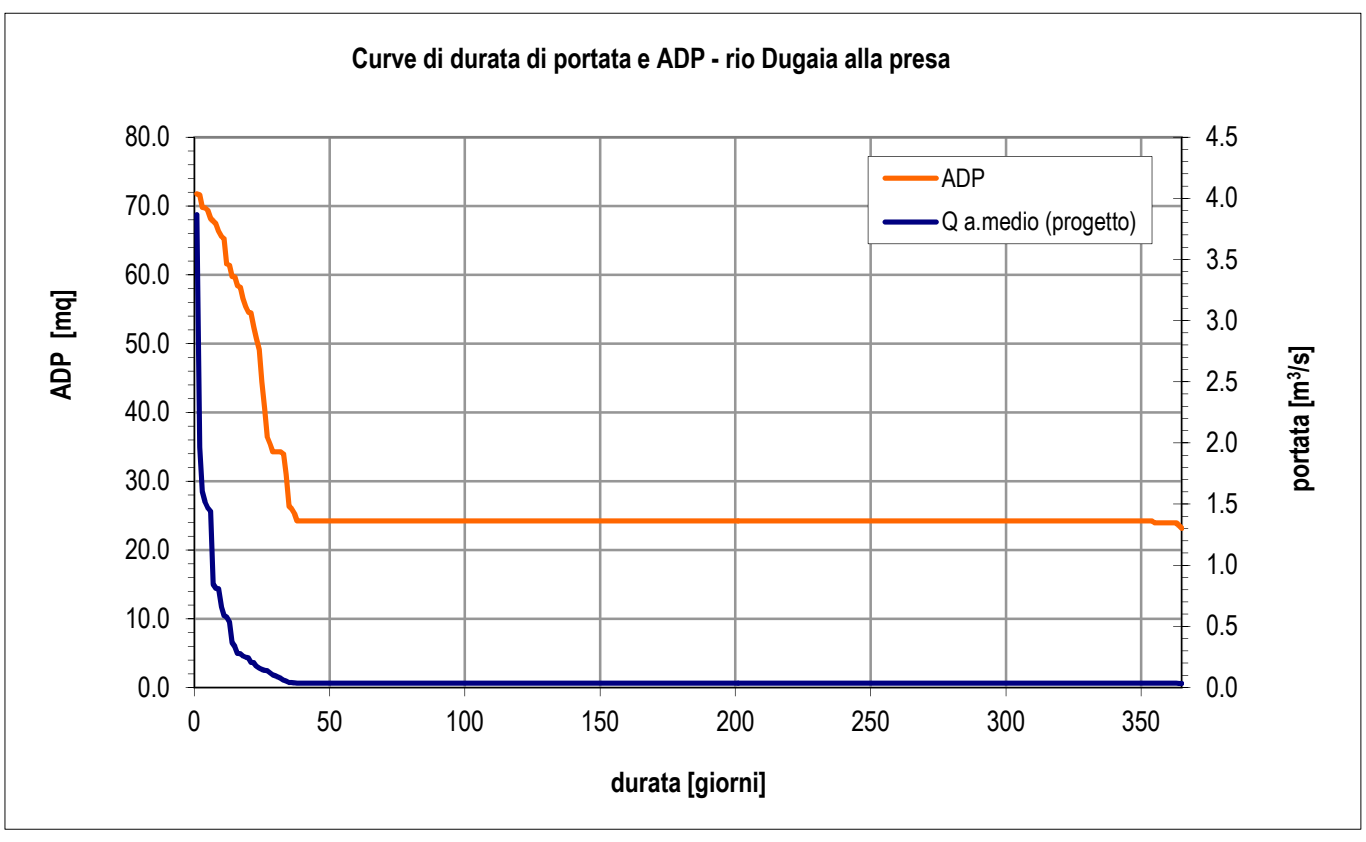

Idrogrammi portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP (vairone giovane)
Q a.medio (attuale)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]


Curva di durata delle portate e ADP corrispondente - rio Dugaia alla presa
ADP percentuale [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

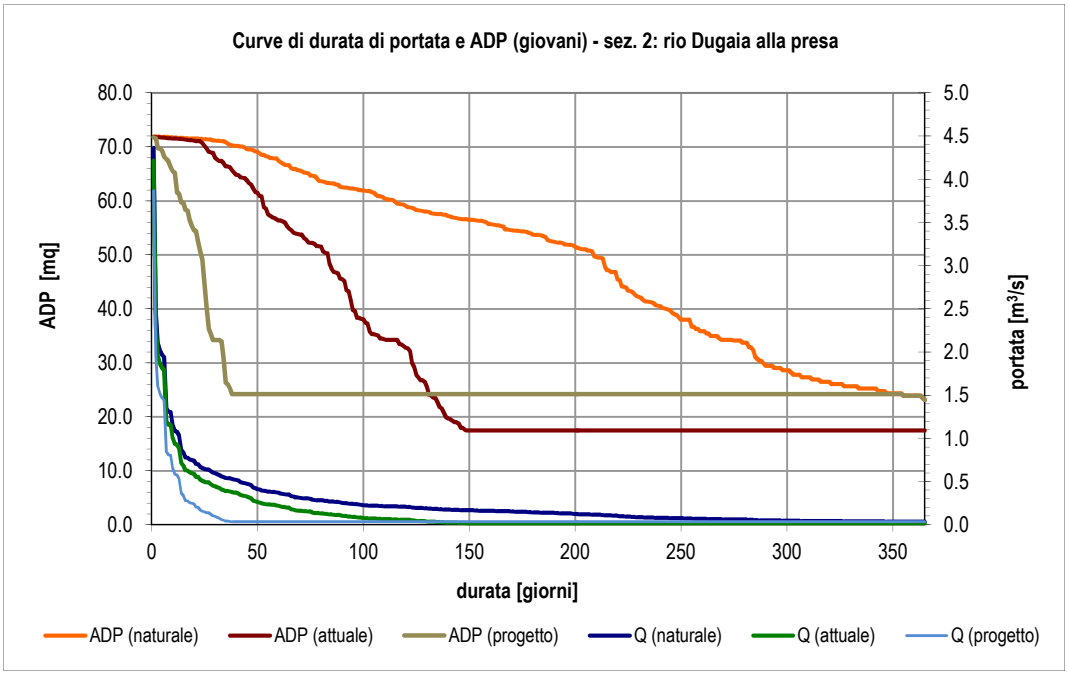

Curve di durata di portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

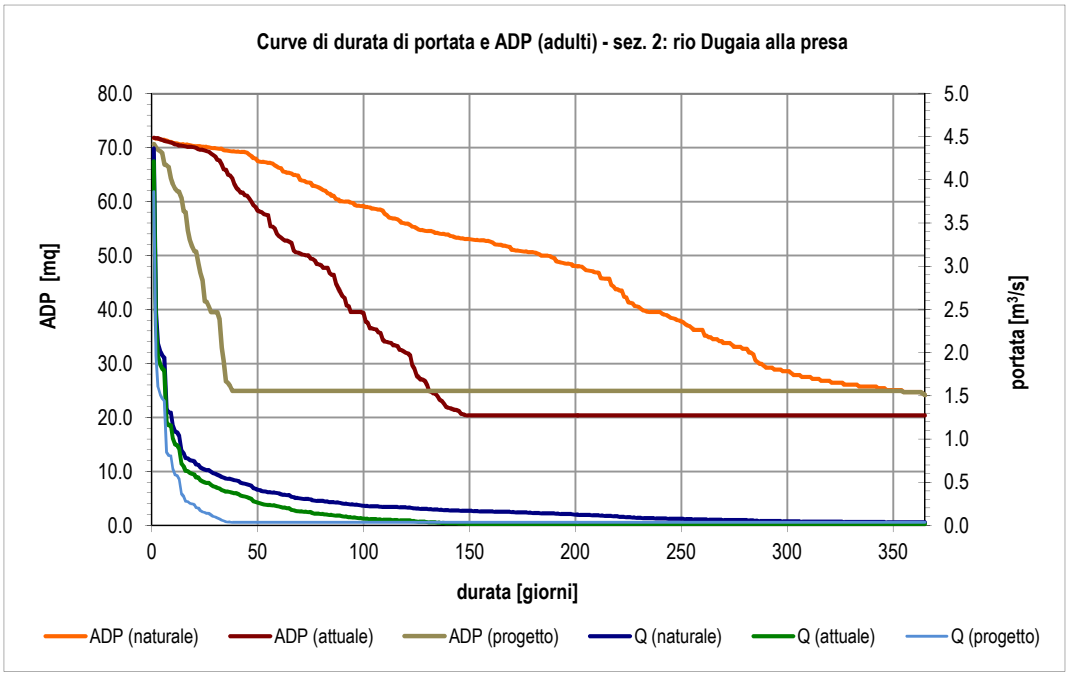

Idrogrammi portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP (vairone giovane)
Q a.medio (progetto)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]


Curva di durata delle portate e ADP corrispondente - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]


Curve di durata di portata e ADP - rio Dugaia alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

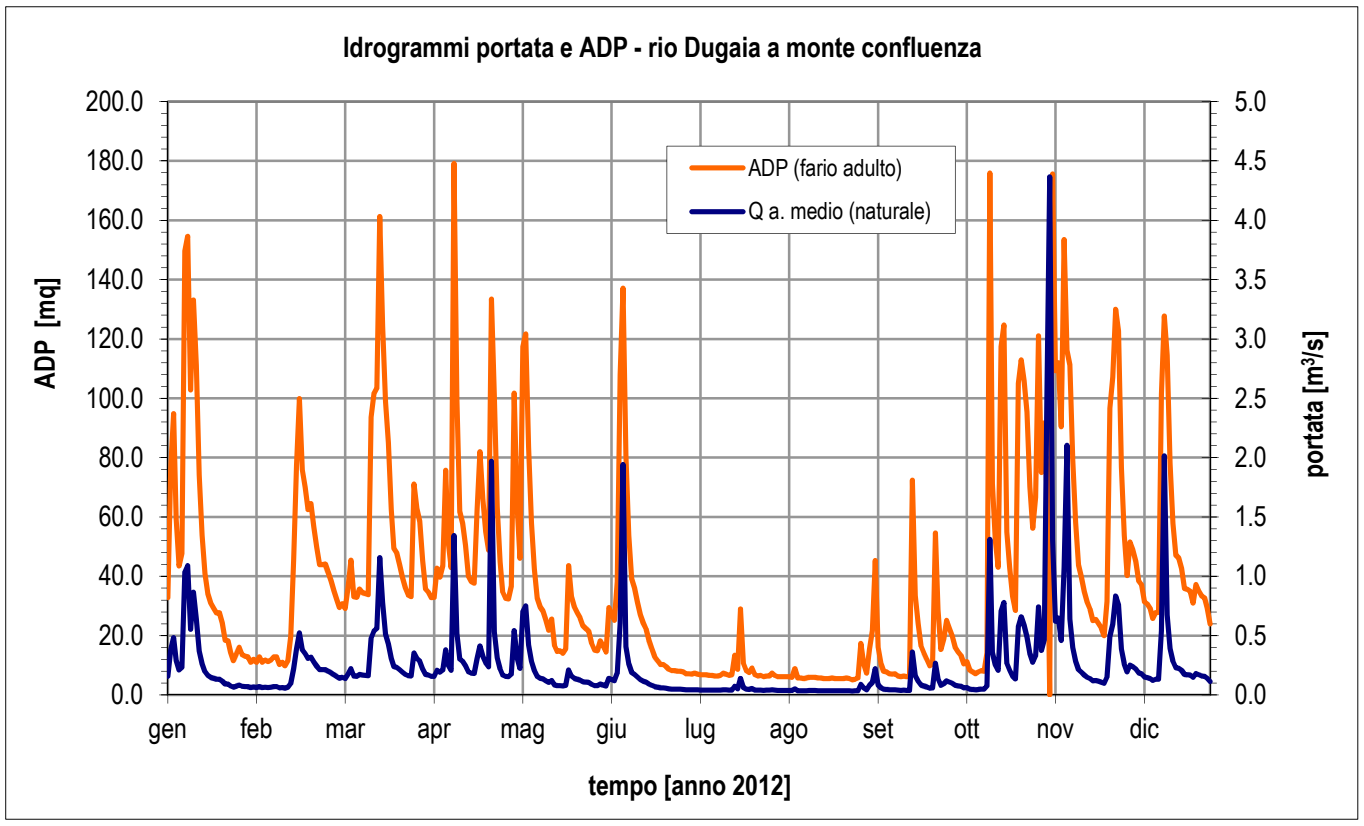
Confronto tra curve di durata Q e ADP (Vairone) per il sito di monitoraggio (S2 - Dugaia)

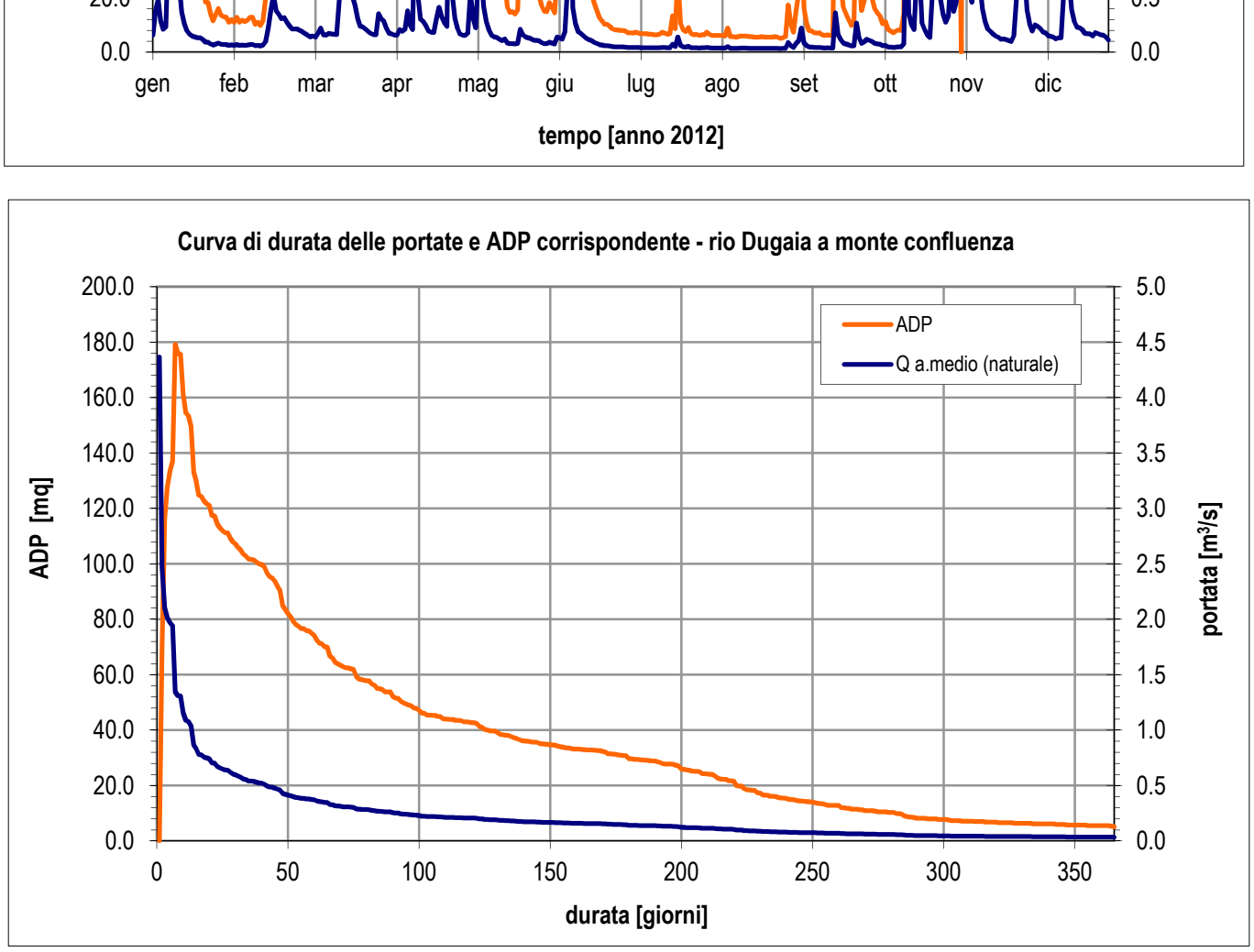


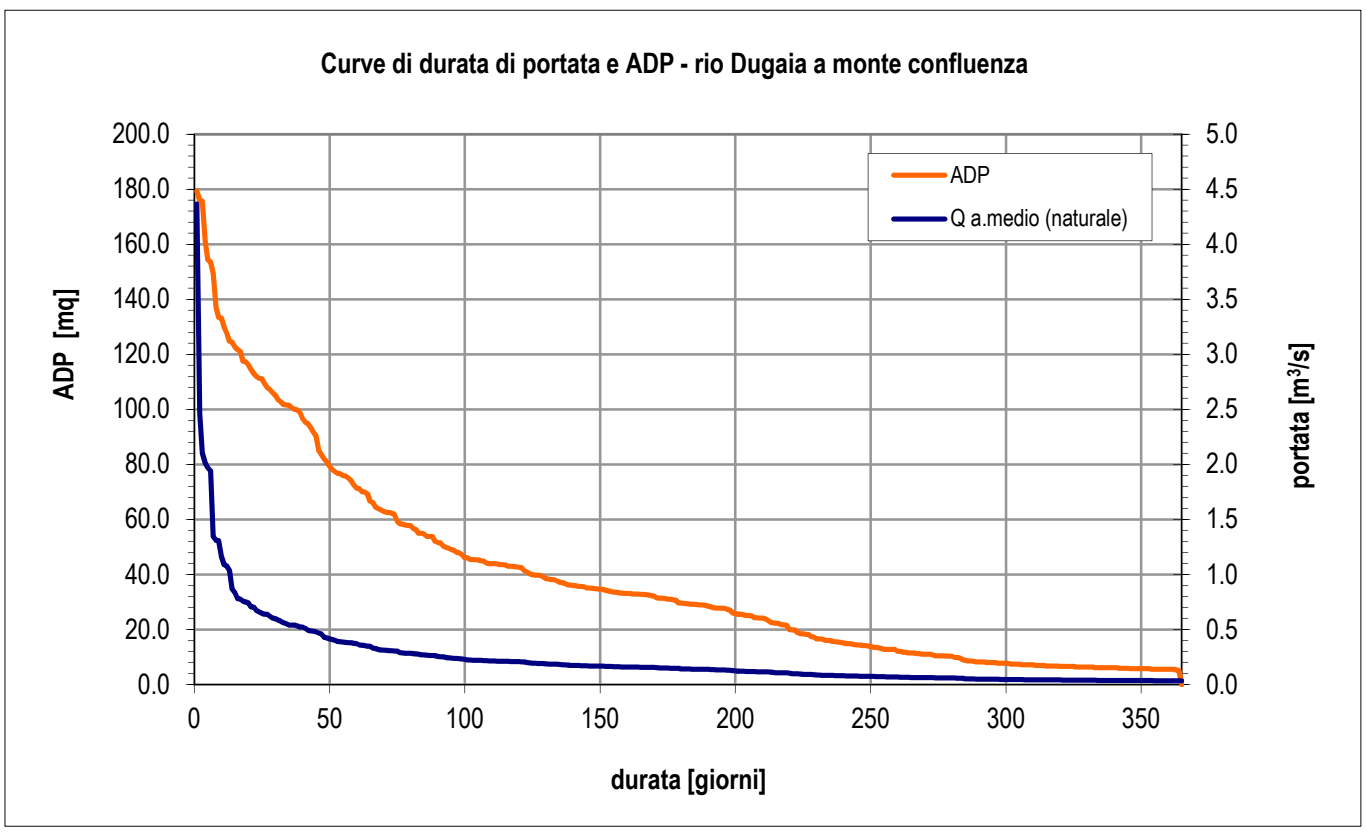


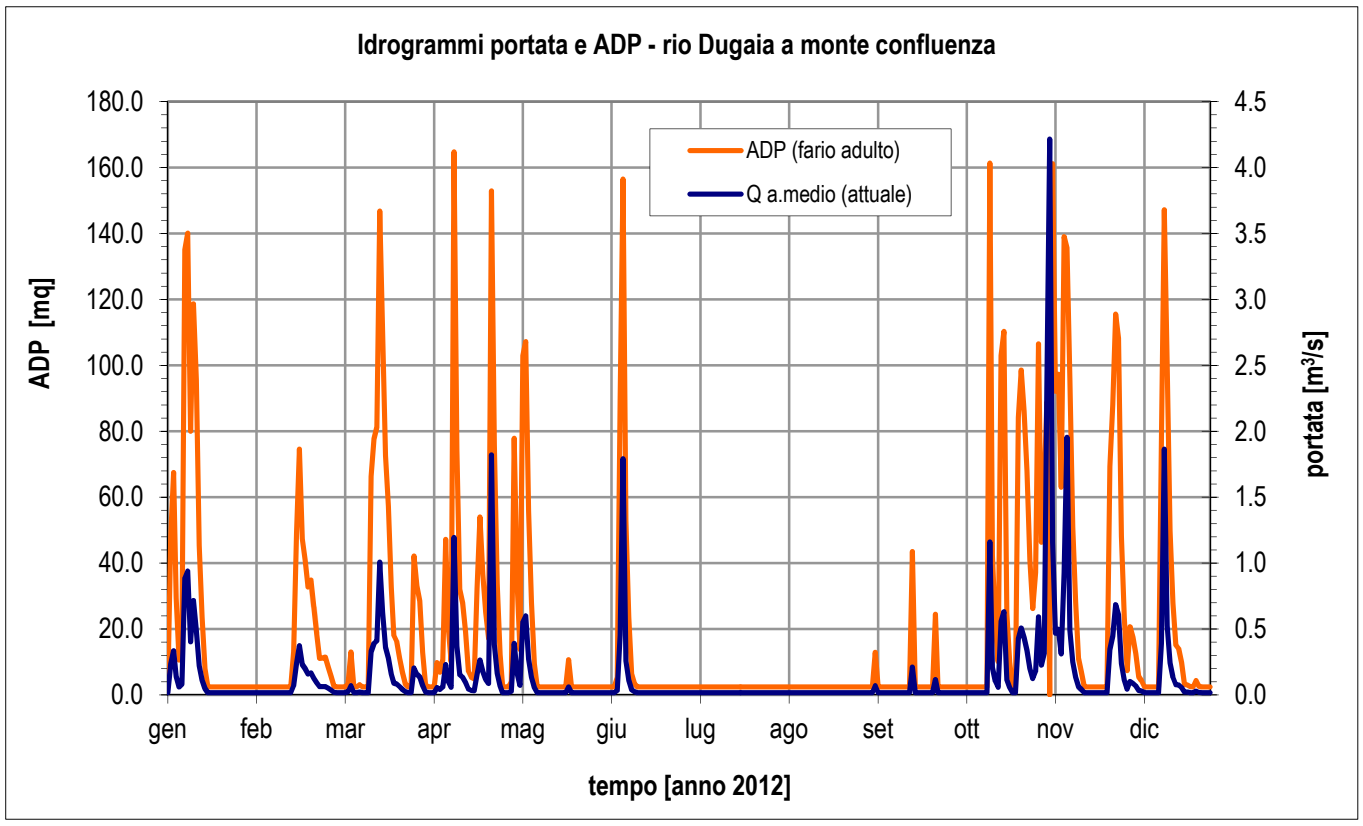
ALLEGATO 2 – Andamenti giornalieri e curve di durata delle ADP (Aree Disponibili Ponderate – m^2) negli scenari naturale, attuale e di progetto.

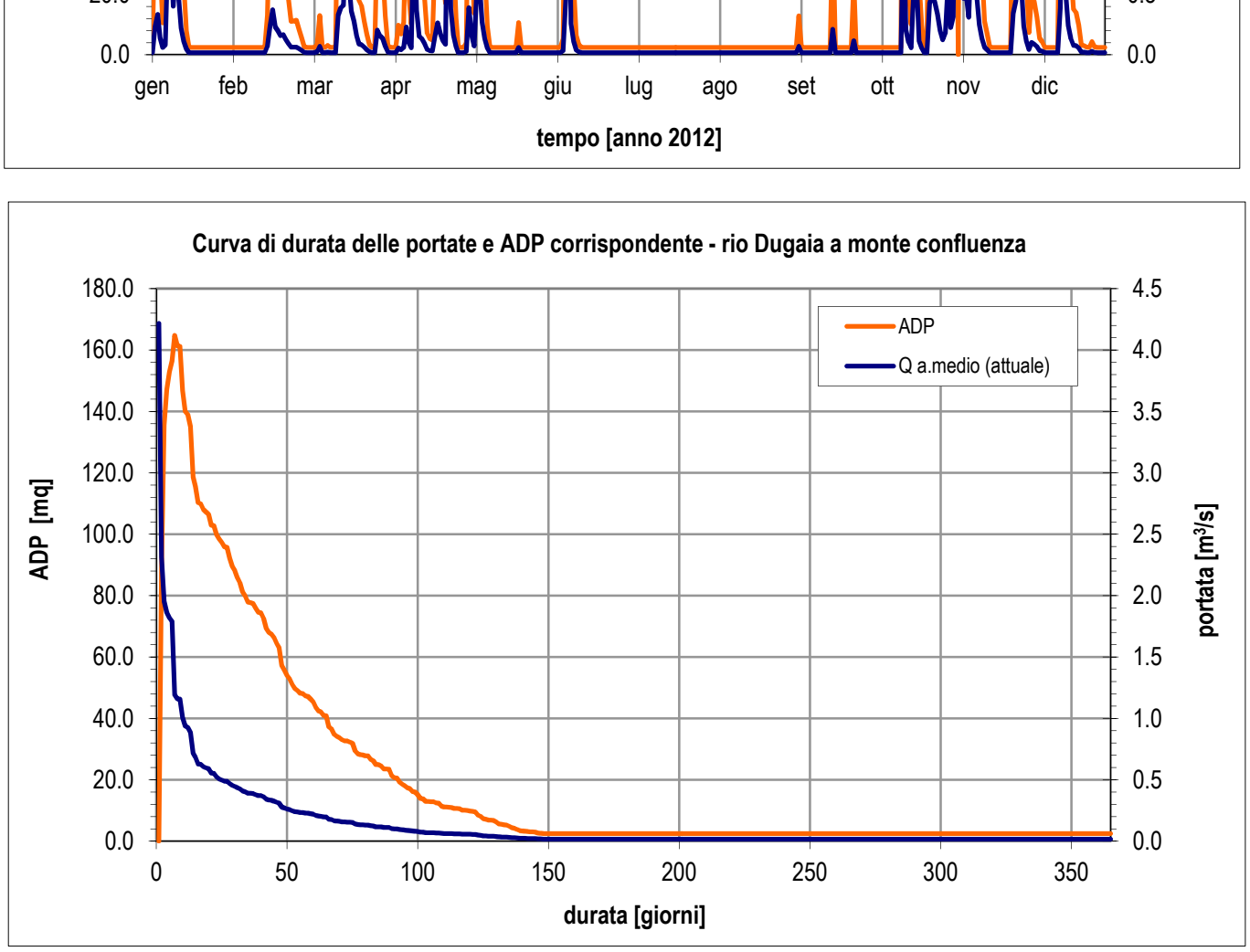
2.2 Dugaia 03

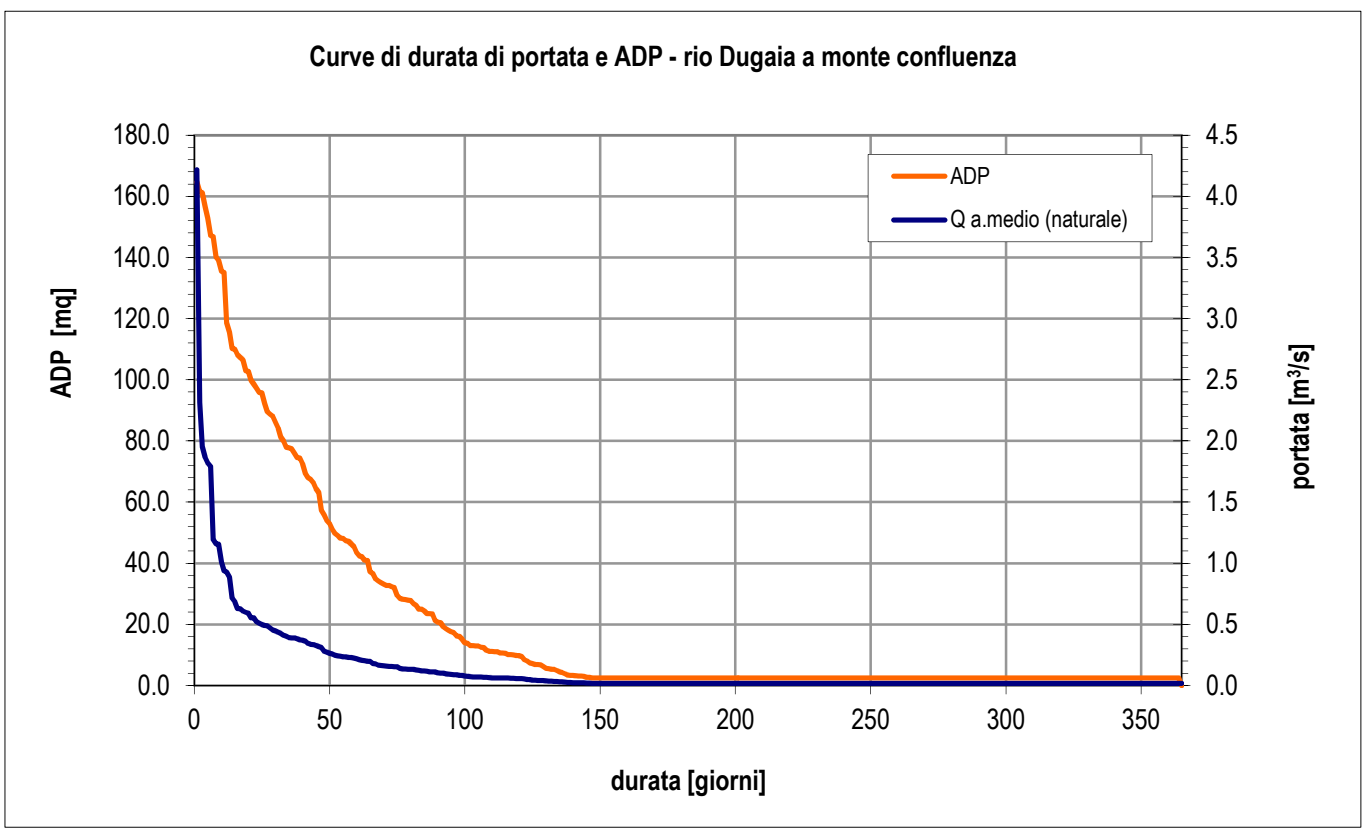

Idrogrammi portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP (fario adulto)
Q a. medio (naturale)
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

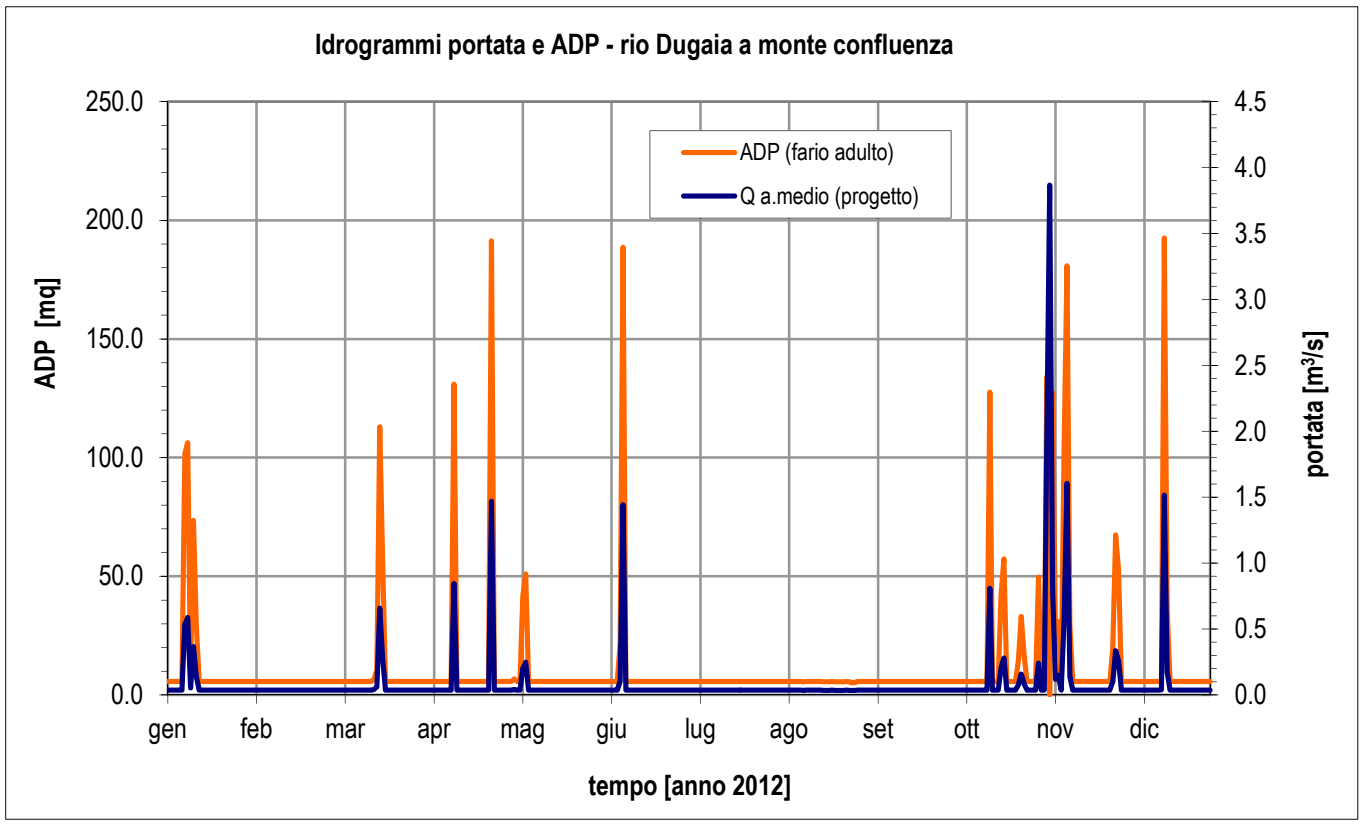

Curva di durata delle portate e ADP corrispondente - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

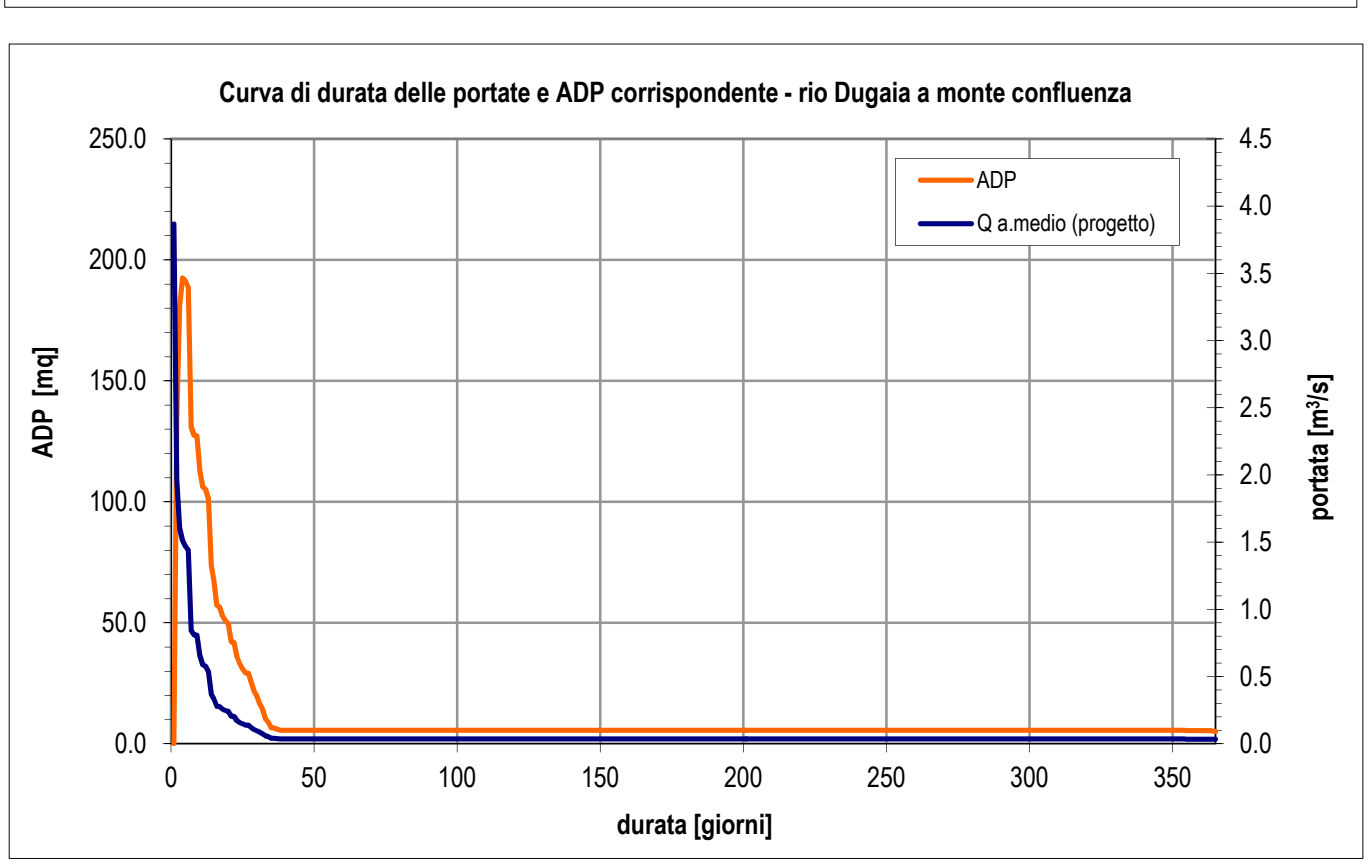

Curve di durata di portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

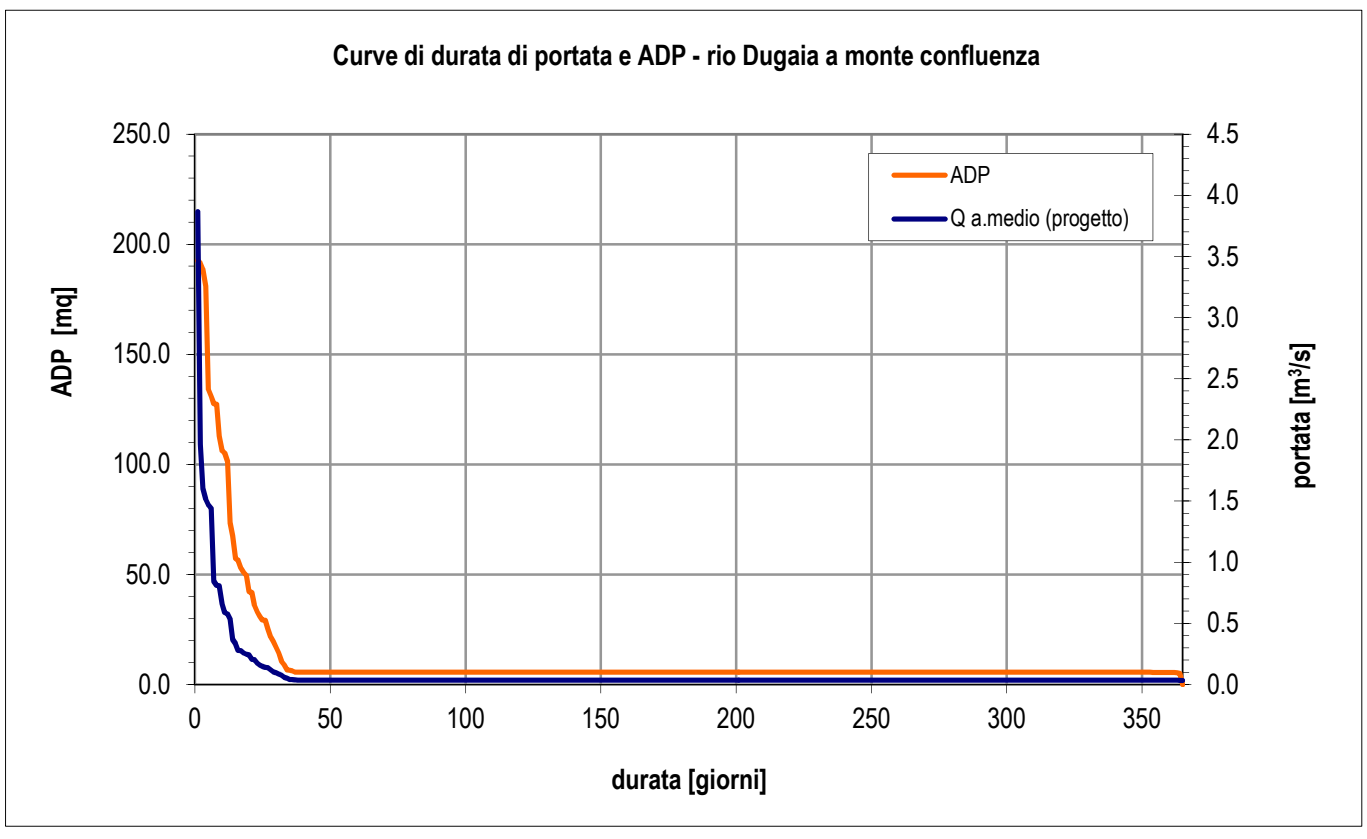

Idrogrammi portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP (fario adulto)
Q a.medio (attuale)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

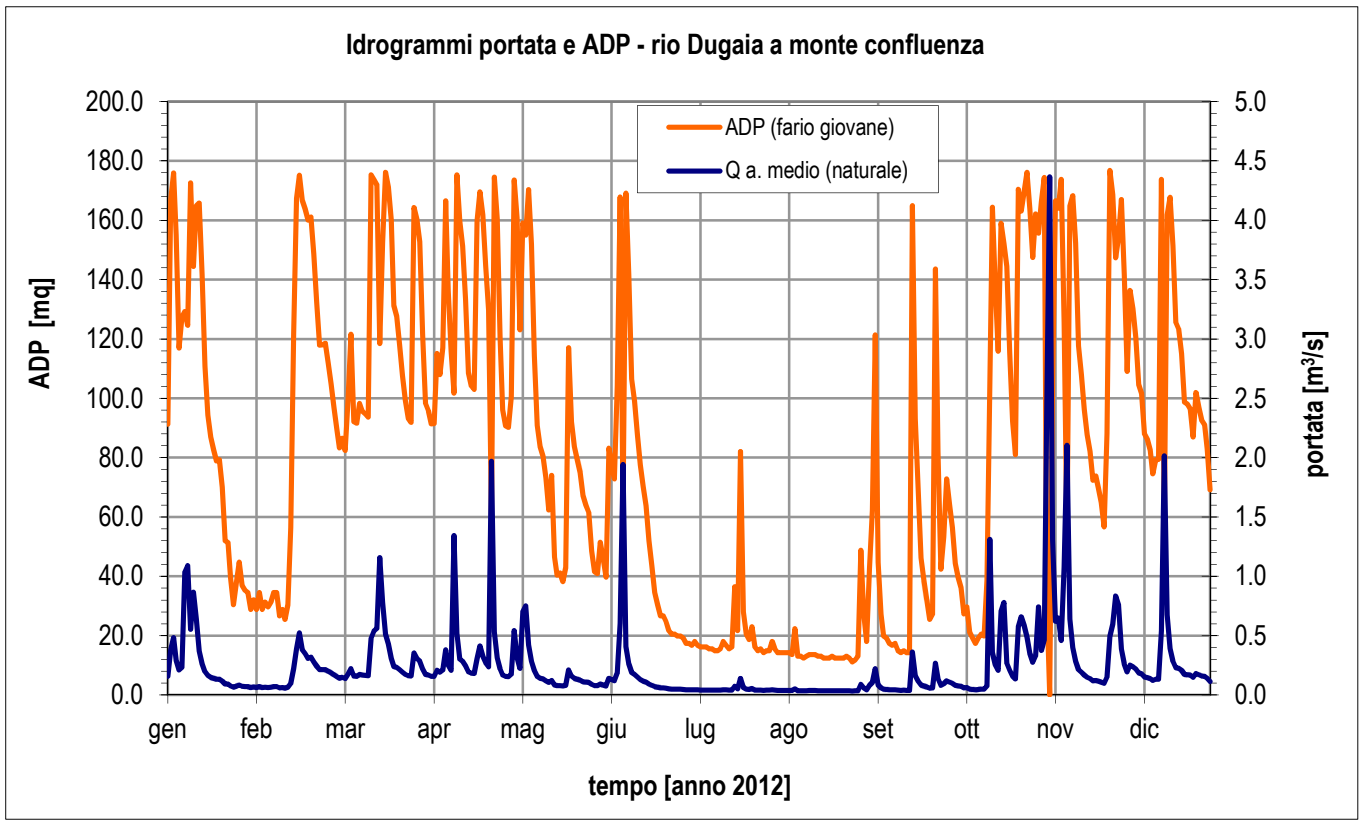

Curva di durata delle portate e ADP corrispondente - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

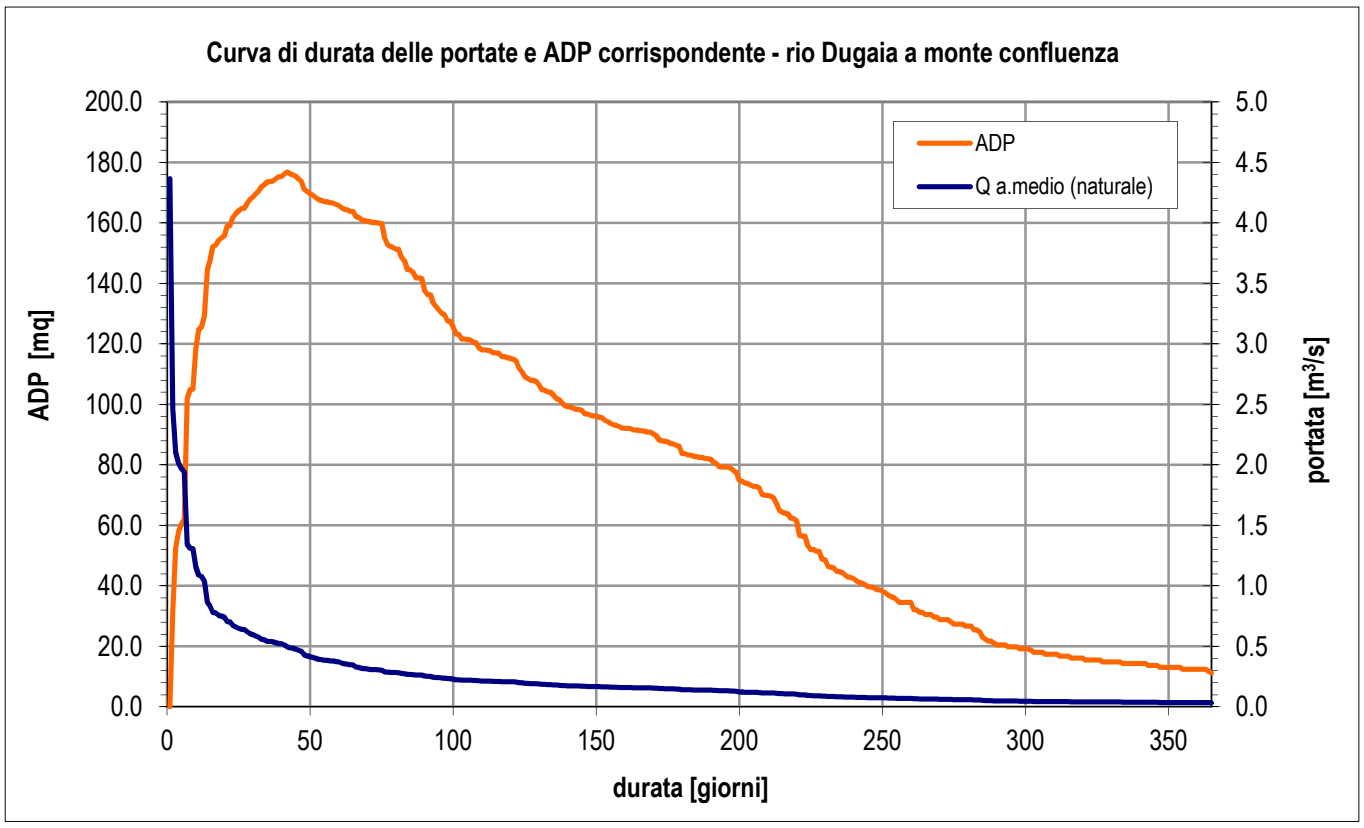

Curve di durata di portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

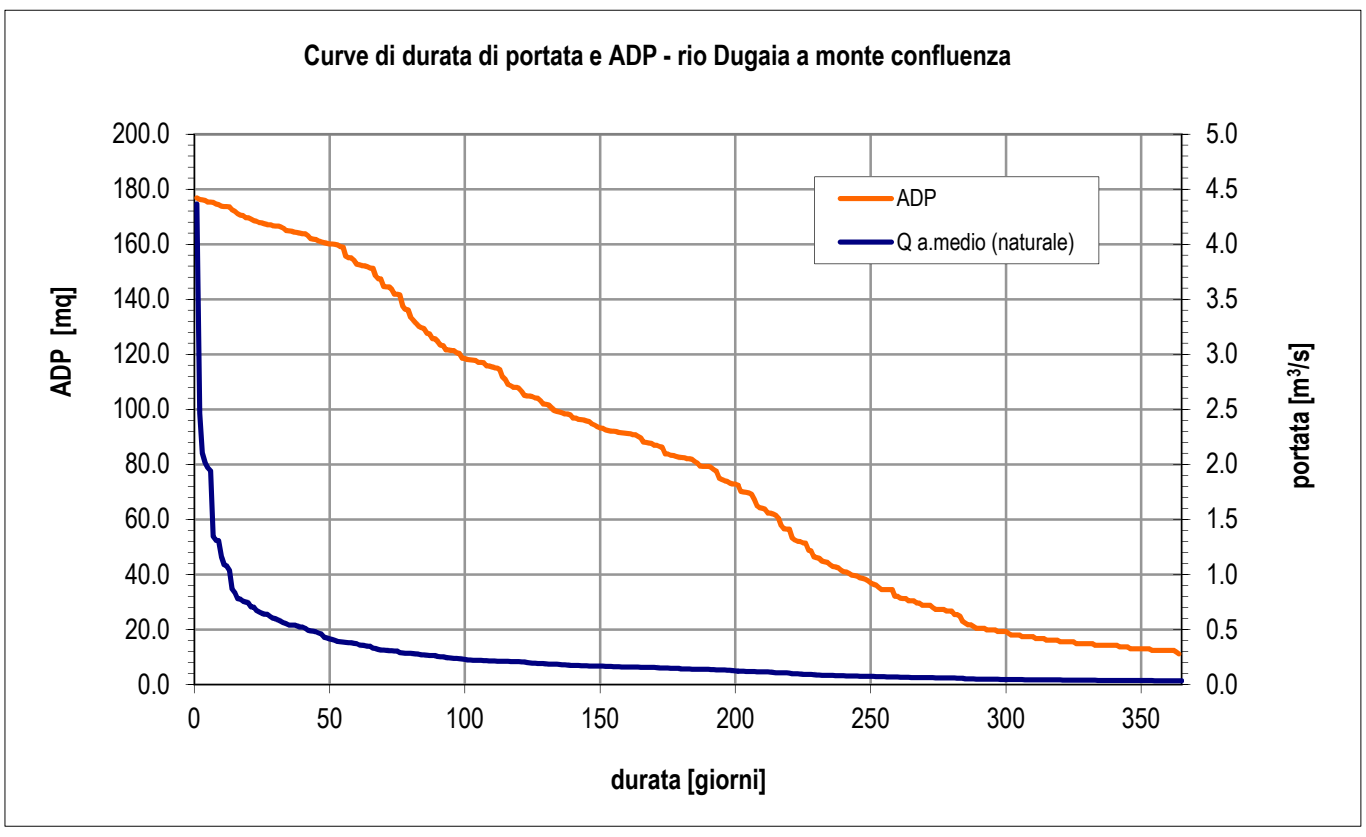

Idrogrammi portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP (fario adulto)
Q a.medio (progetto)
250.0
200.0
150.0
100.0
50.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

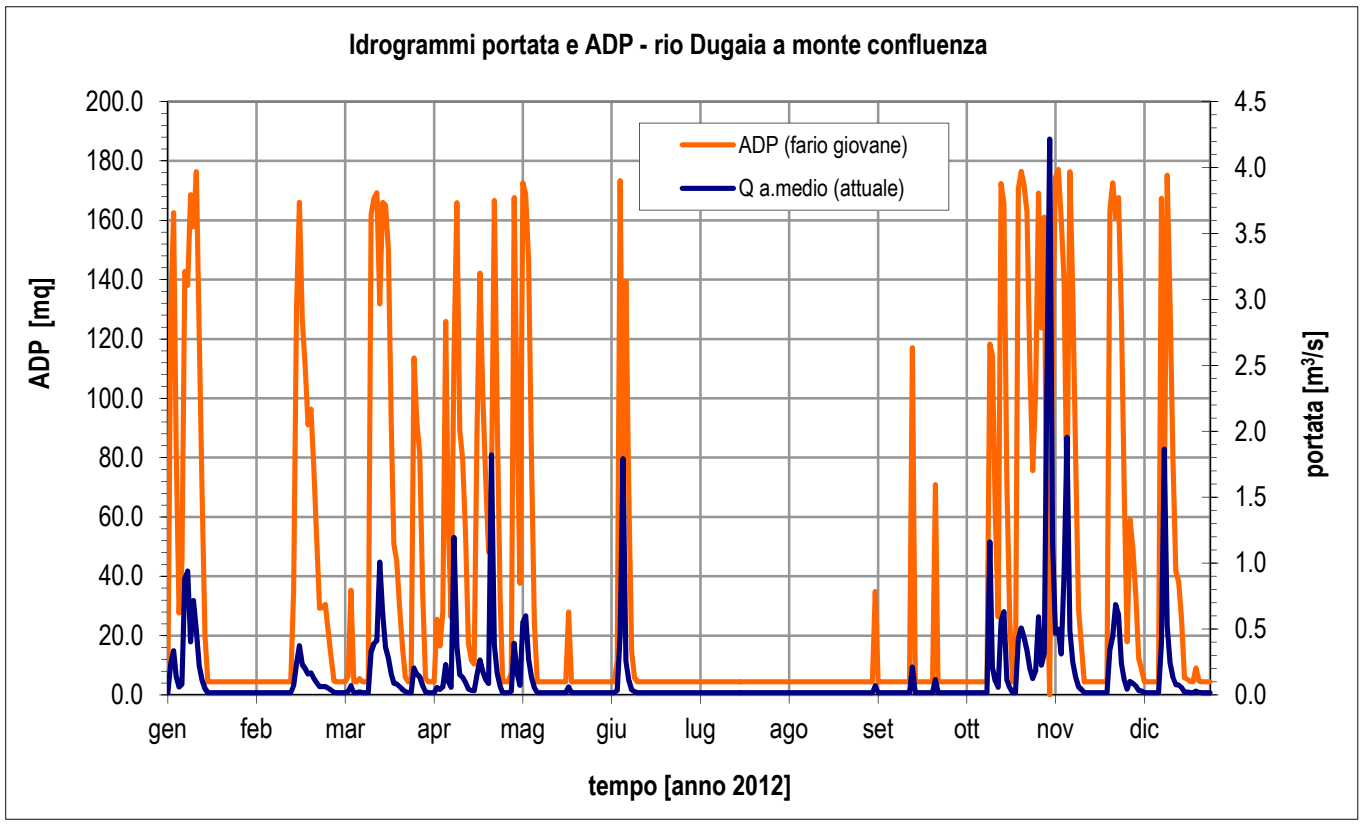

Curva di durata delle portate e ADP corrispondente - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
250.0
200.0
150.0
100.0
50.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

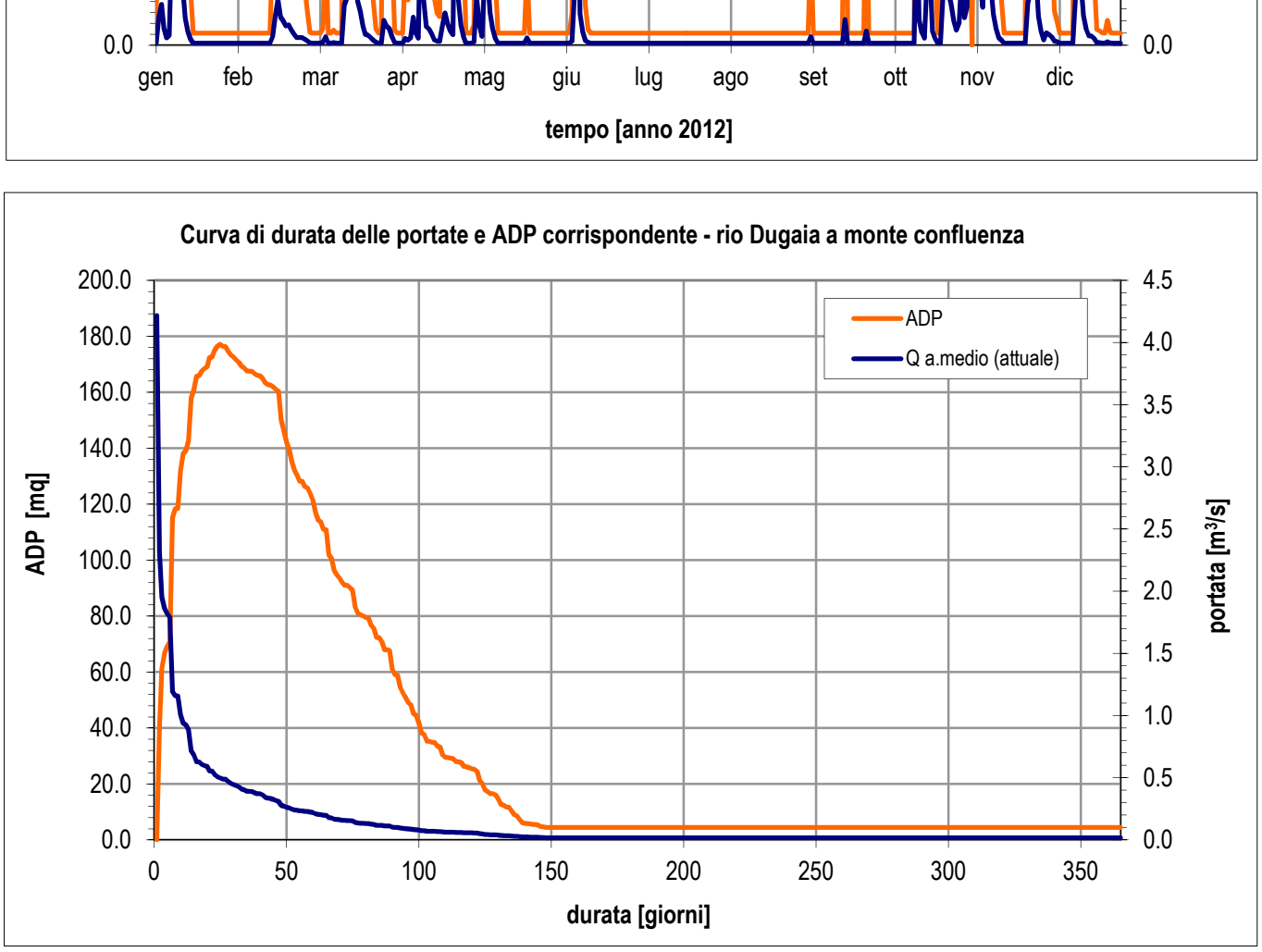

Curve di durata di portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
250.0
200.0
150.0
100.0
50.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

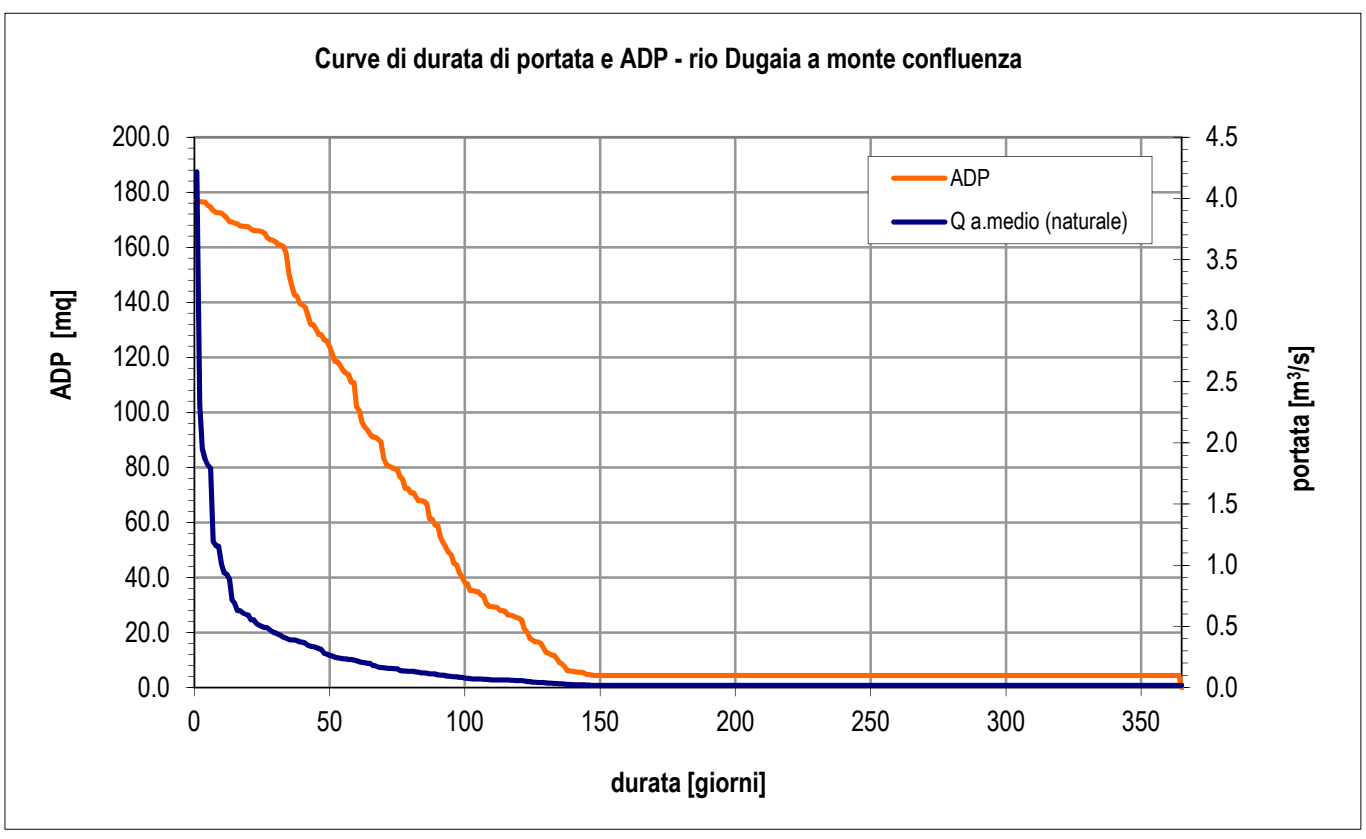

Idrogrammi portata e ADP - rio Dugaia a monte confluenza
ADP (fario giovane)
Q a. medio (naturale)
ADP [mq]
portata [m³/s]
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

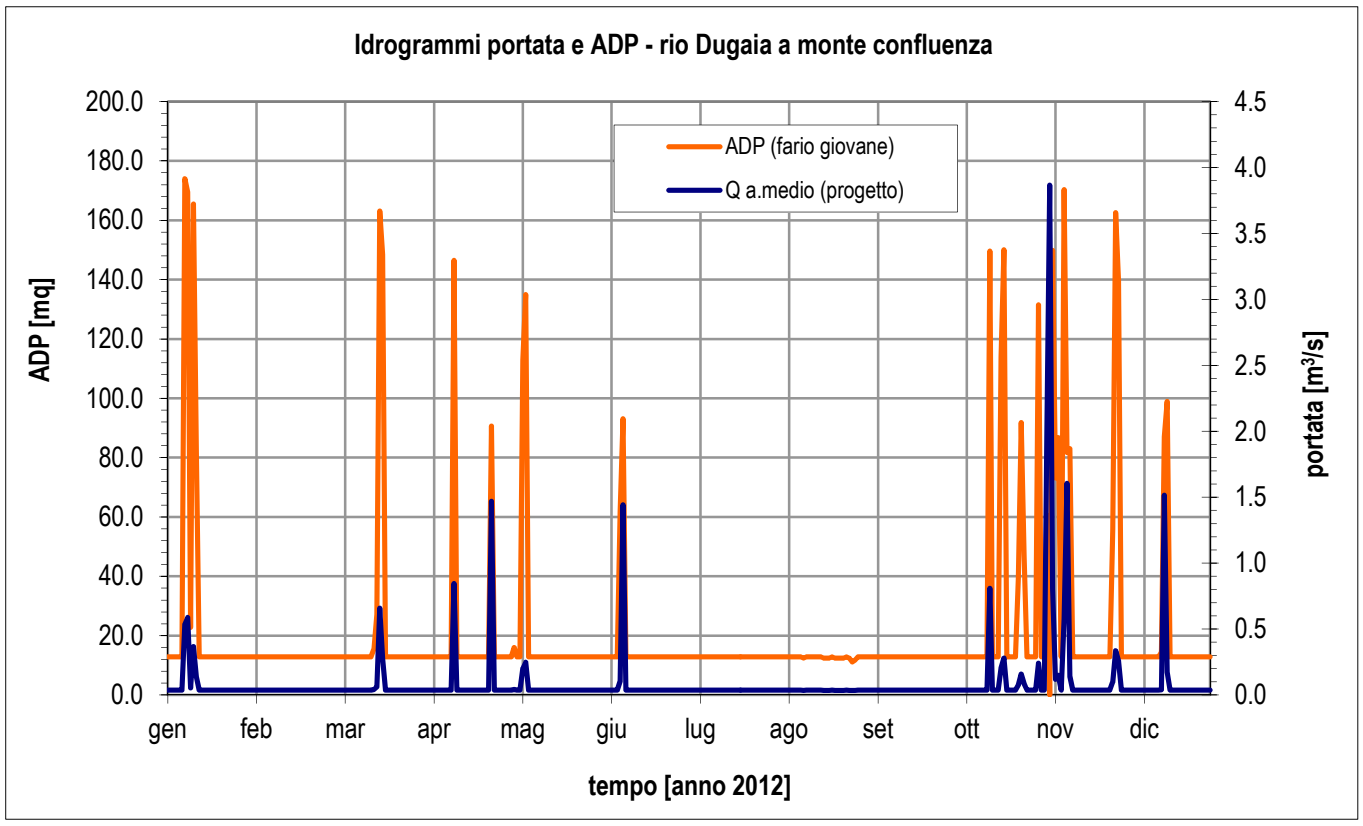

Curva di durata delle portate e ADP corrispondente - rio Dugaia a monte confluenza
ADP
Q a.medio (naturale)
ADP [mq]
portata [m³/s]
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

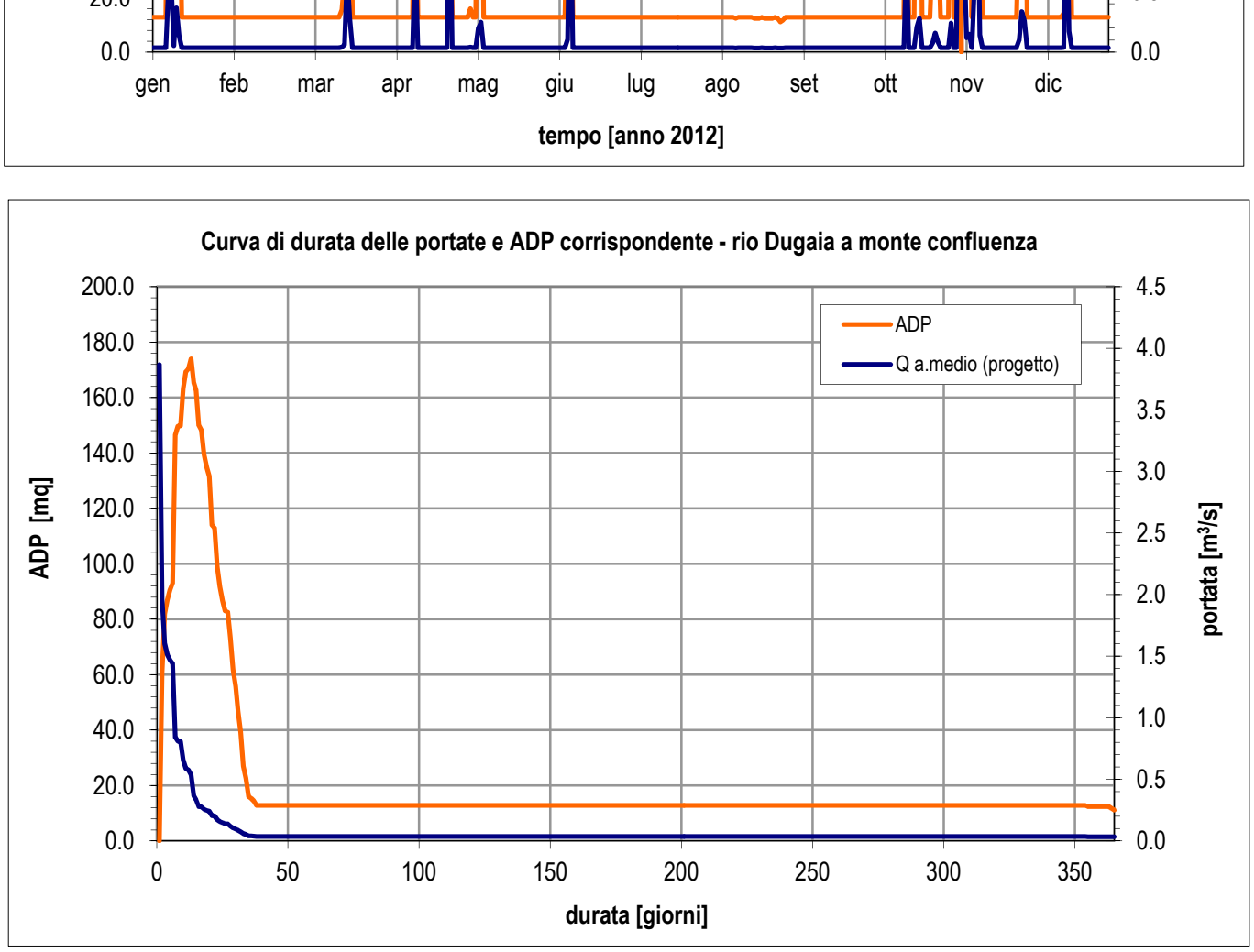

Curve di durata di portata e ADP - rio Dugaia a monte confluenza
ADP
Q a.medio (naturale)
ADP [mq]
portata [m³/s]
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

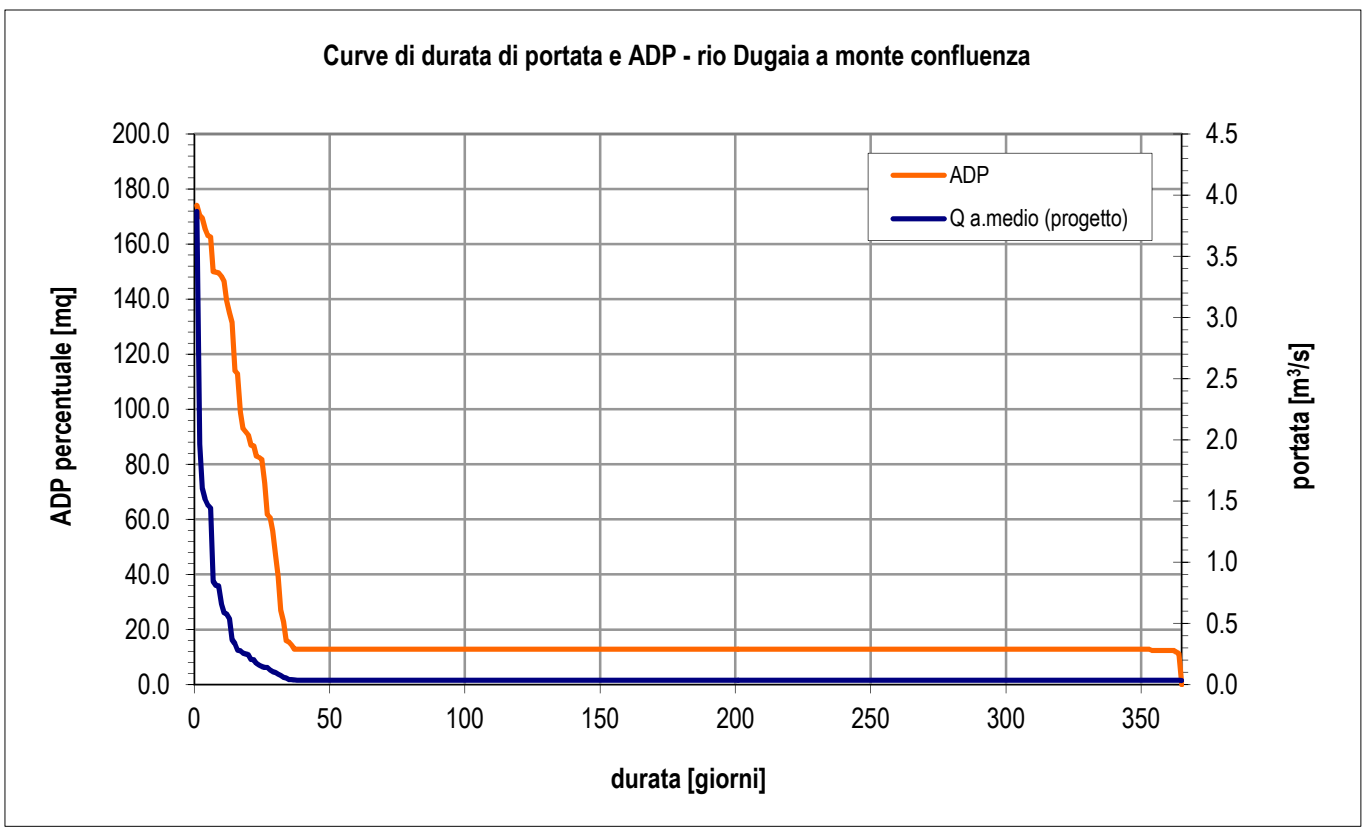

Idrogrammi portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP (fario giovane)
Q a.medio (attuale)
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

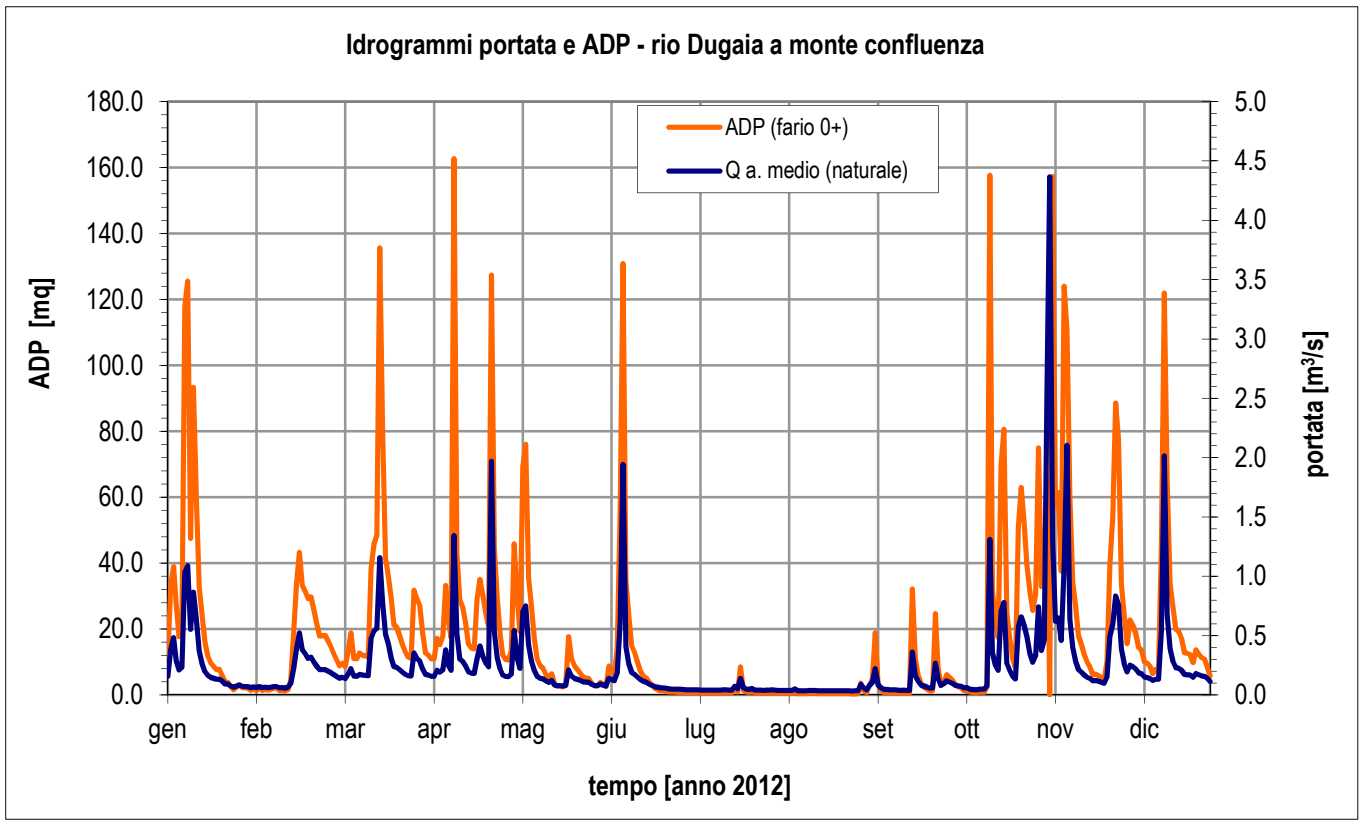

Curva di durata delle portate e ADP corrispondente - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

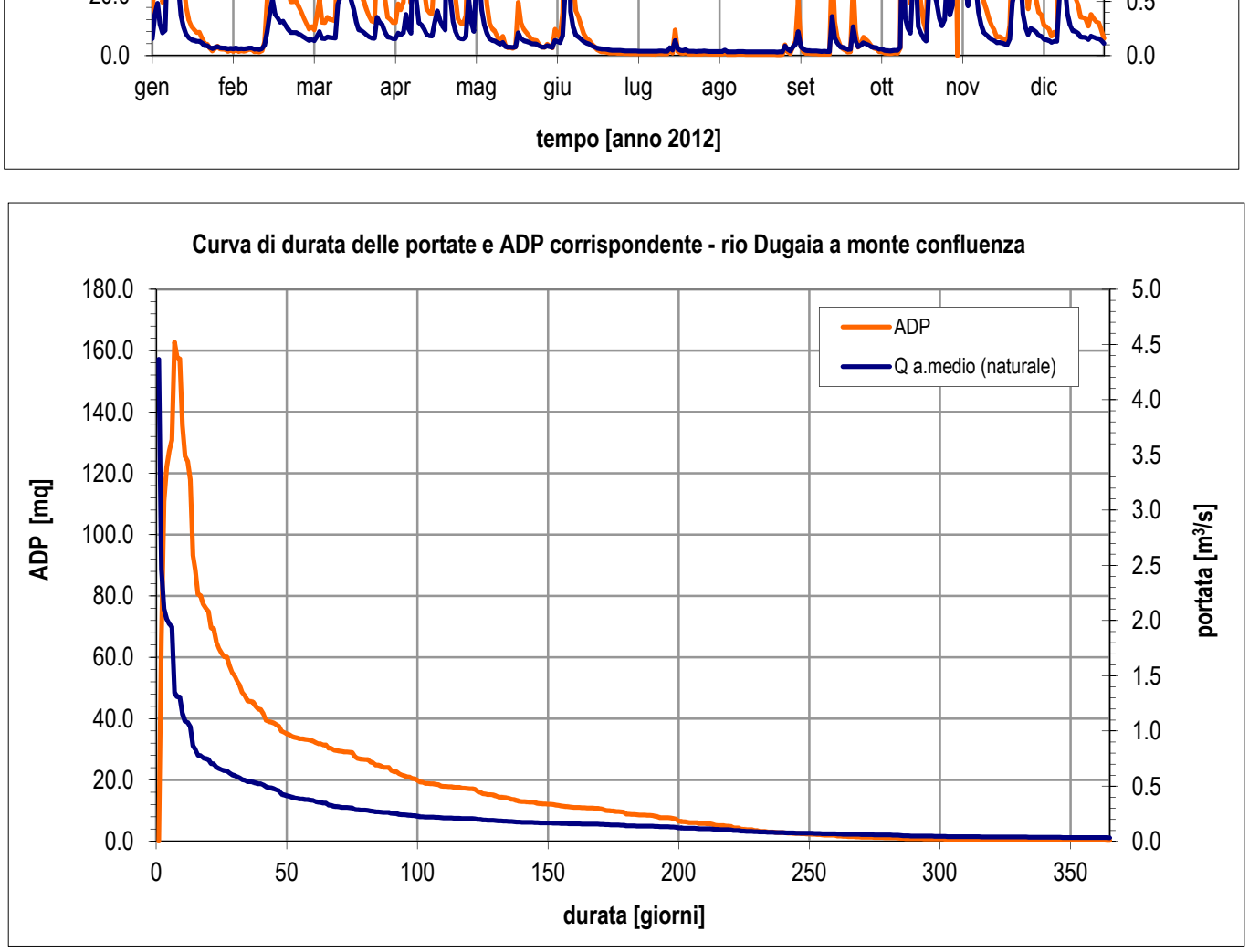

Curve di durata di portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

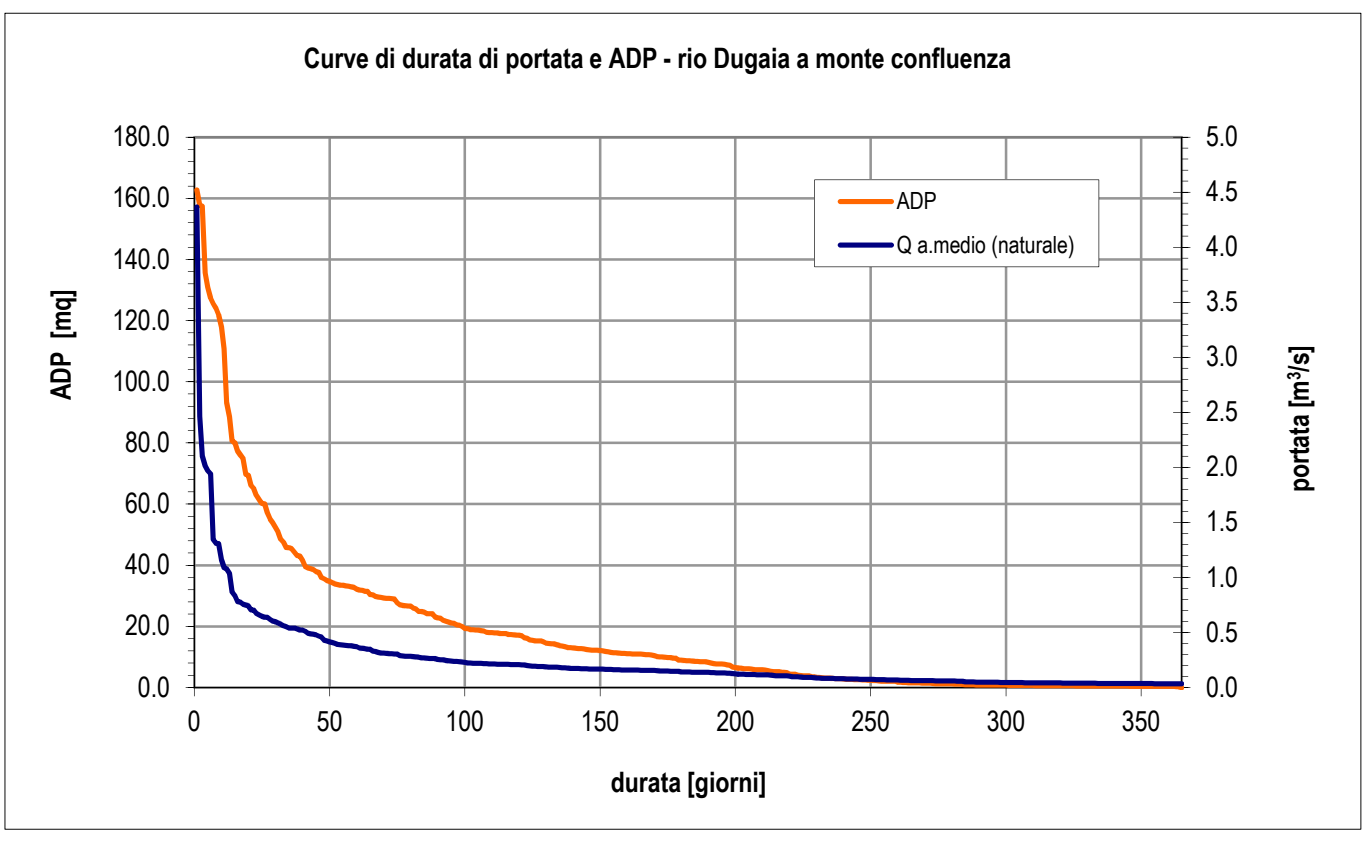

Idrogrammi portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP (fario giovane)
Q a.medio (progetto)
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
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giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

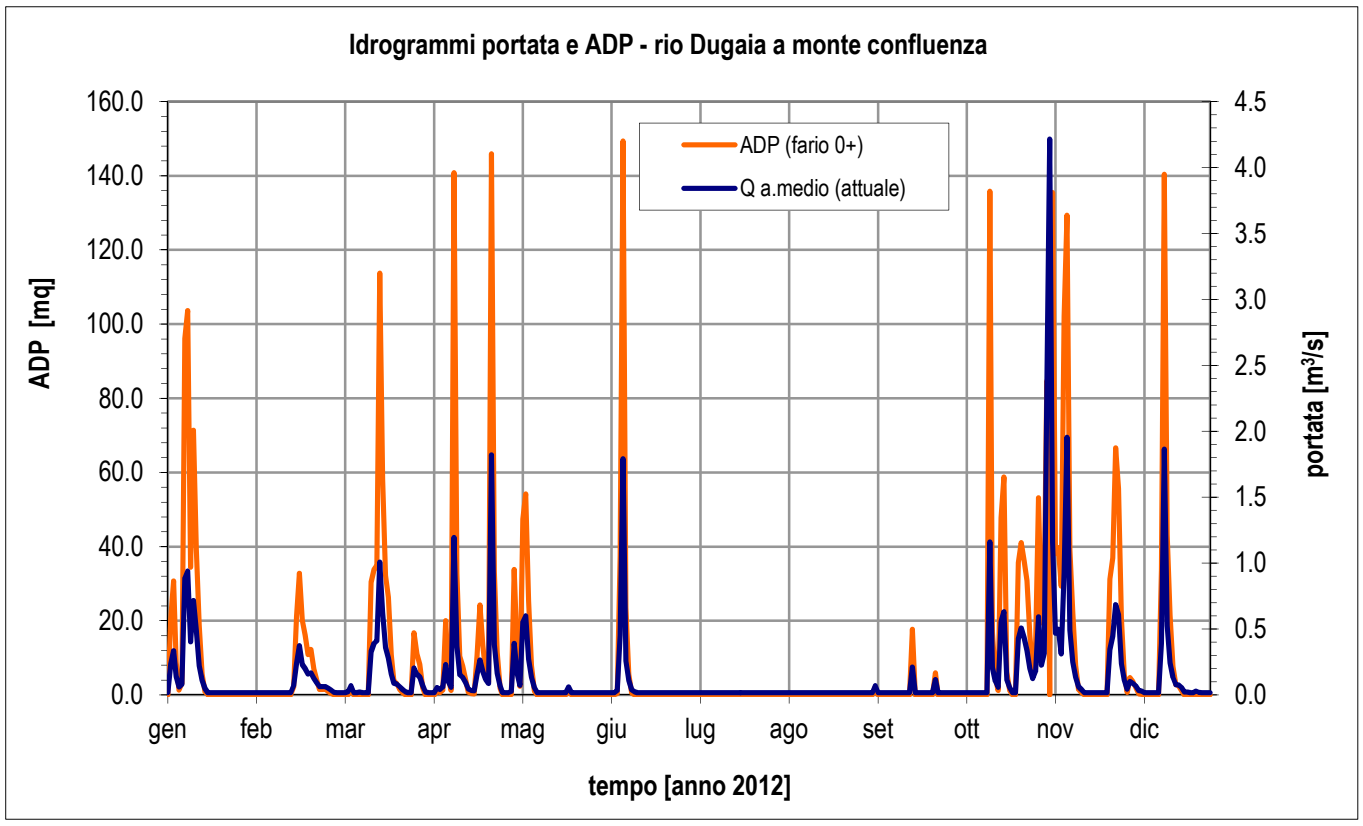

Curva di durata delle portate e ADP corrispondente - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

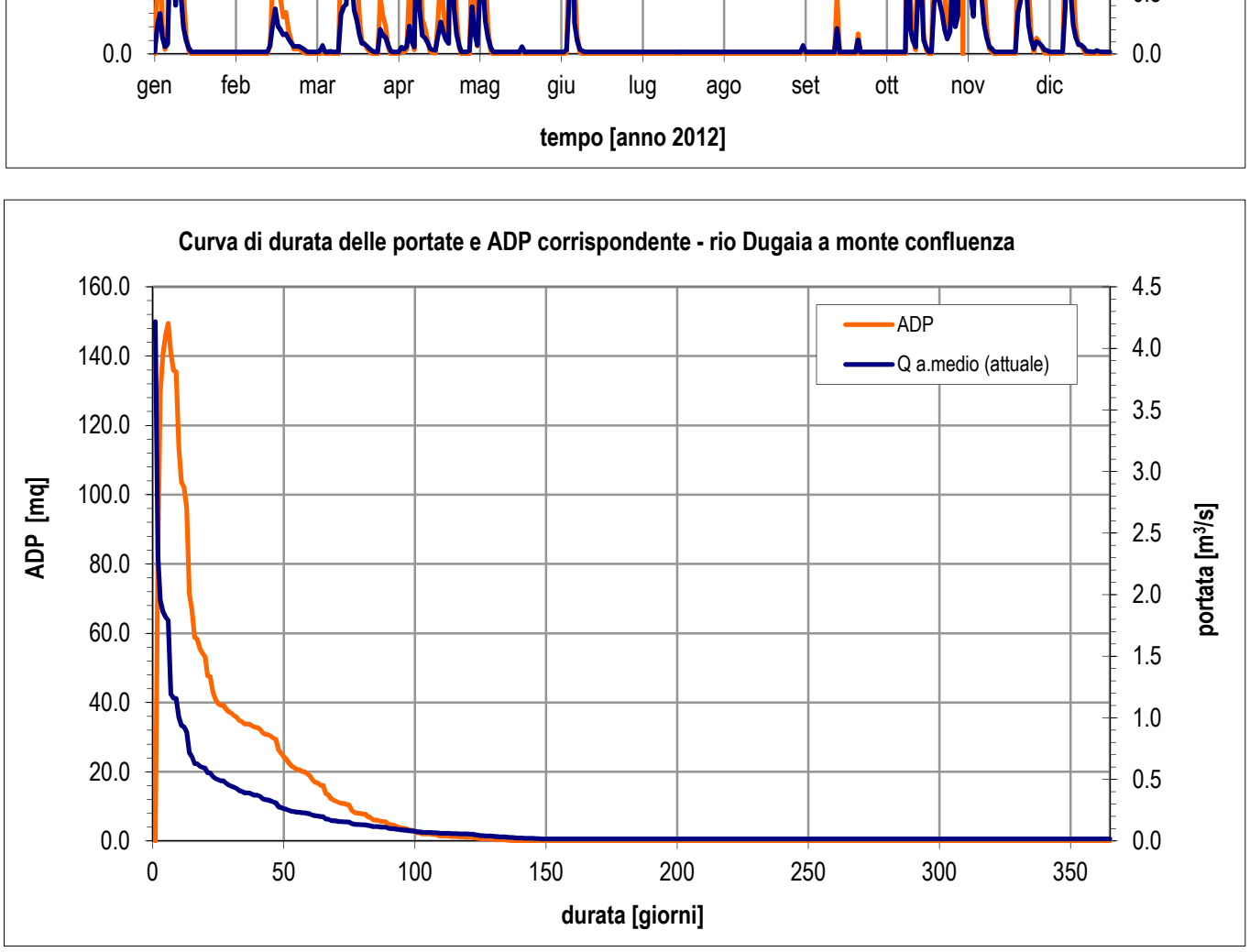

Curve di durata di portata e ADP - rio Dugaia a monte confluenza
ADP percentuale [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

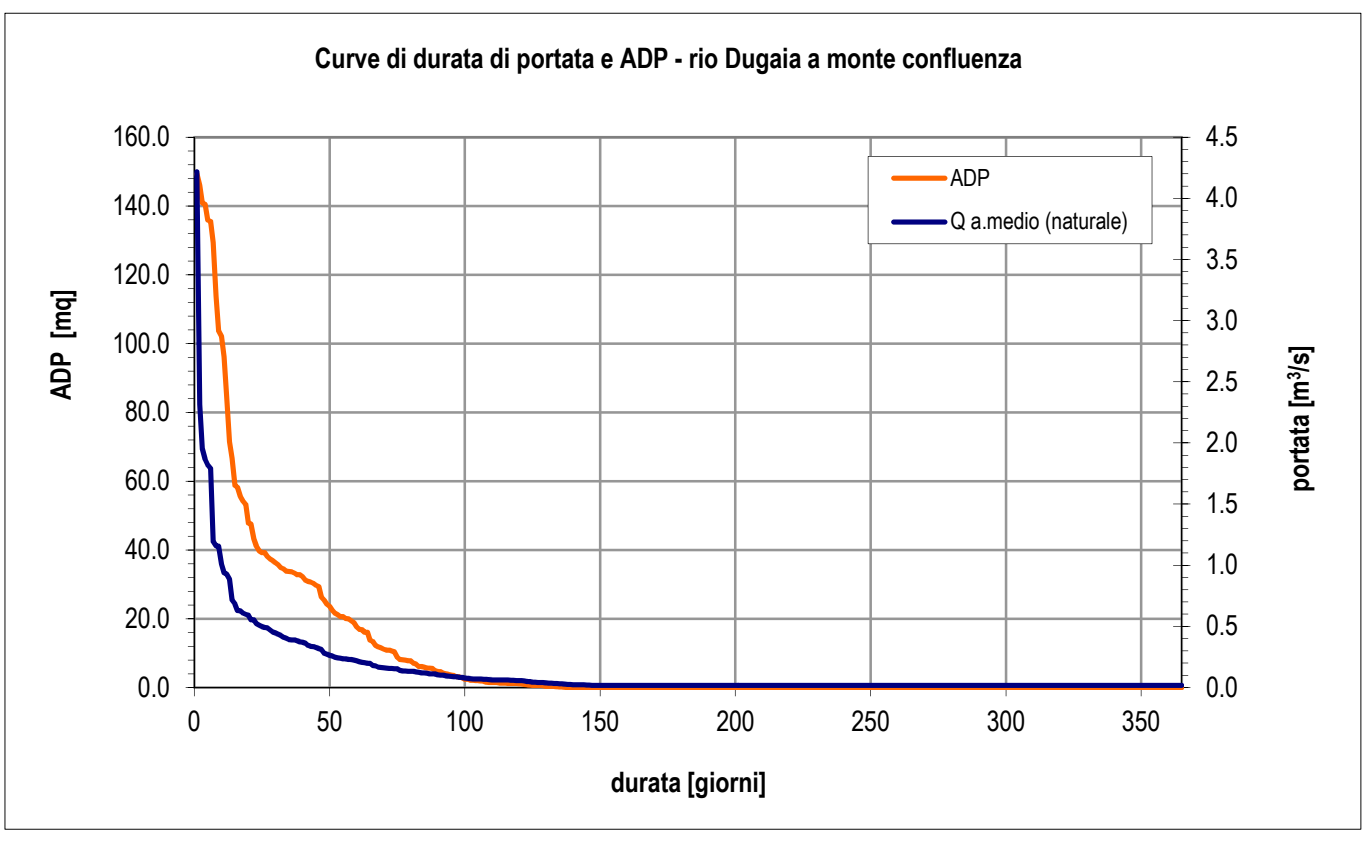

Idrogrammi portata e ADP - rio Dugaia a monte confluenza
ADP (fario 0+)
Q a. medio (naturale)
ADP [mq]
portata [m³/s]
tempo [anno 2012]
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic

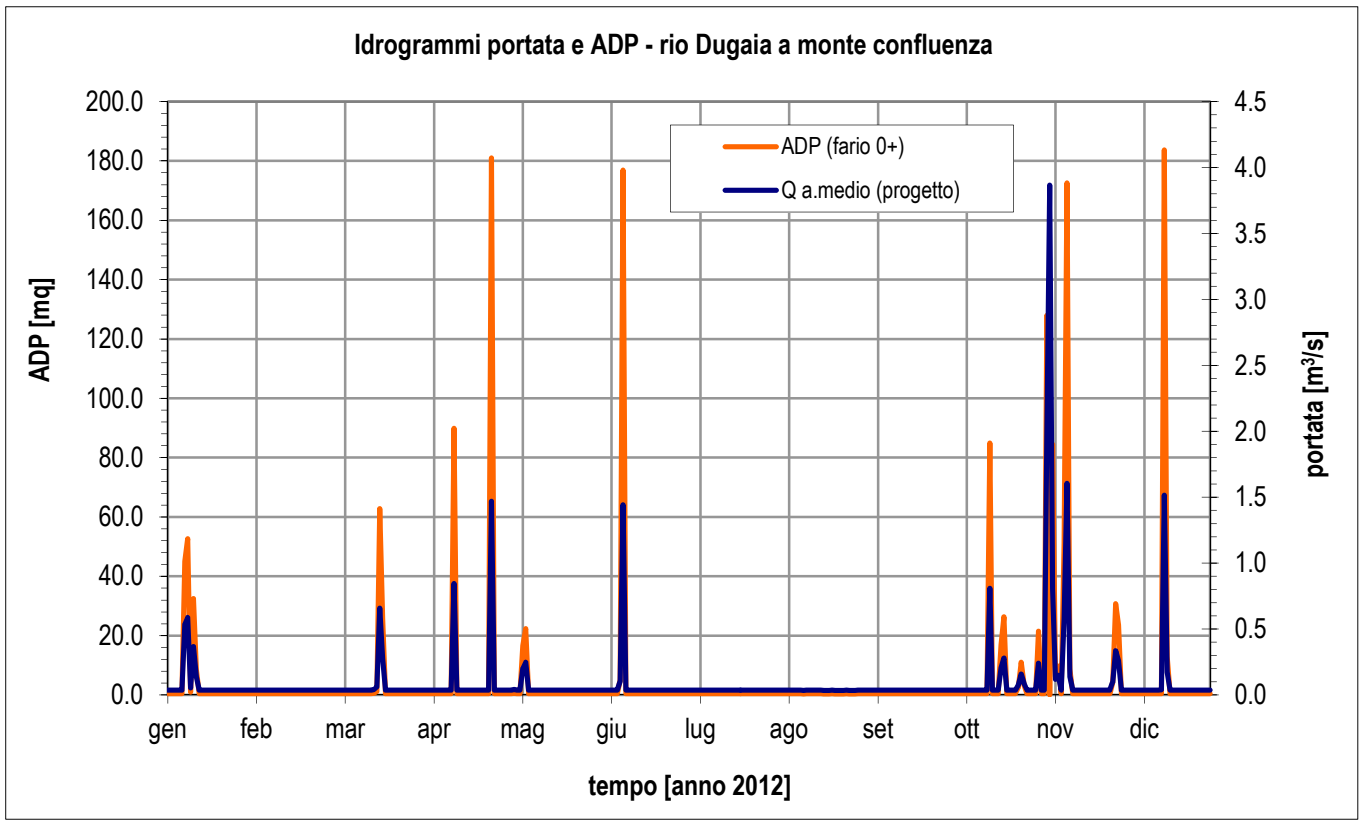

Curva di durata delle portate e ADP corrispondente - rio Dugaia a monte confluenza
ADP
Q a.medio (naturale)
ADP [mq]
portata [m³/s]
durata [giorni]

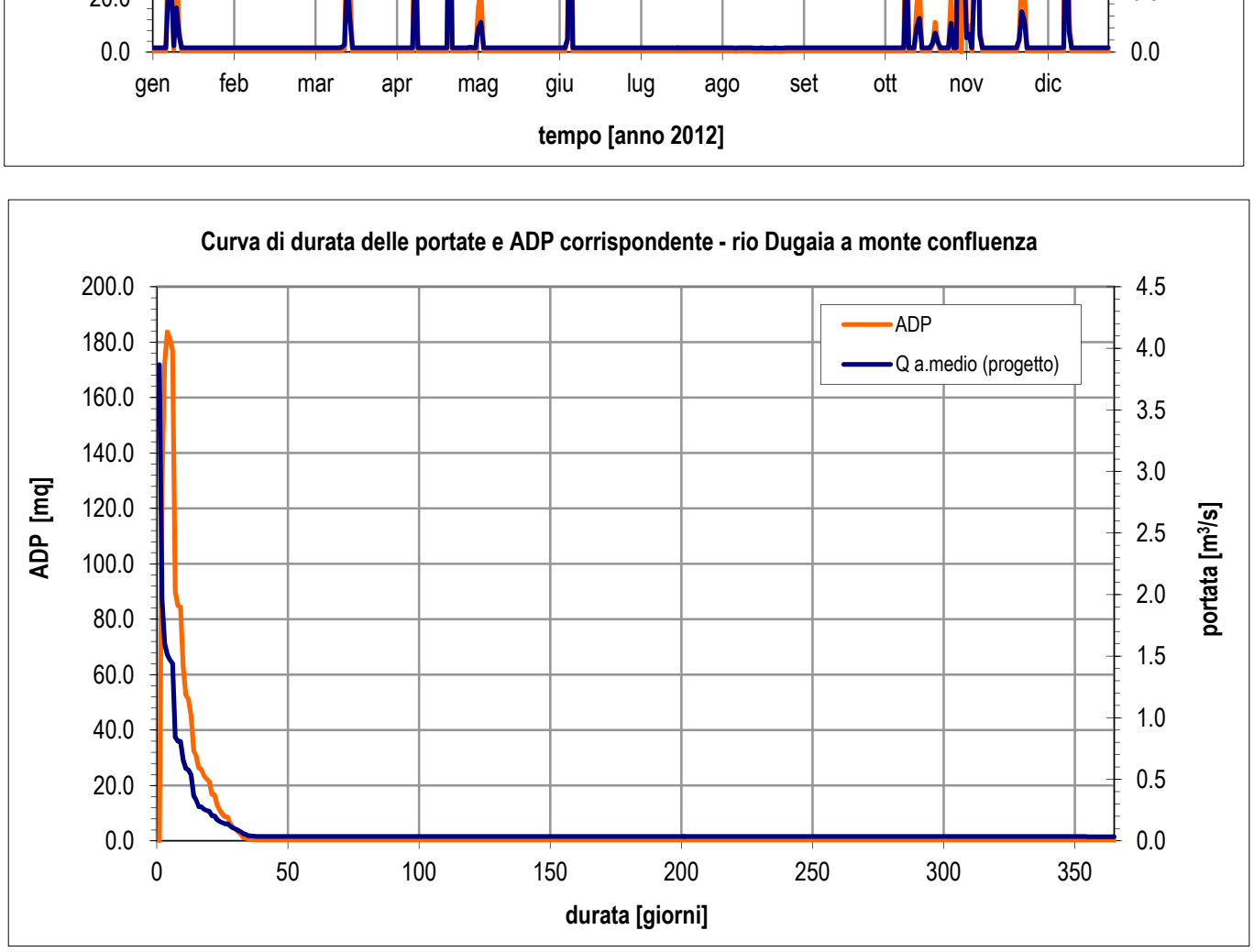

Curve di durata di portata e ADP - rio Dugaia a monte confluenza
ADP
Q a.medio (naturale)
ADP [mq]
portata [m³/s]
durata [giorni]

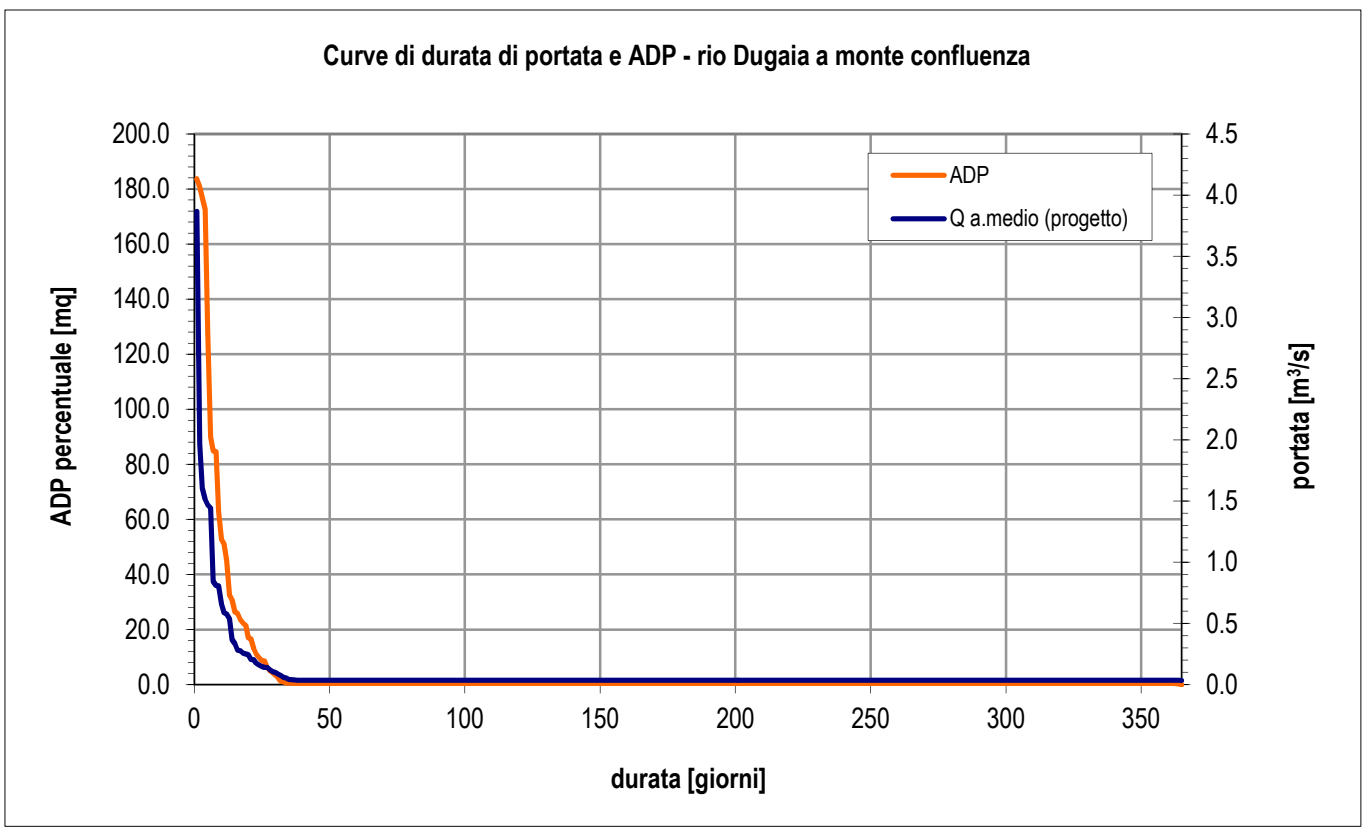

Idrogrammi portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP (fario 0+)
Q a.medio (attuale)
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]


Curva di durata delle portate e ADP corrispondente - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

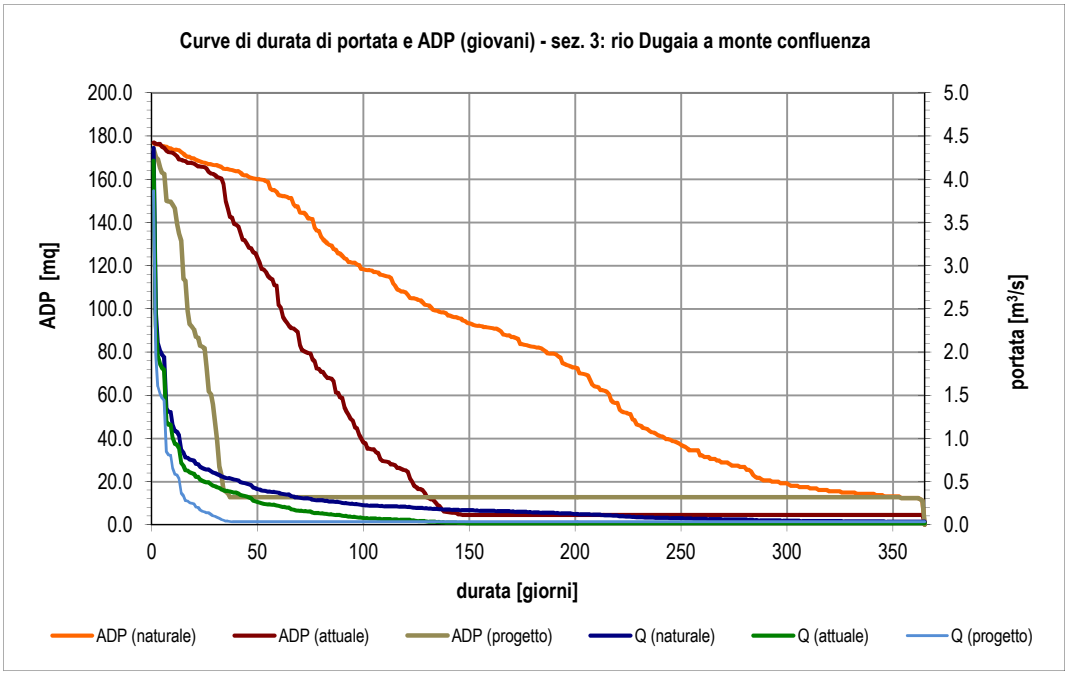

Curve di durata di portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

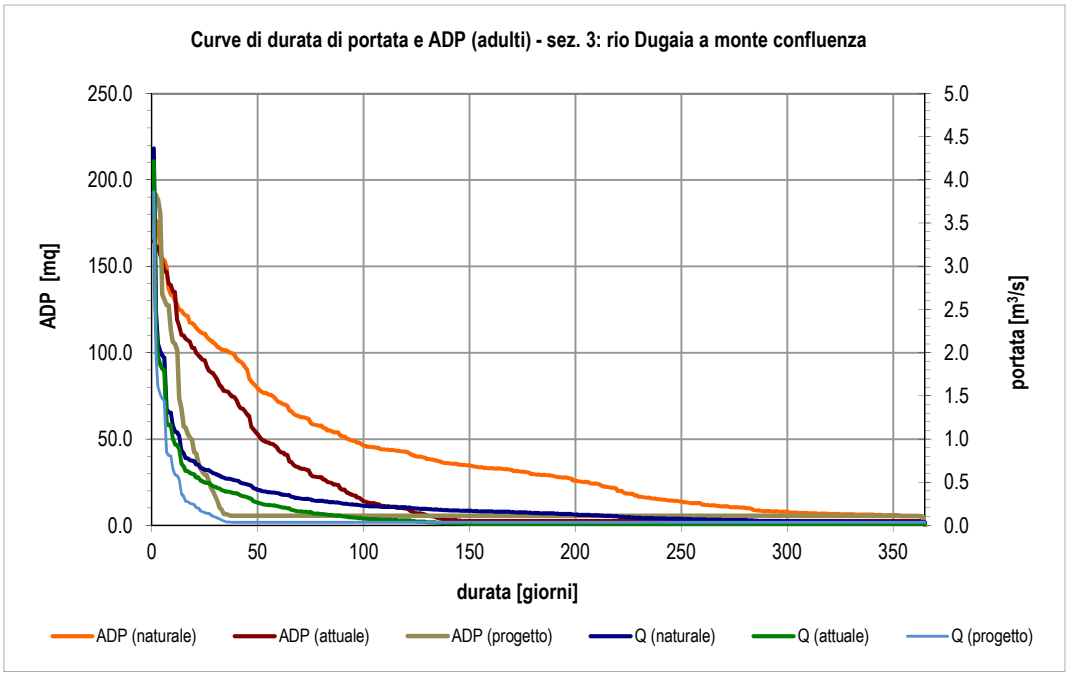

Idrogrammi portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP (fario 0+)
Q a.medio (progetto)
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]


Curva di durata delle portate e ADP corrispondente - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

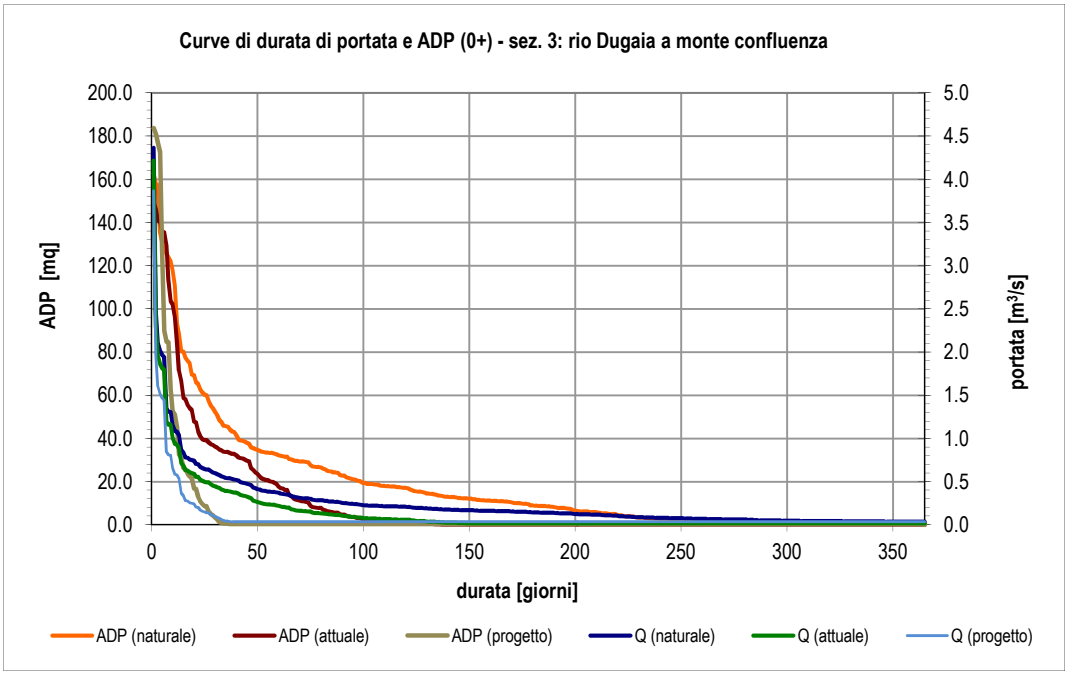

Curve di durata di portata e ADP - rio Dugaia a monte confluenza
ADP percentuale [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
200.0
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

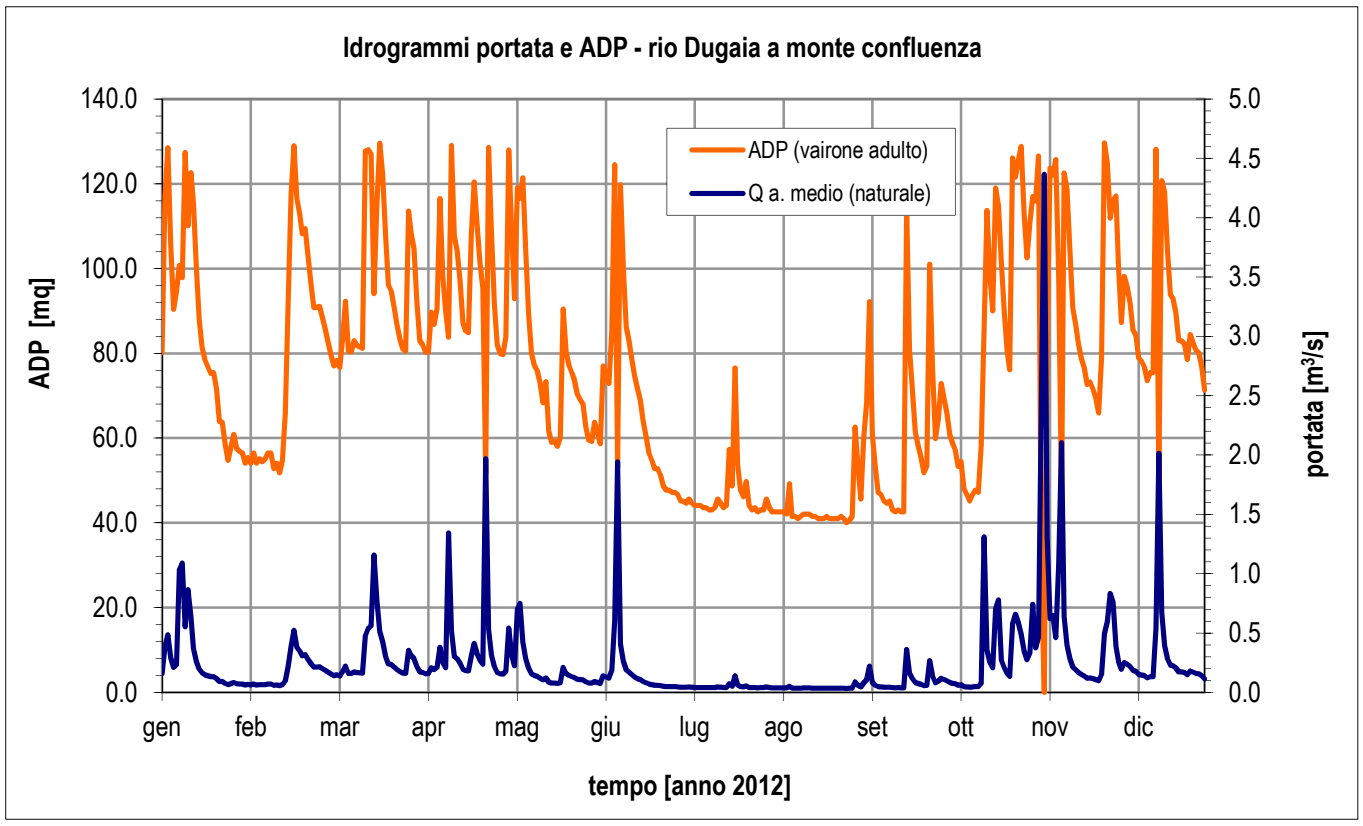
Confronto tra curve di durata Q e ADP (Trota fario) per il sito di monitoraggio (S3 - Dugaia)

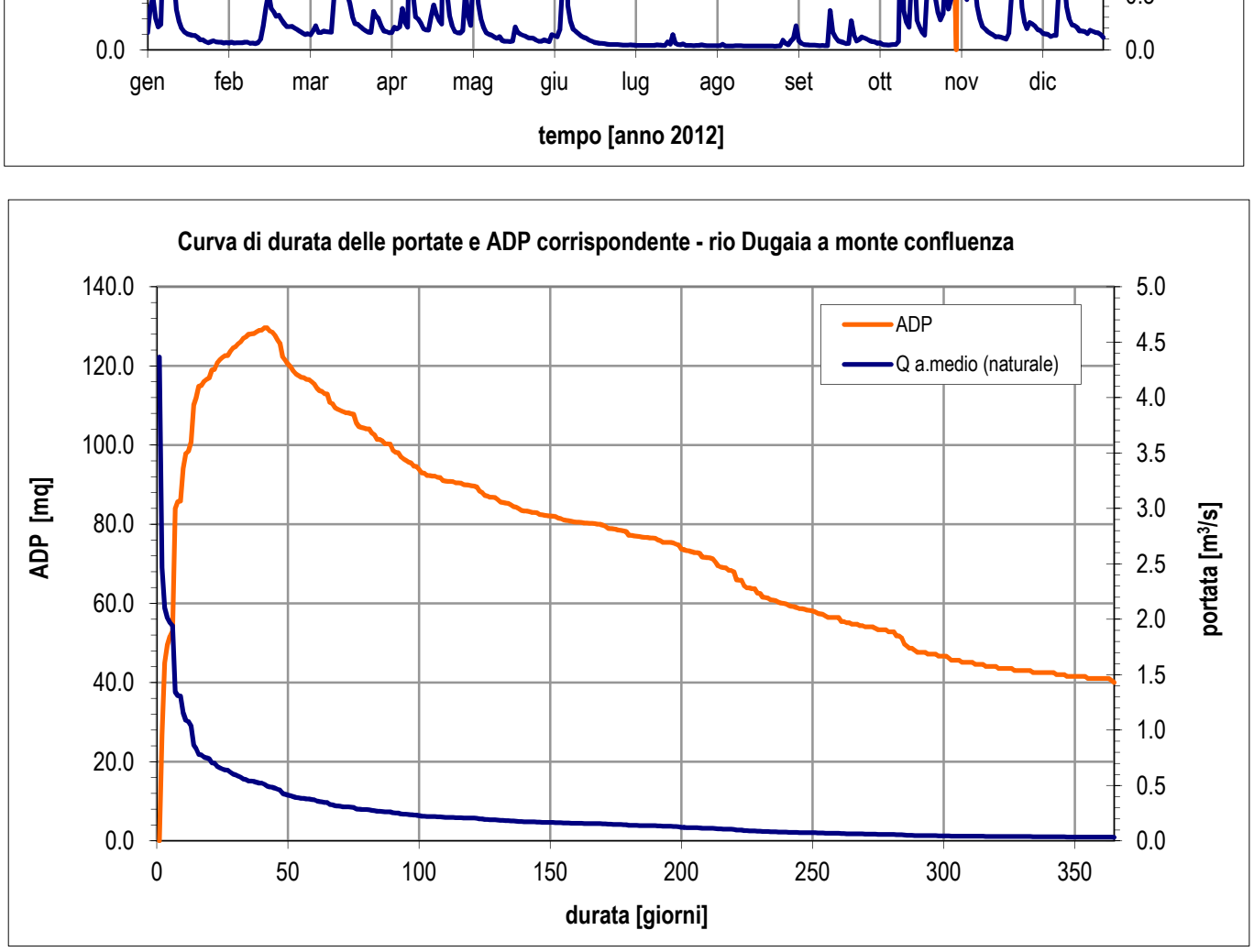


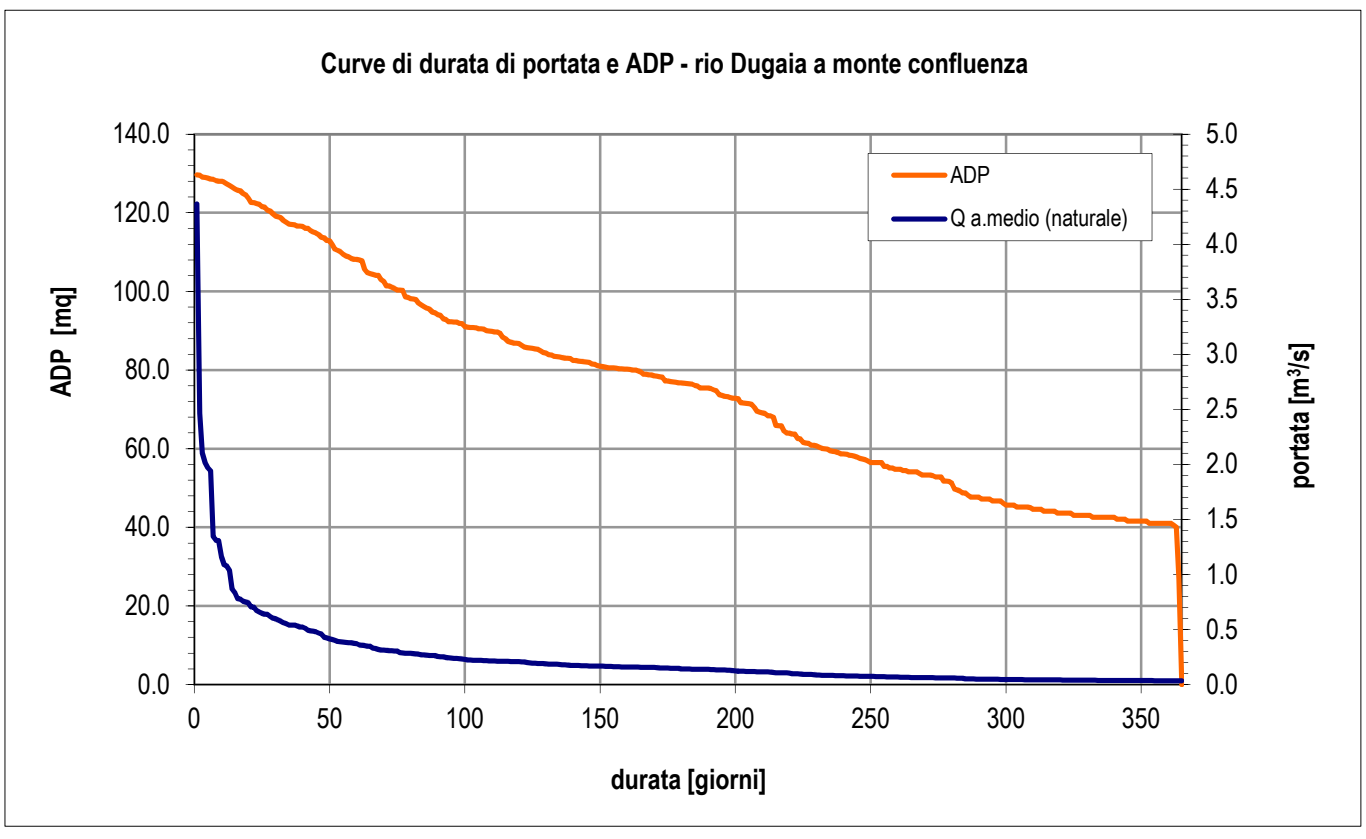


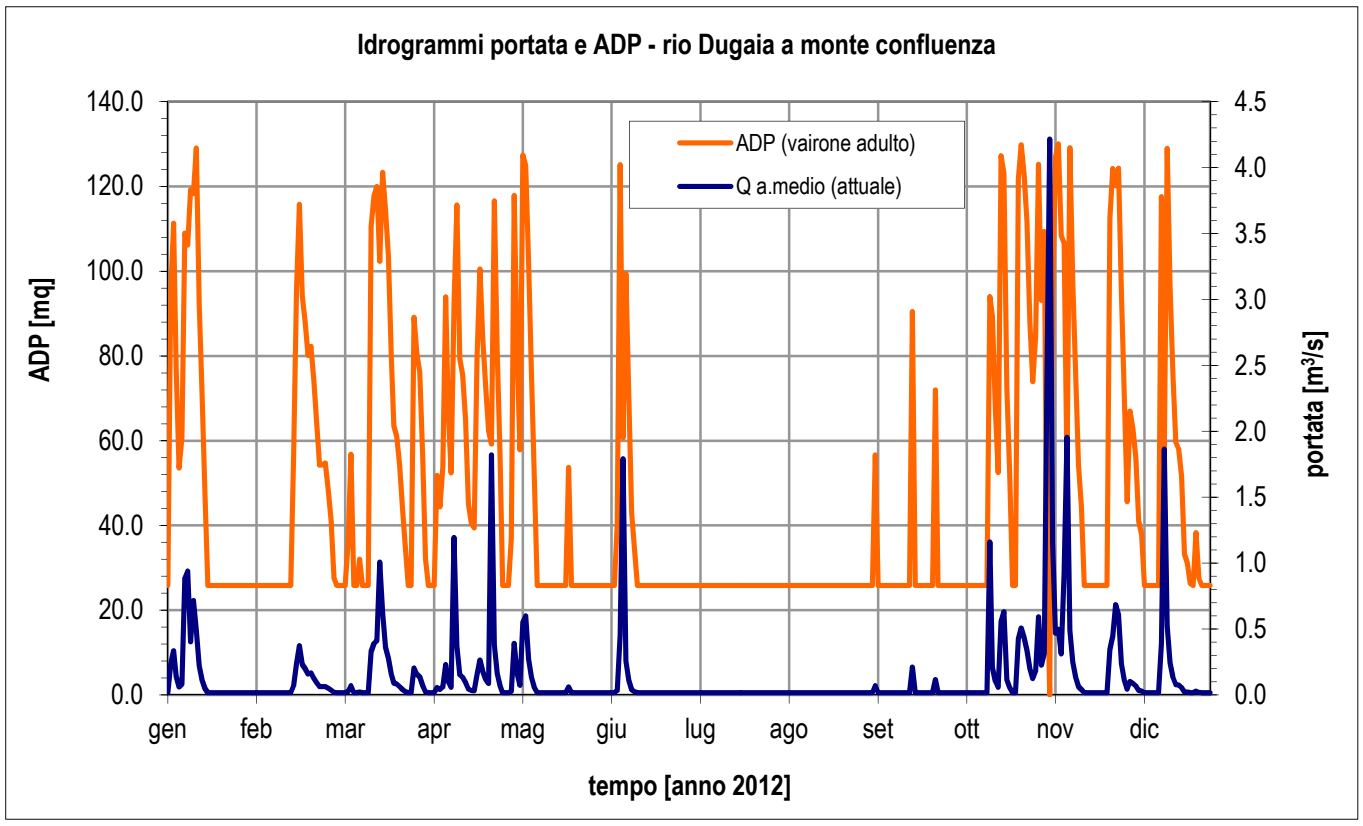
Confronto tra curve di durata Q e ADP (Trota fario) per il sito di monitoraggio (S3 - Dugaia)

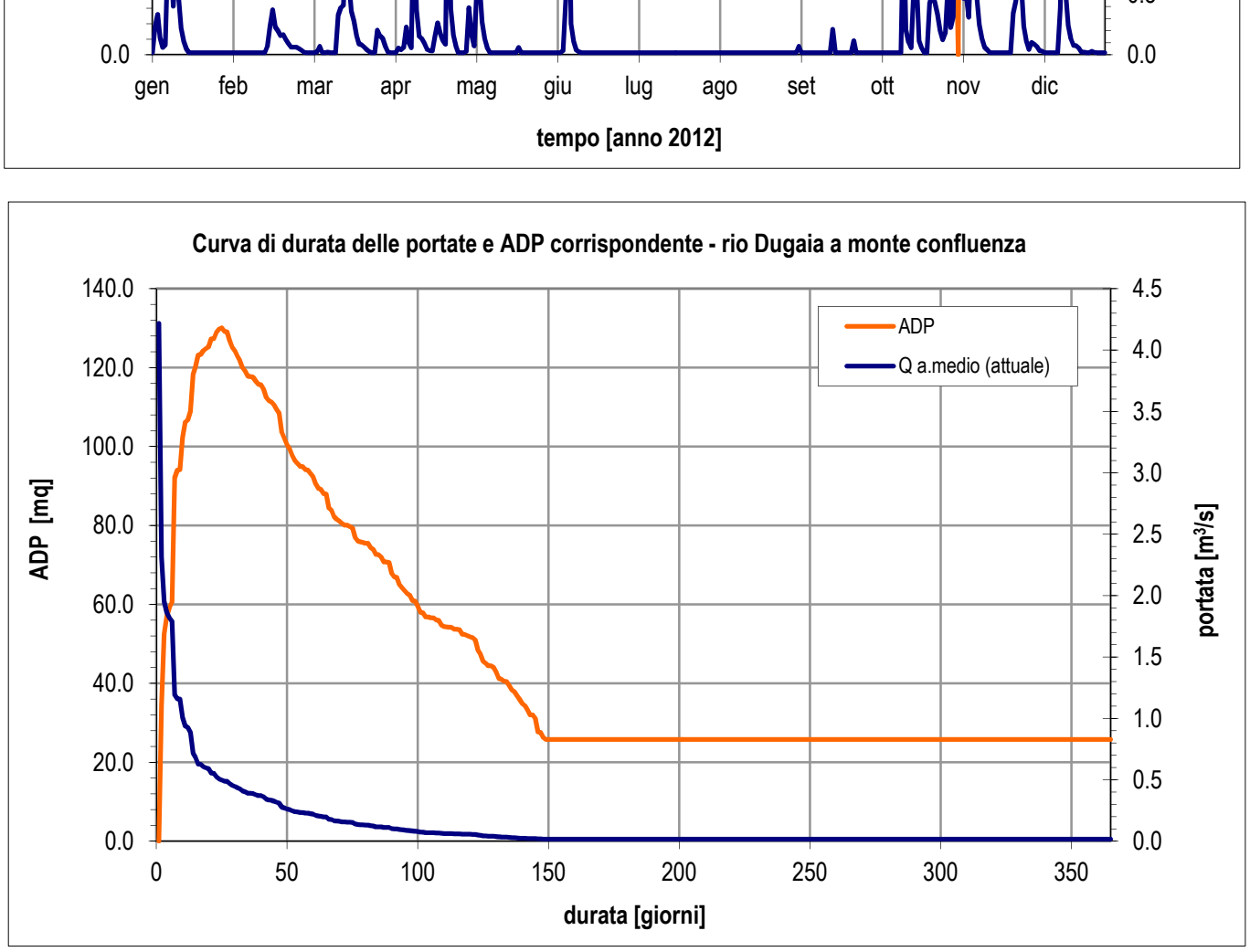


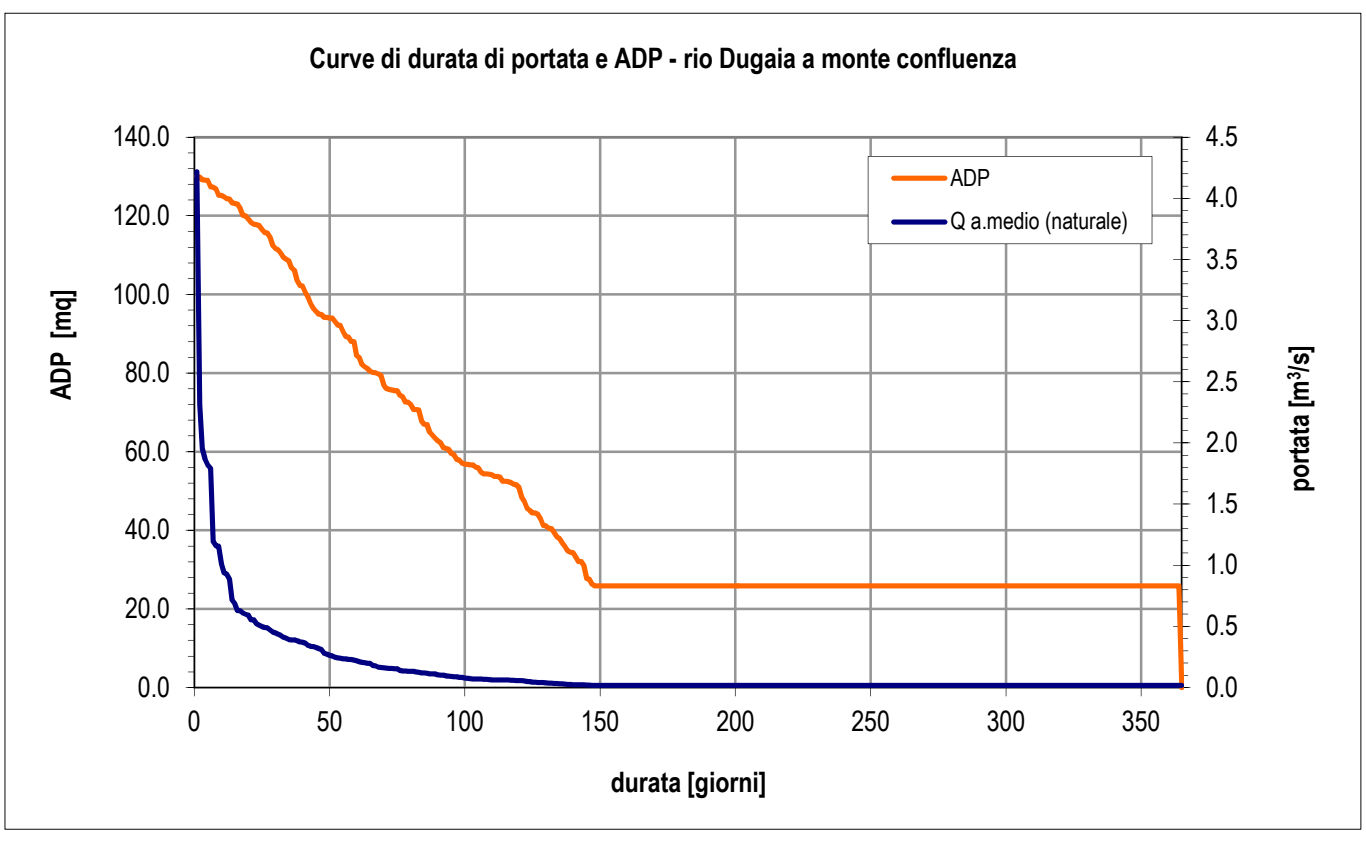

Idrogrammi portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP (vairone adulto)
Q a. medio (naturale)
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

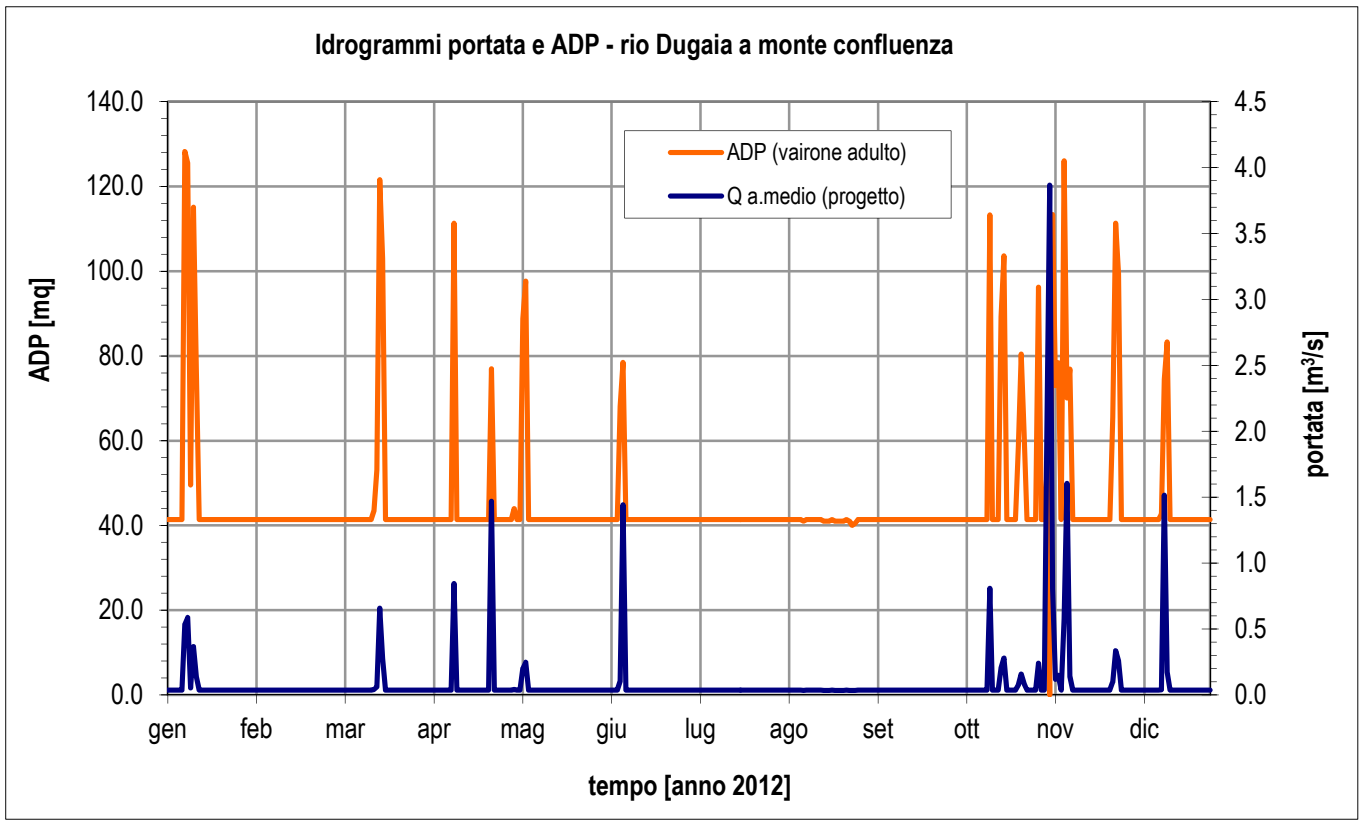

Curva di durata delle portate e ADP corrispondente - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

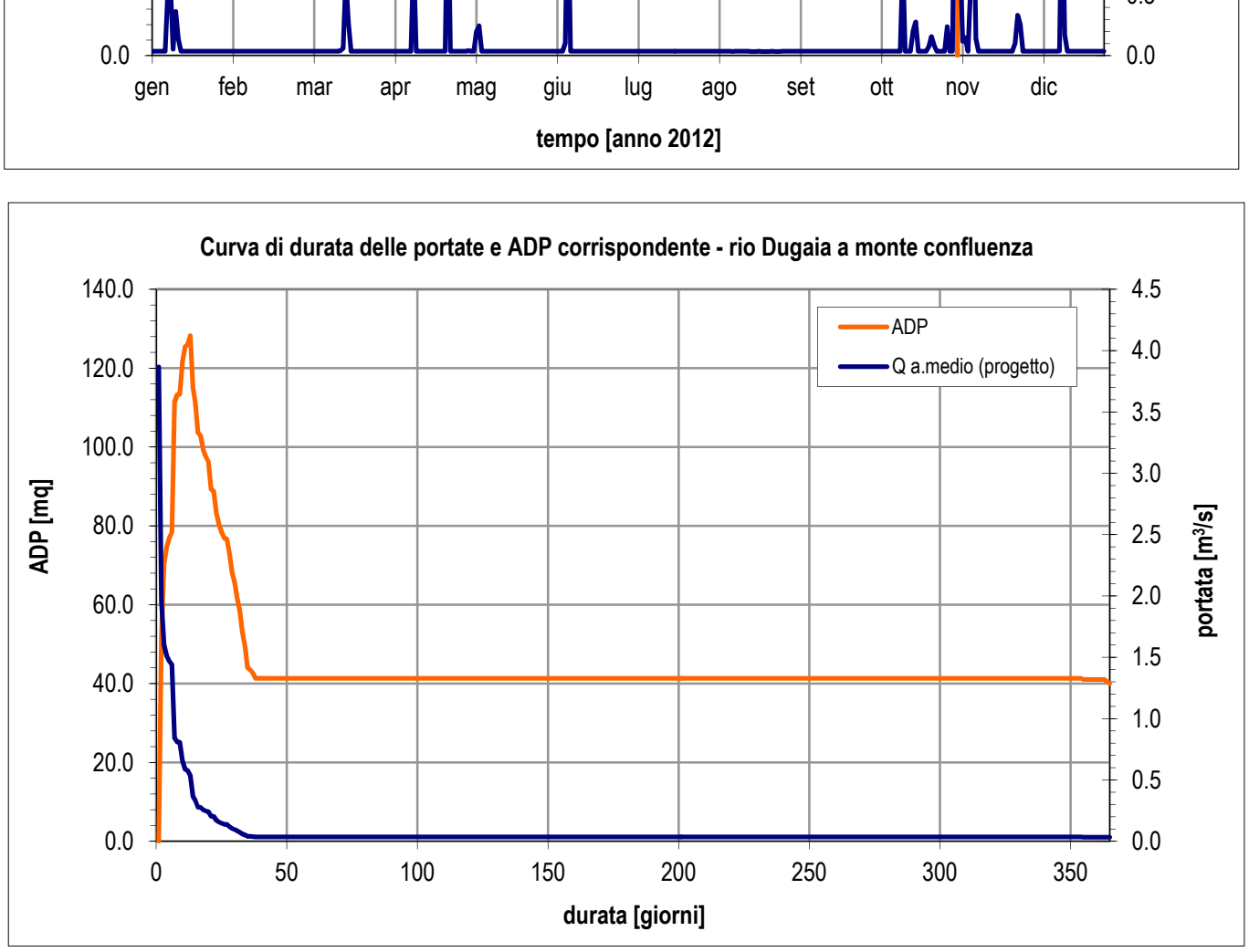

Curve di durata di portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

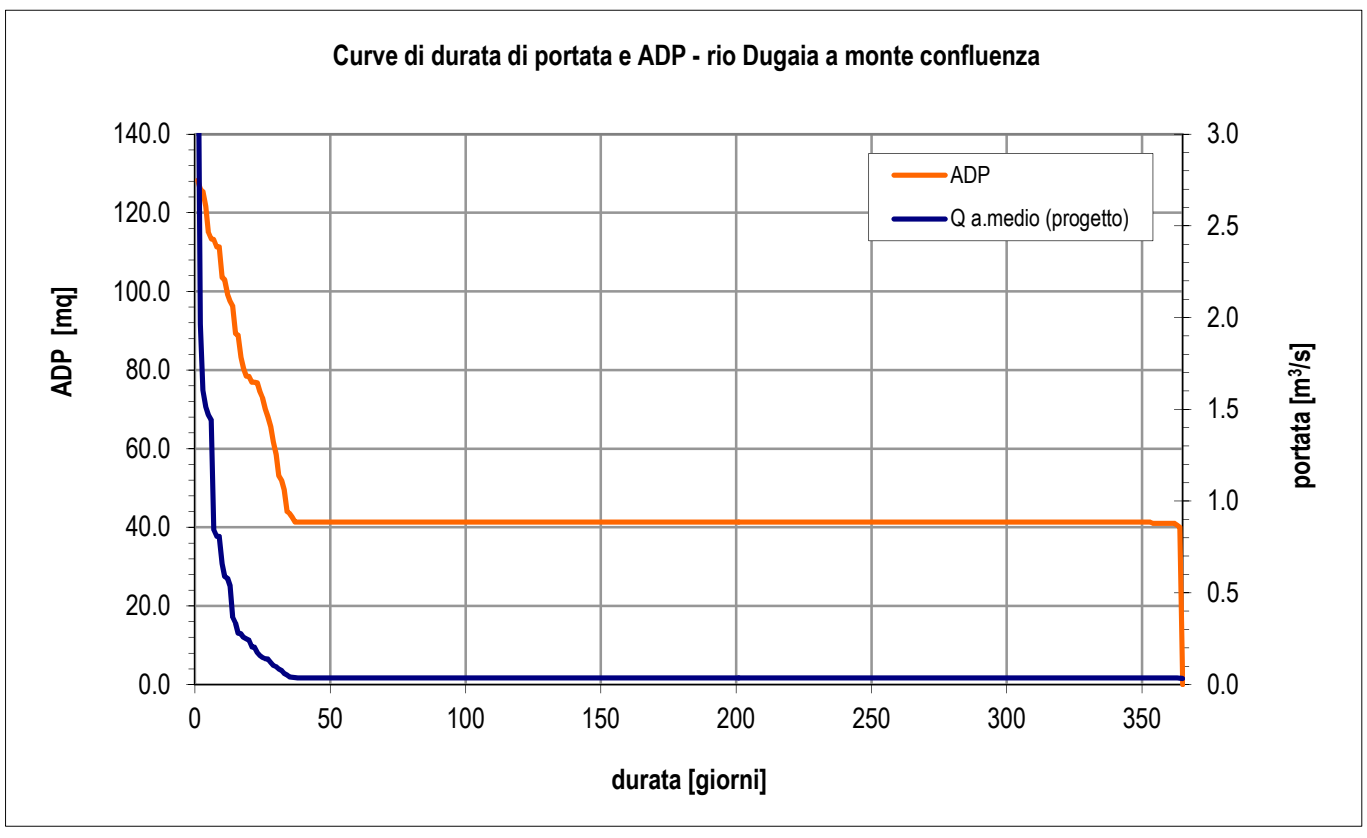

Idrogrammi portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP (vairone adulto)
Q a.medio (attuale)
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

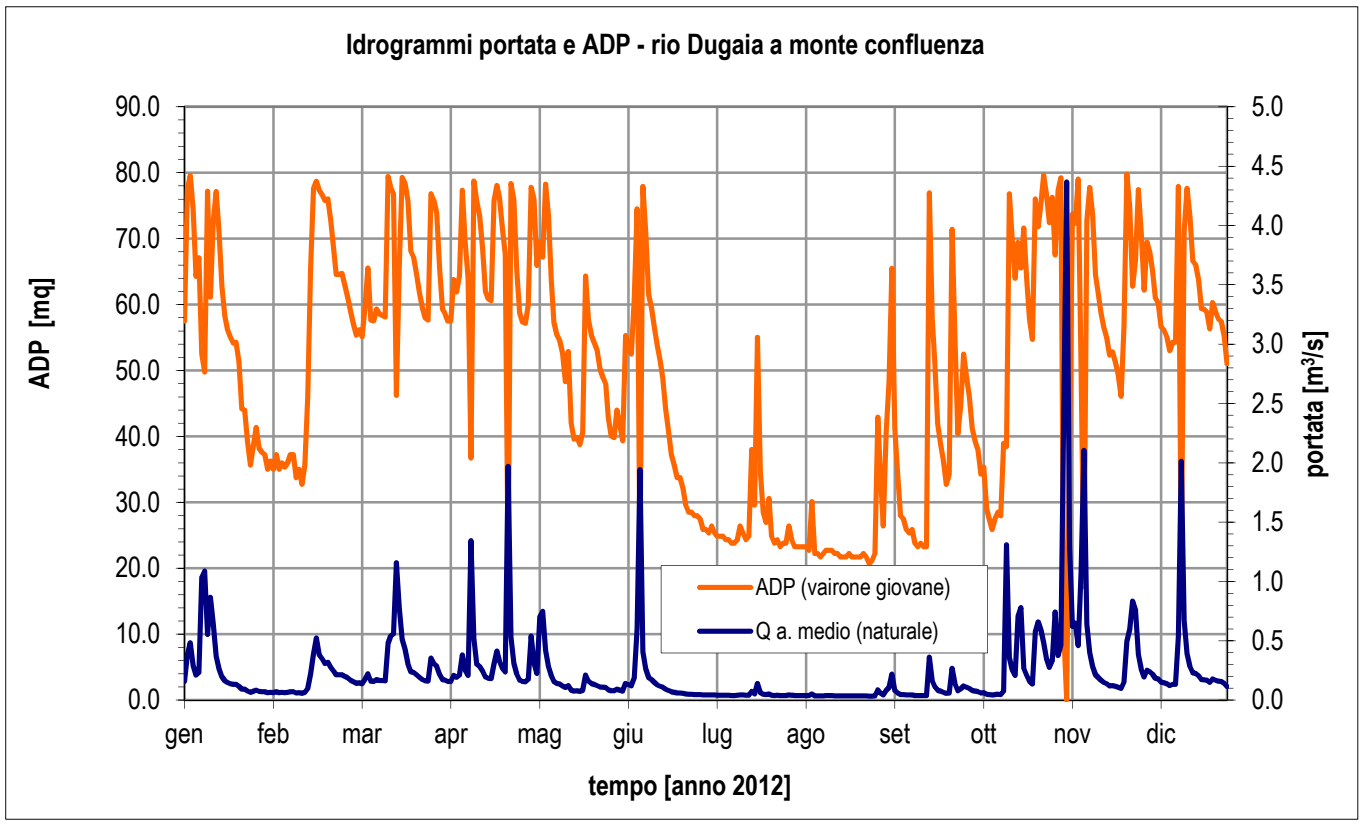

Curva di durata delle portate e ADP corrispondente - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

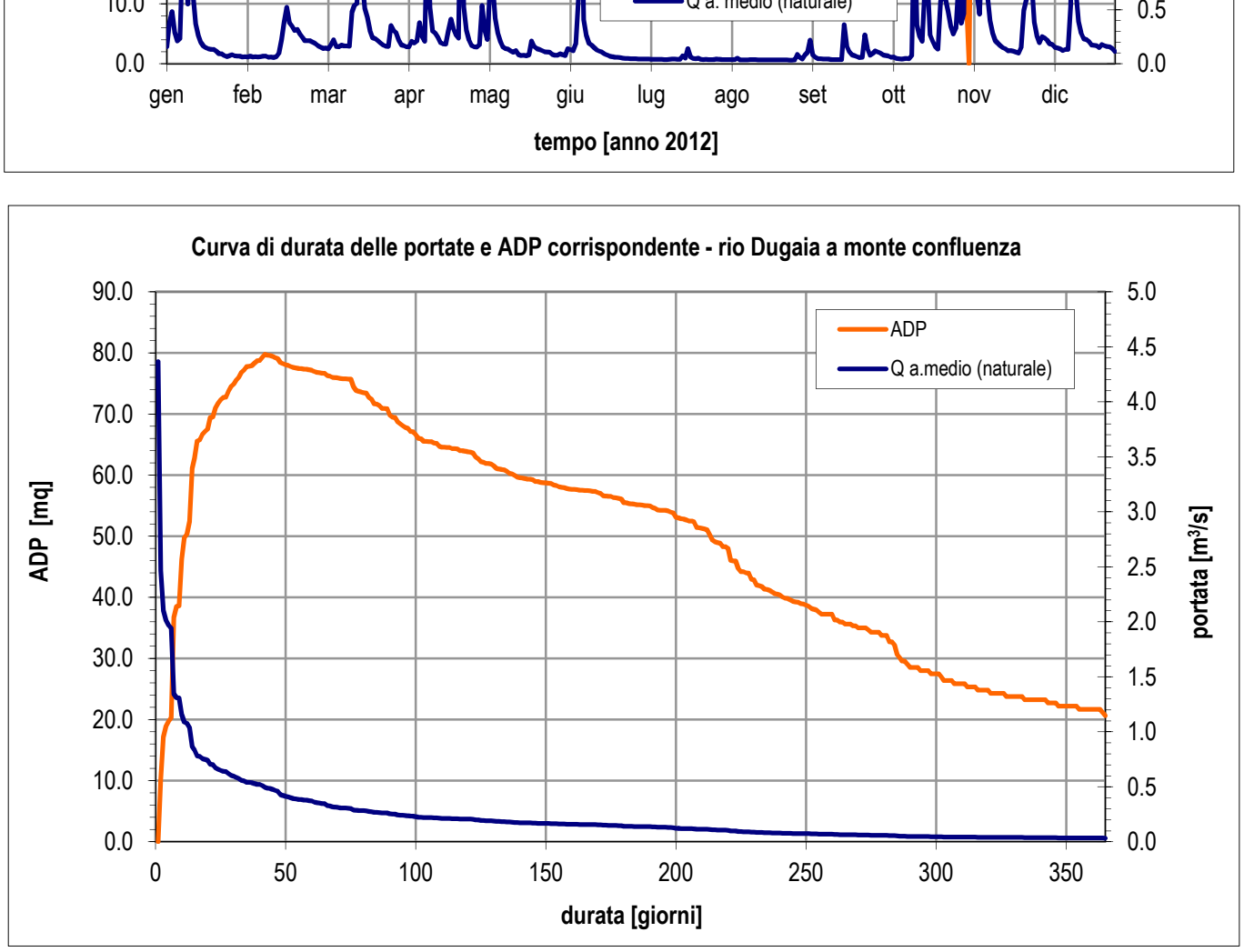

Curve di durata di portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

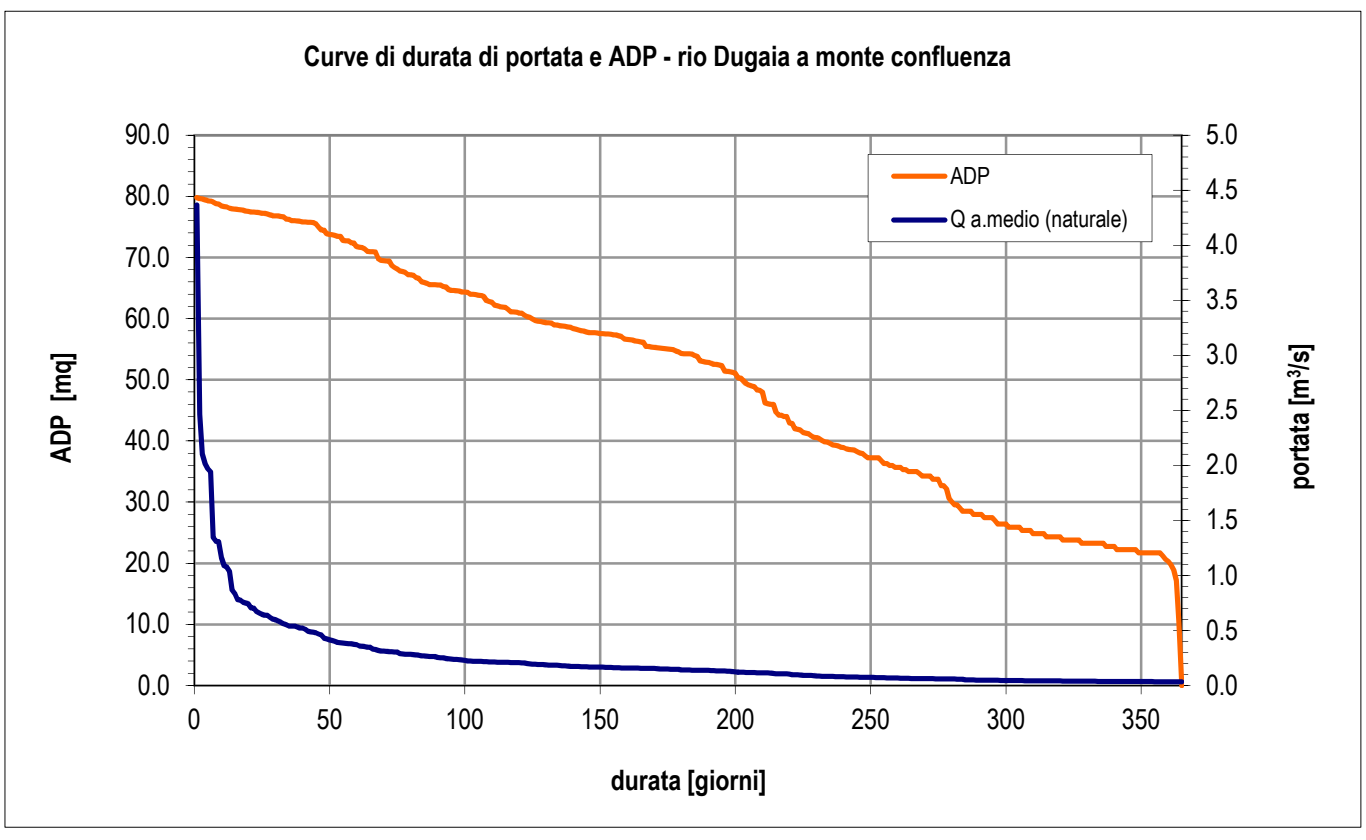

Idrogrammi portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP (vairone adulto)
Q a.medio (progetto)
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

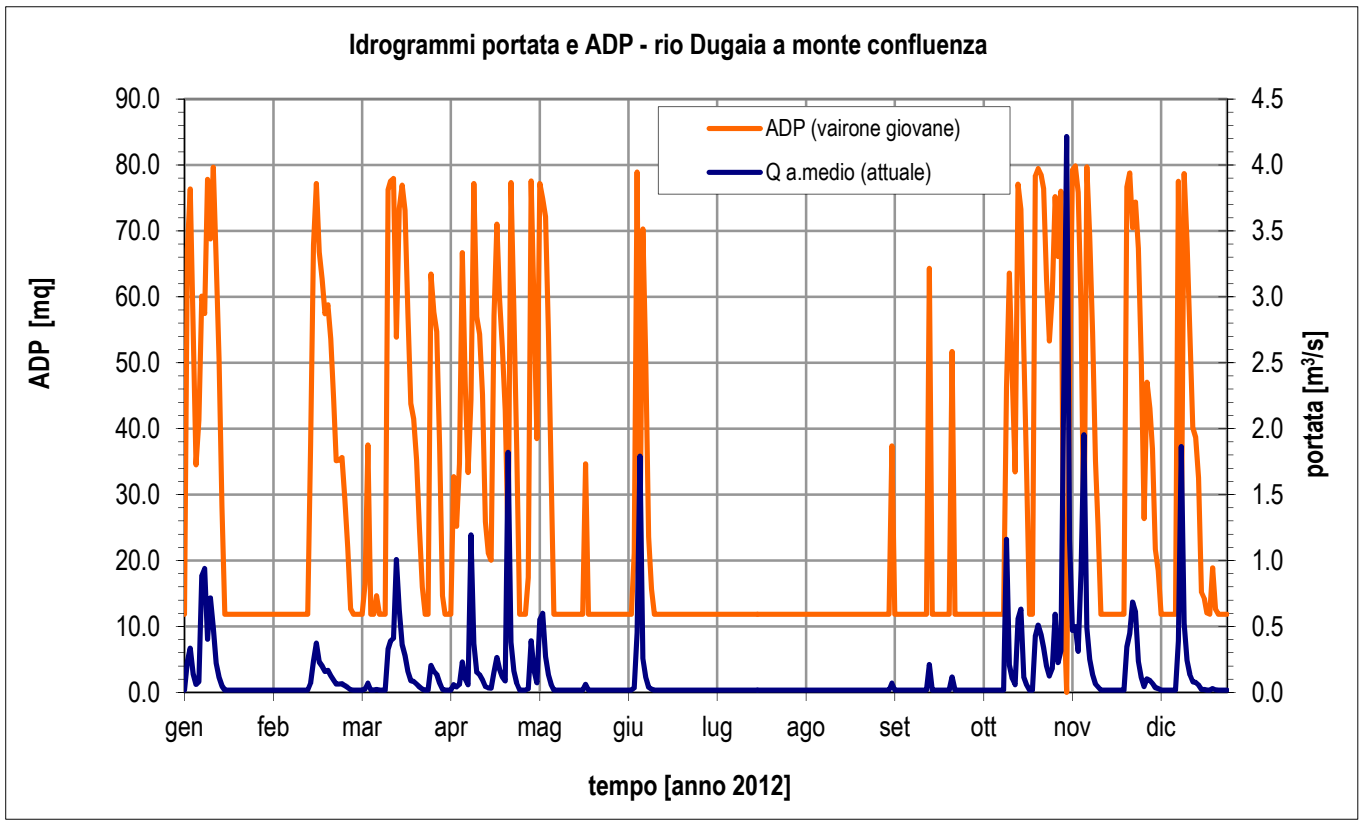

Curva di durata delle portate e ADP corrispondente - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

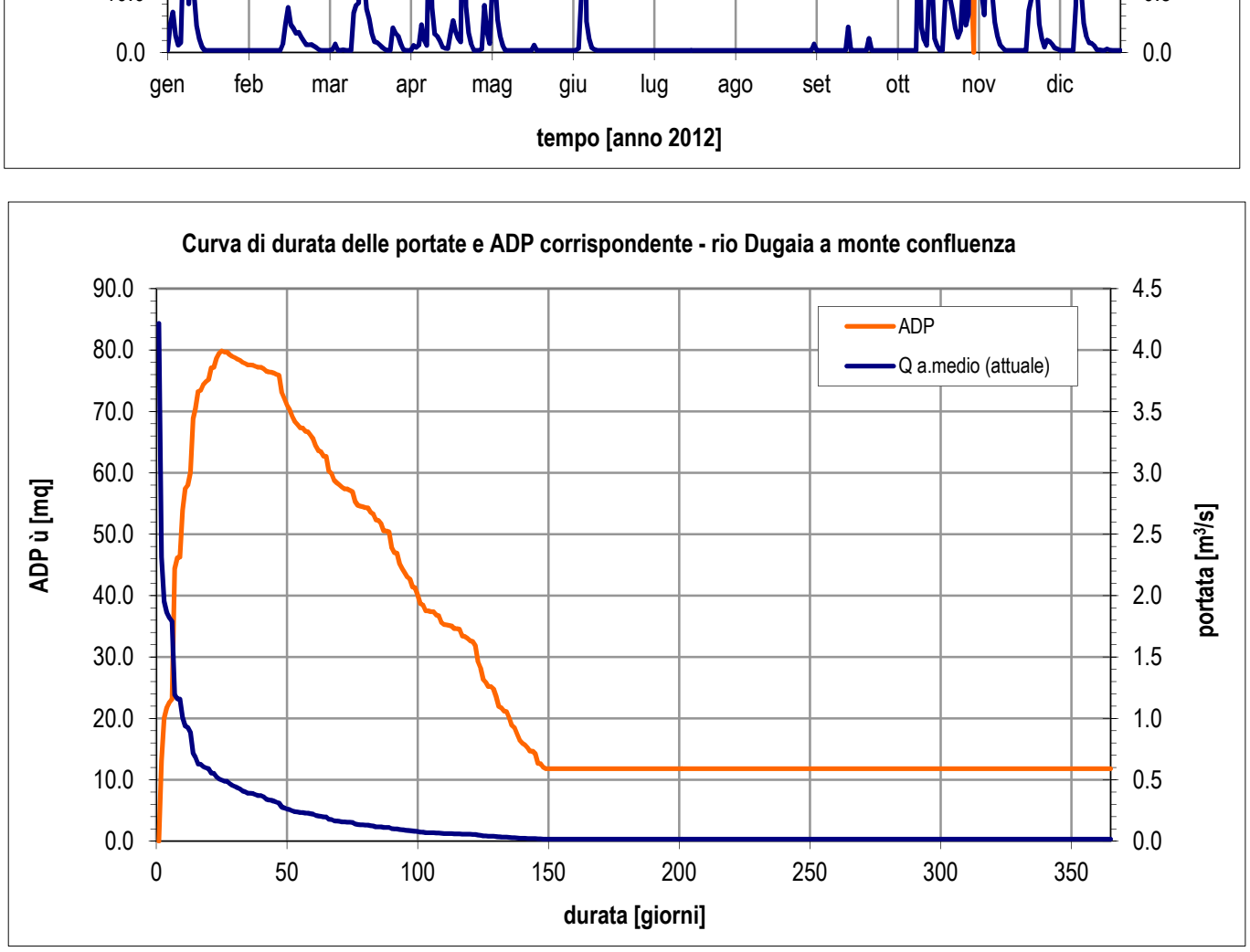

Curve di durata di portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

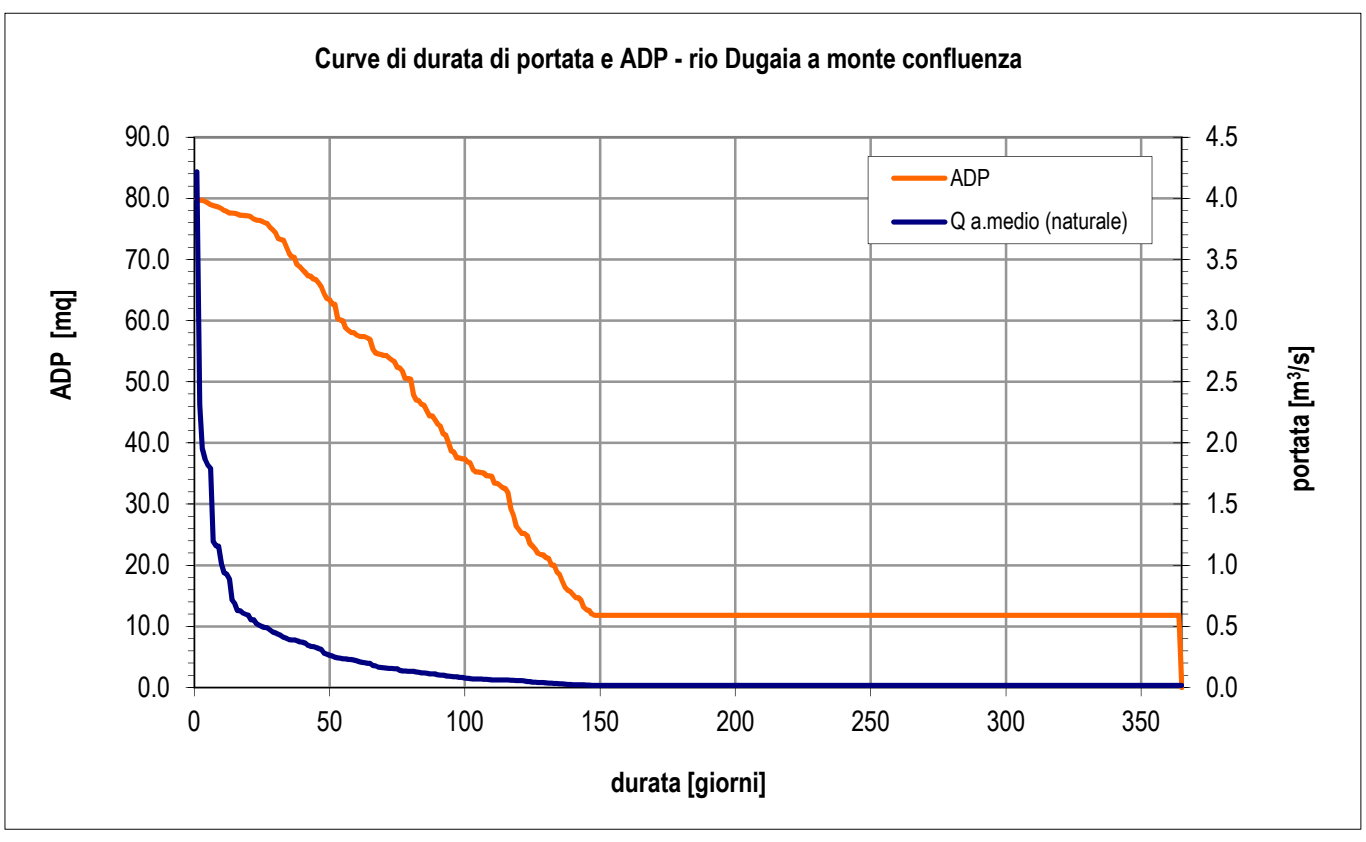

Idrogrammi portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
tempo [anno 2012]
ADP (vairone giovane)
Q a. medio (naturale)
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic

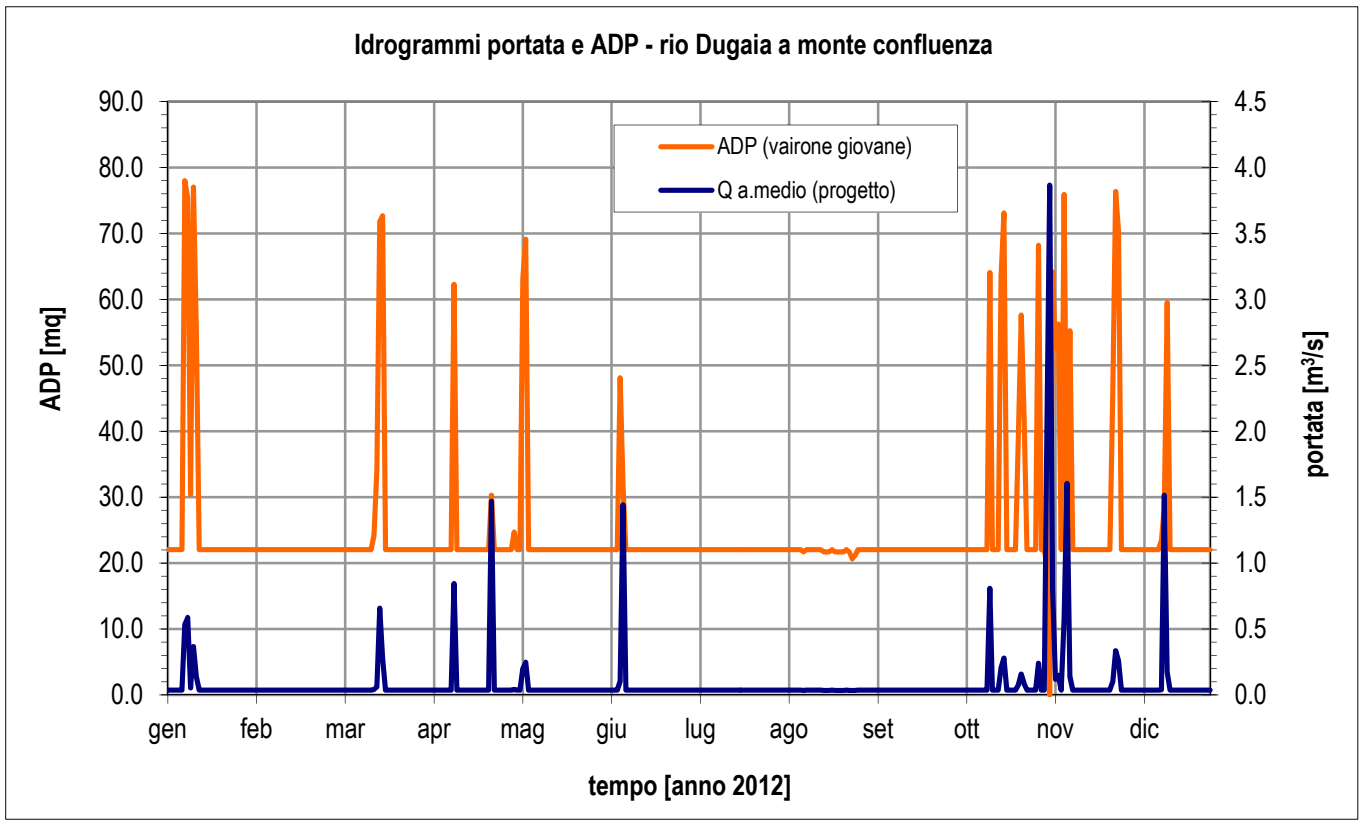

Curva di durata delle portate e ADP corrispondente - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
durata [giorni]
ADP
Q a.medio (naturale)

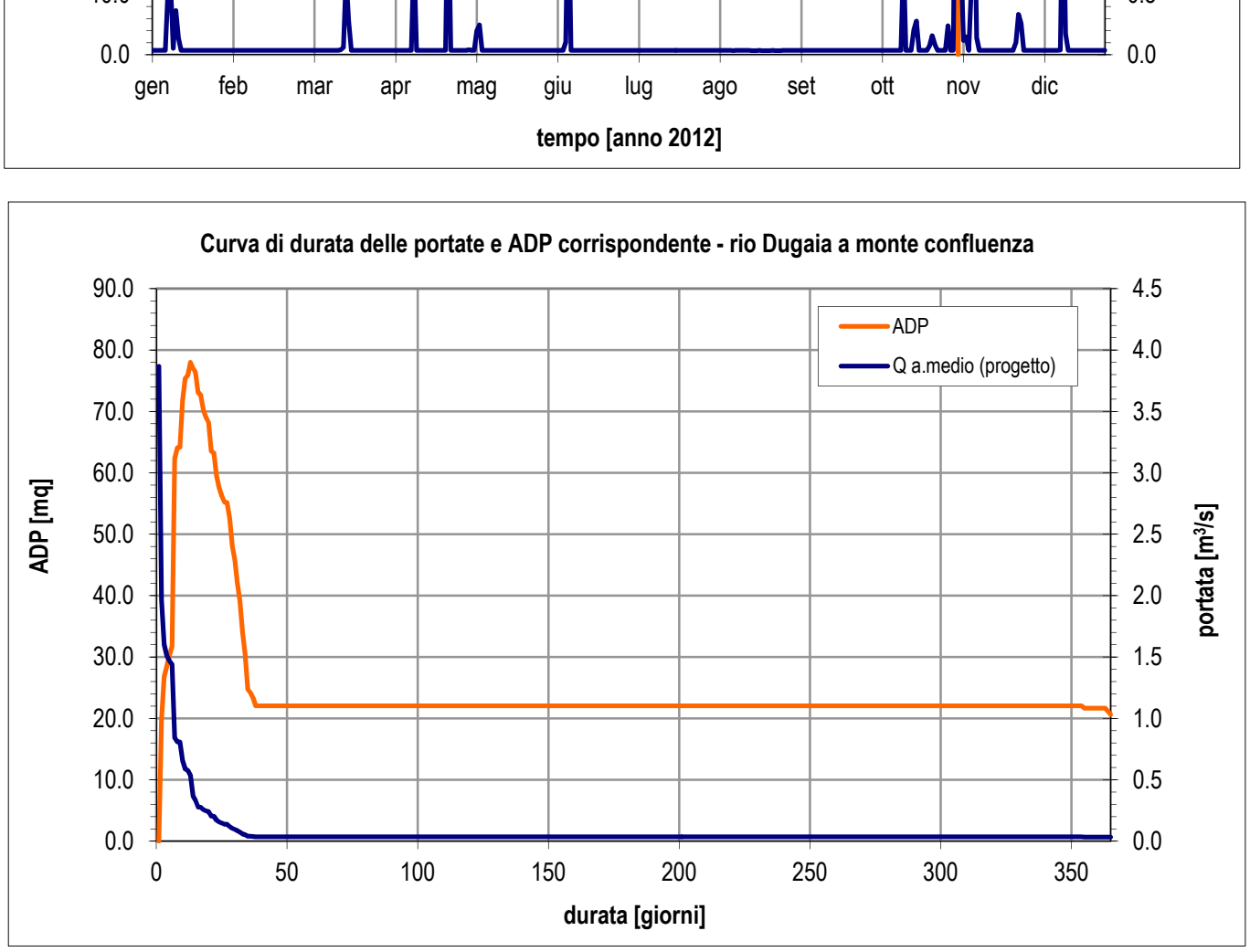

Curve di durata di portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
durata [giorni]
ADP
Q a.medio (naturale)

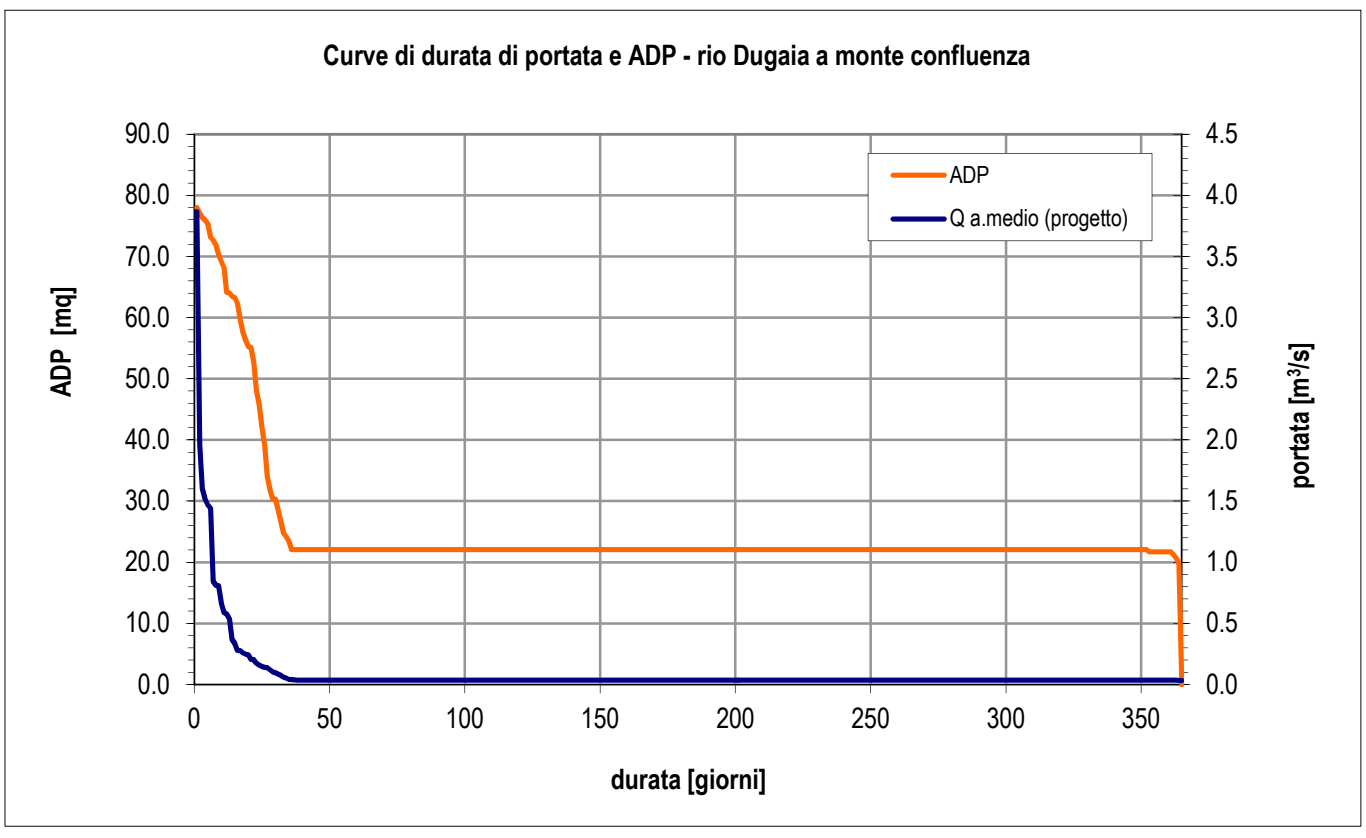

Idrogrammi portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP (vairone giovane)
Q a.medio (attuale)
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]


Curva di durata delle portate e ADP corrispondente - rio Dugaia a monte confluenza
ADP ù [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

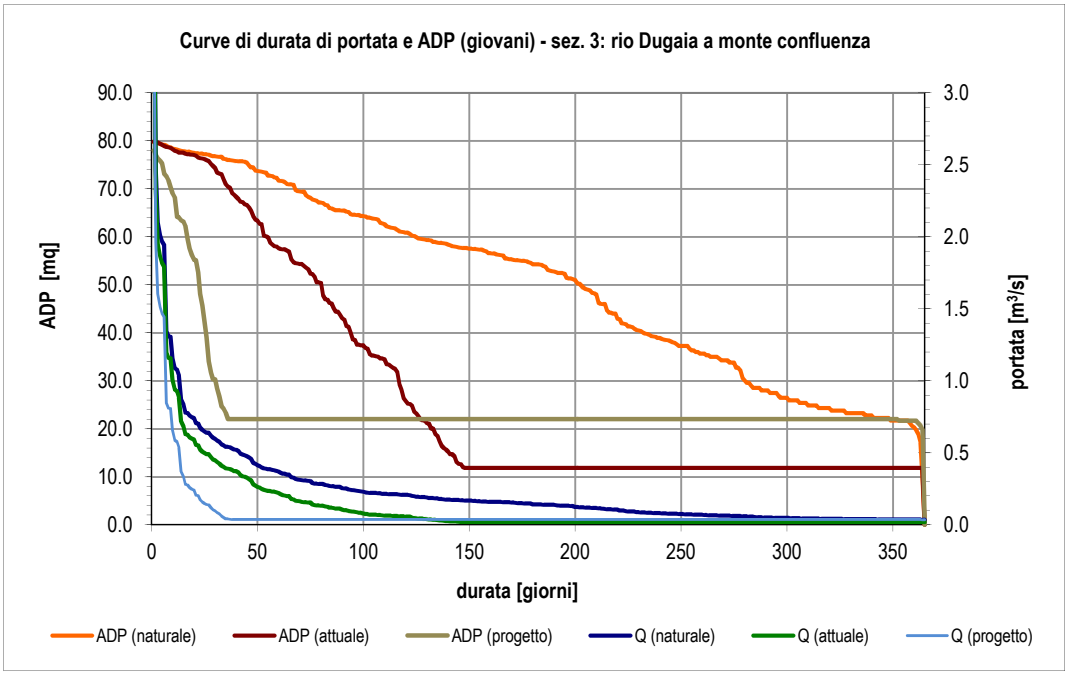

Curve di durata di portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

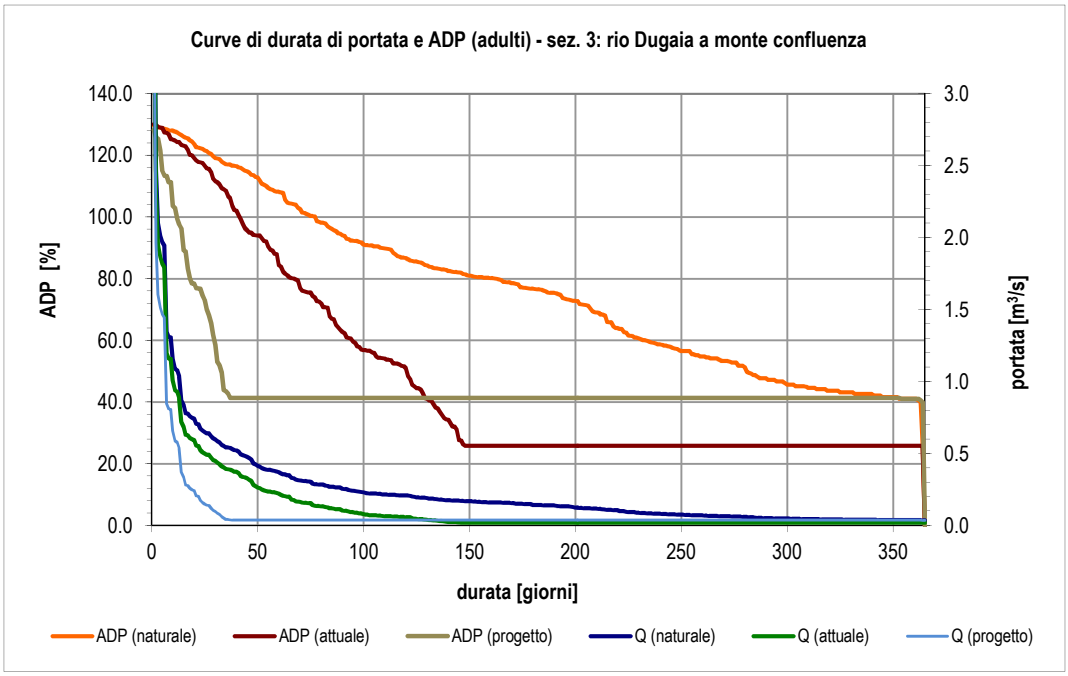

Idrogrammi portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP (vairone giovane)
Q a.medio (progetto)
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]


Curva di durata delle portate e ADP corrispondente - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]


Curve di durata di portata e ADP - rio Dugaia a monte confluenza
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

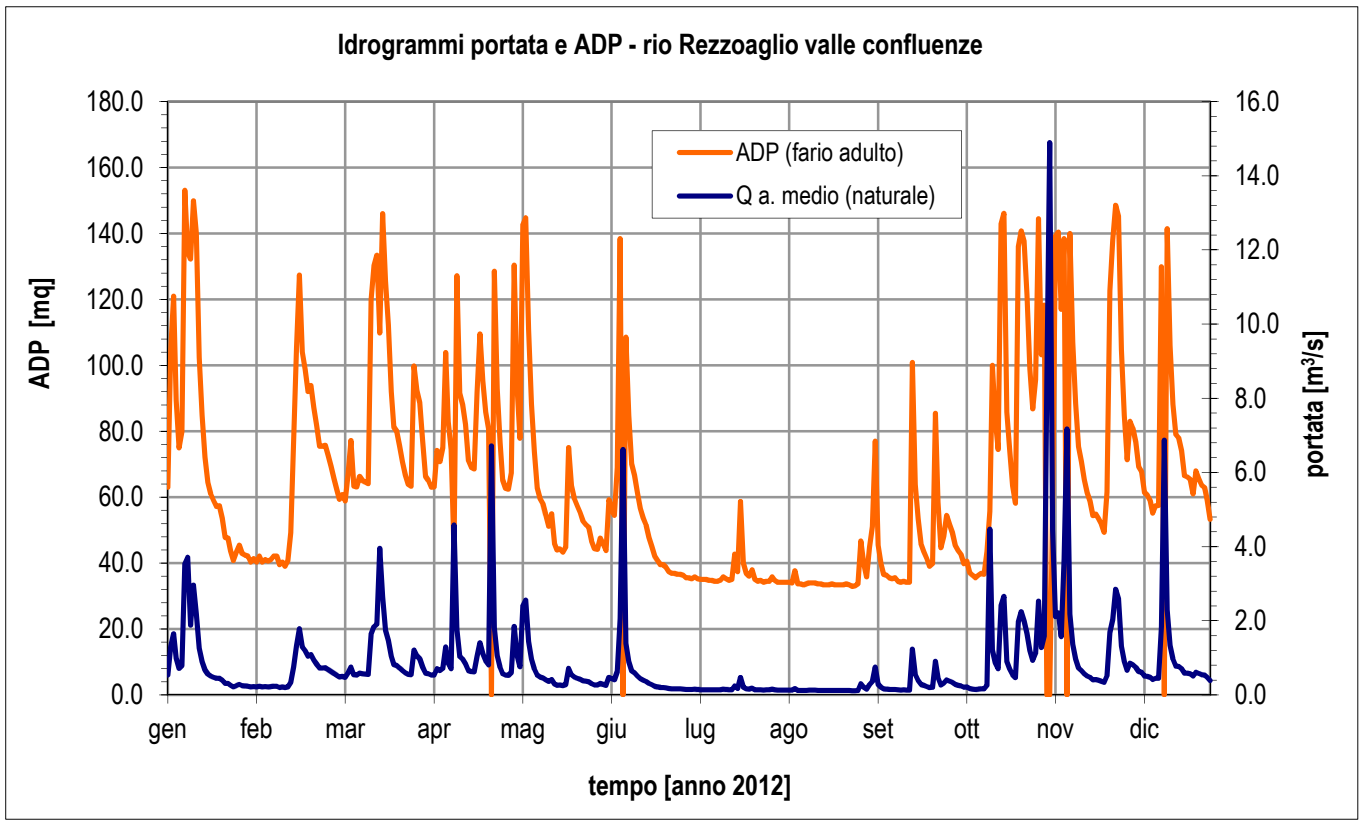
Confronto tra curve di durata Q e ADP (Vairone) per il sito di monitoraggio (S3 - Dugaia)

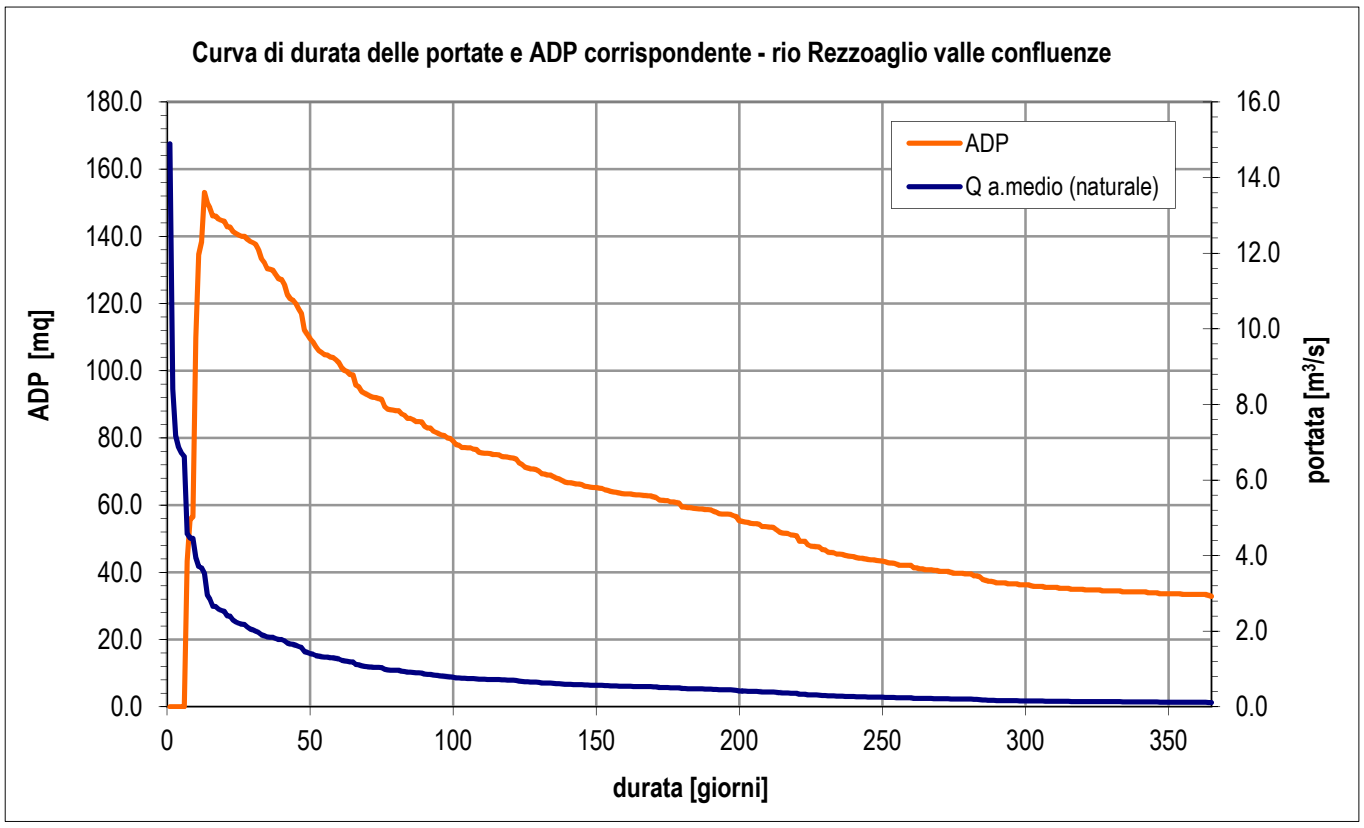


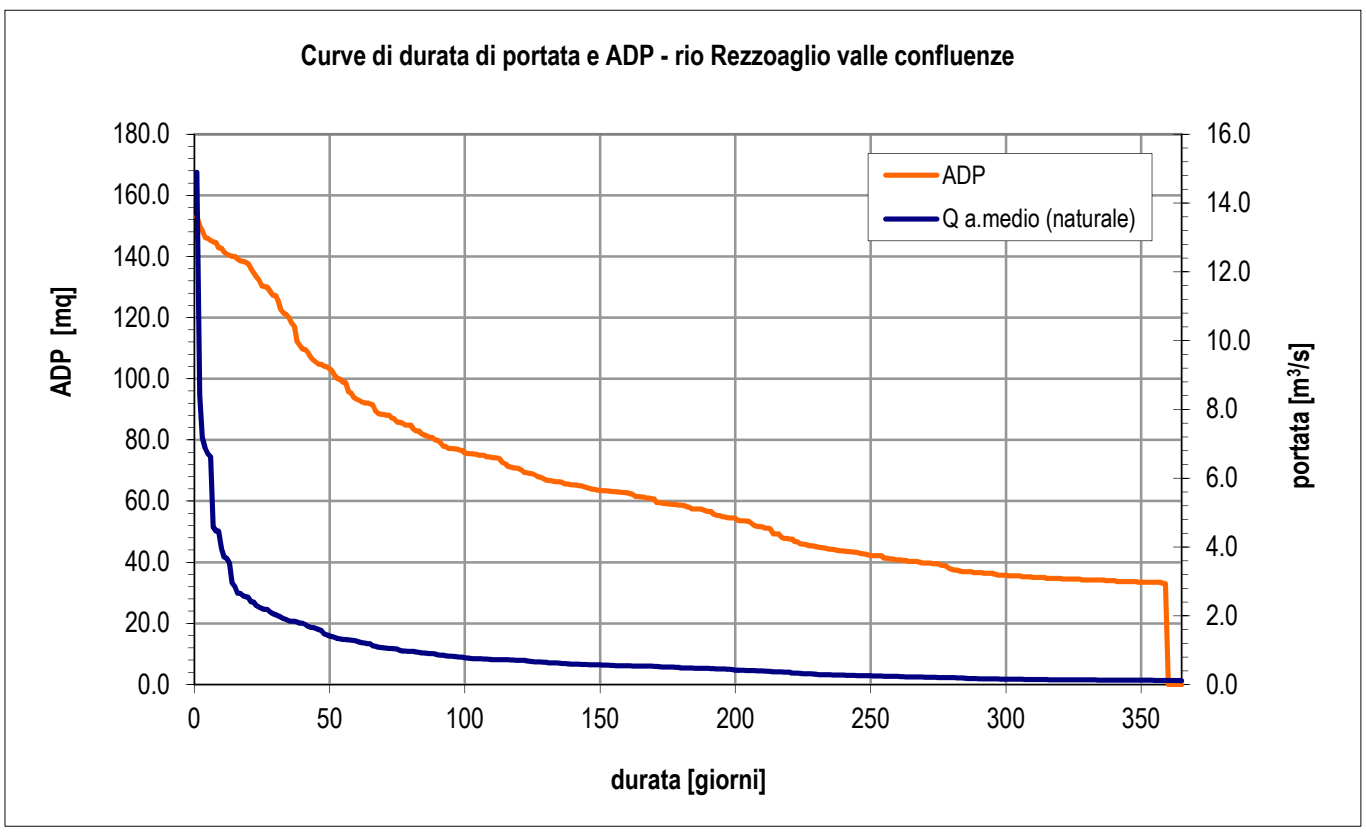


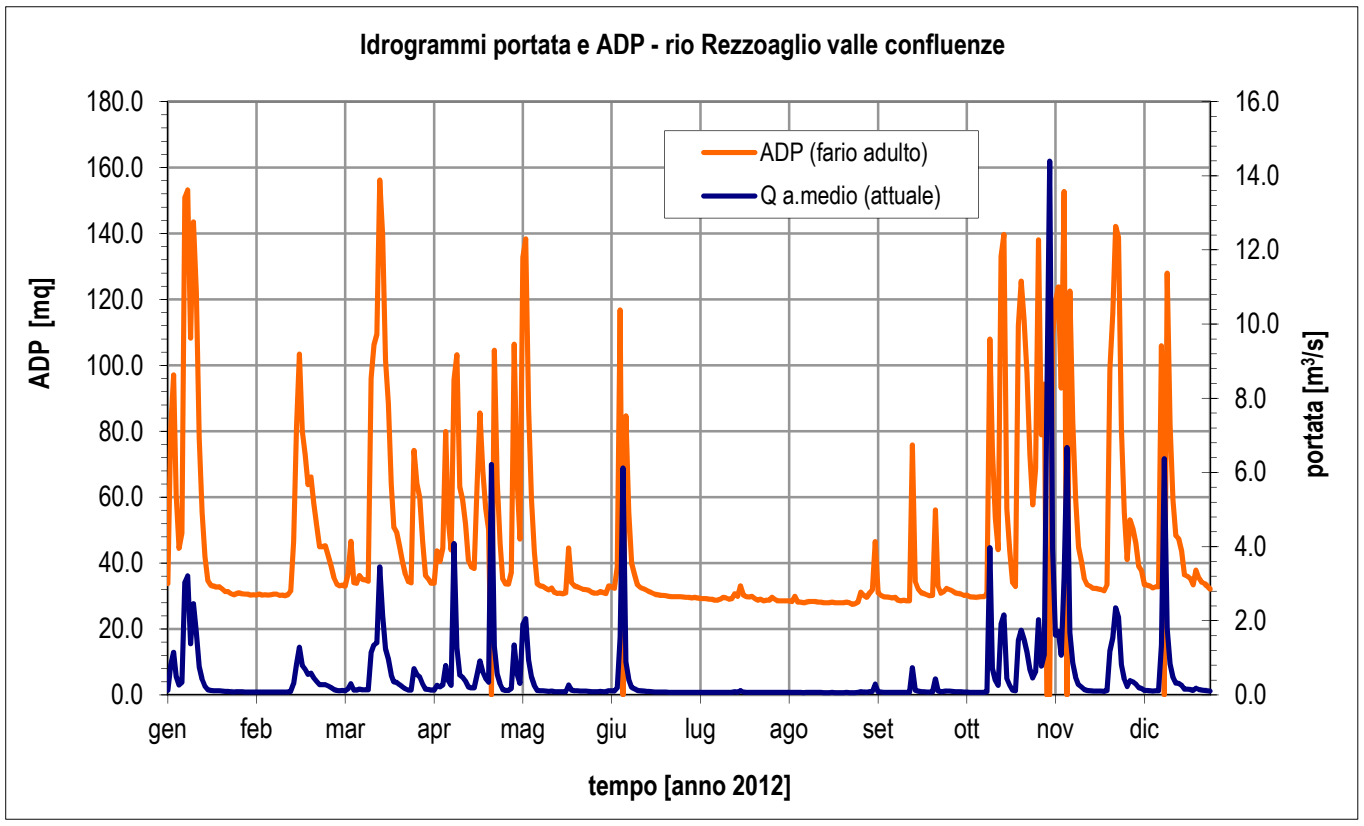
ALLEGATO 2 – Andamenti giornalieri e curve di durata delle ADP (Aree Disponibili Ponderate – m^2) negli scenari naturale, attuale e di progetto.

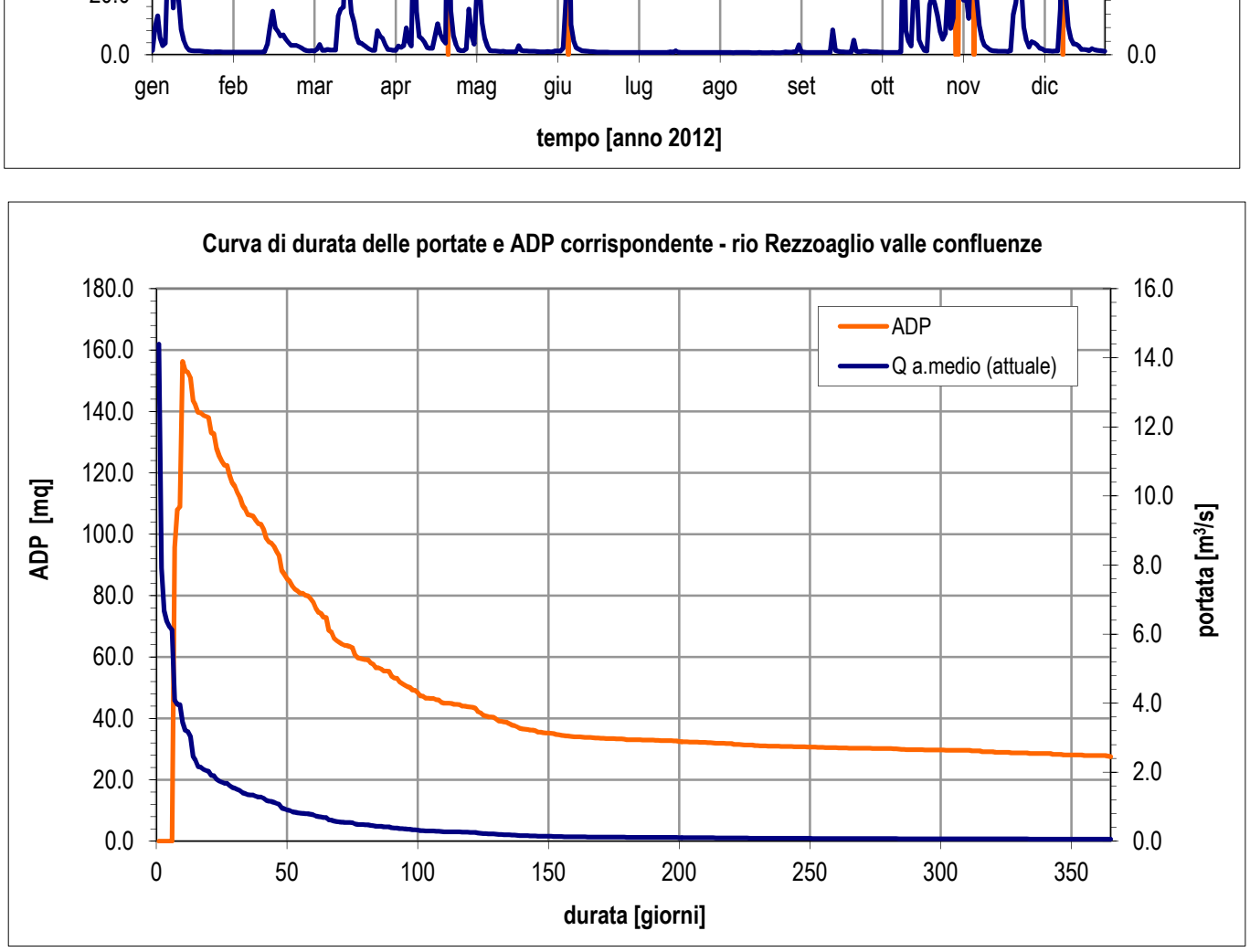
2.3 Rezzoaglio 04

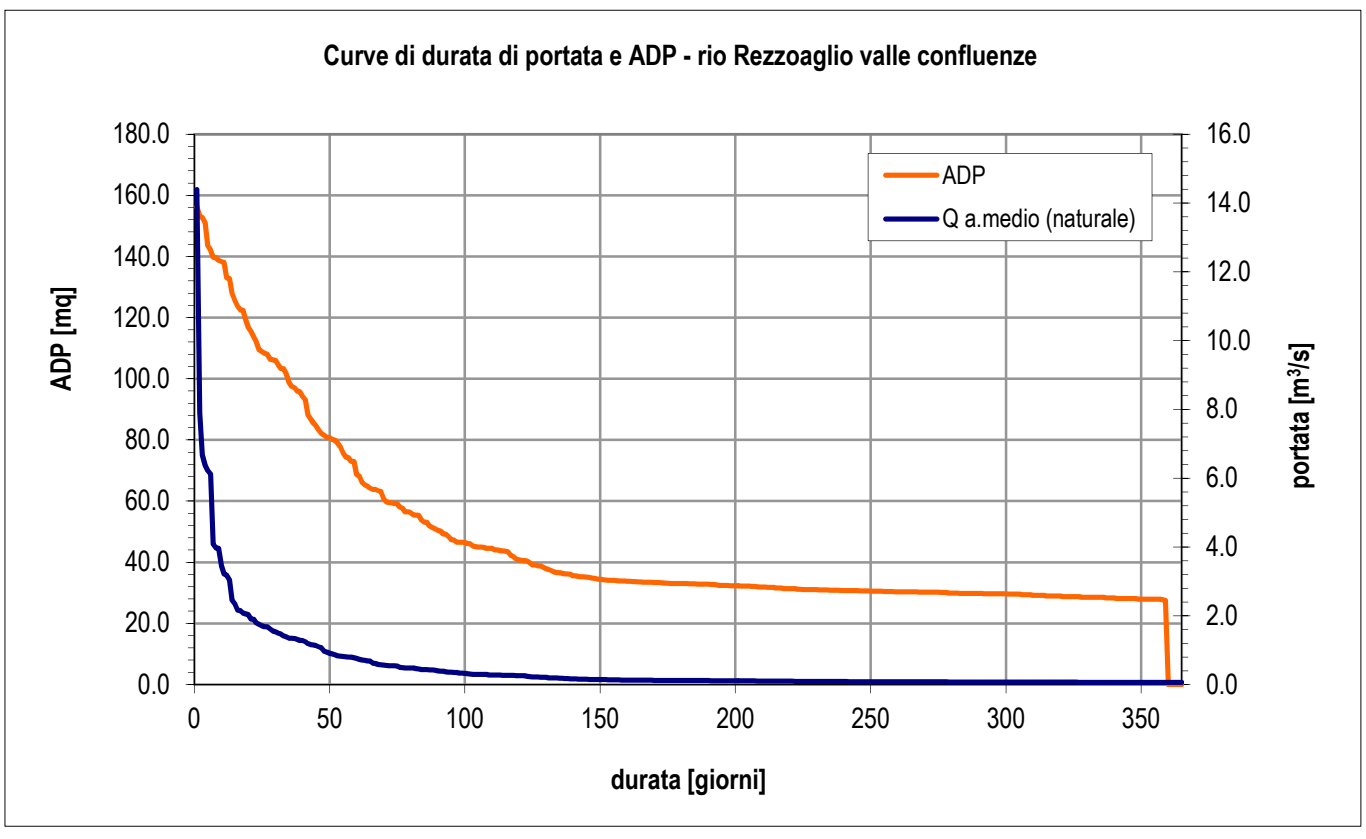

Idrogrammi portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP (fario adulto)
Q a. medio (naturale)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

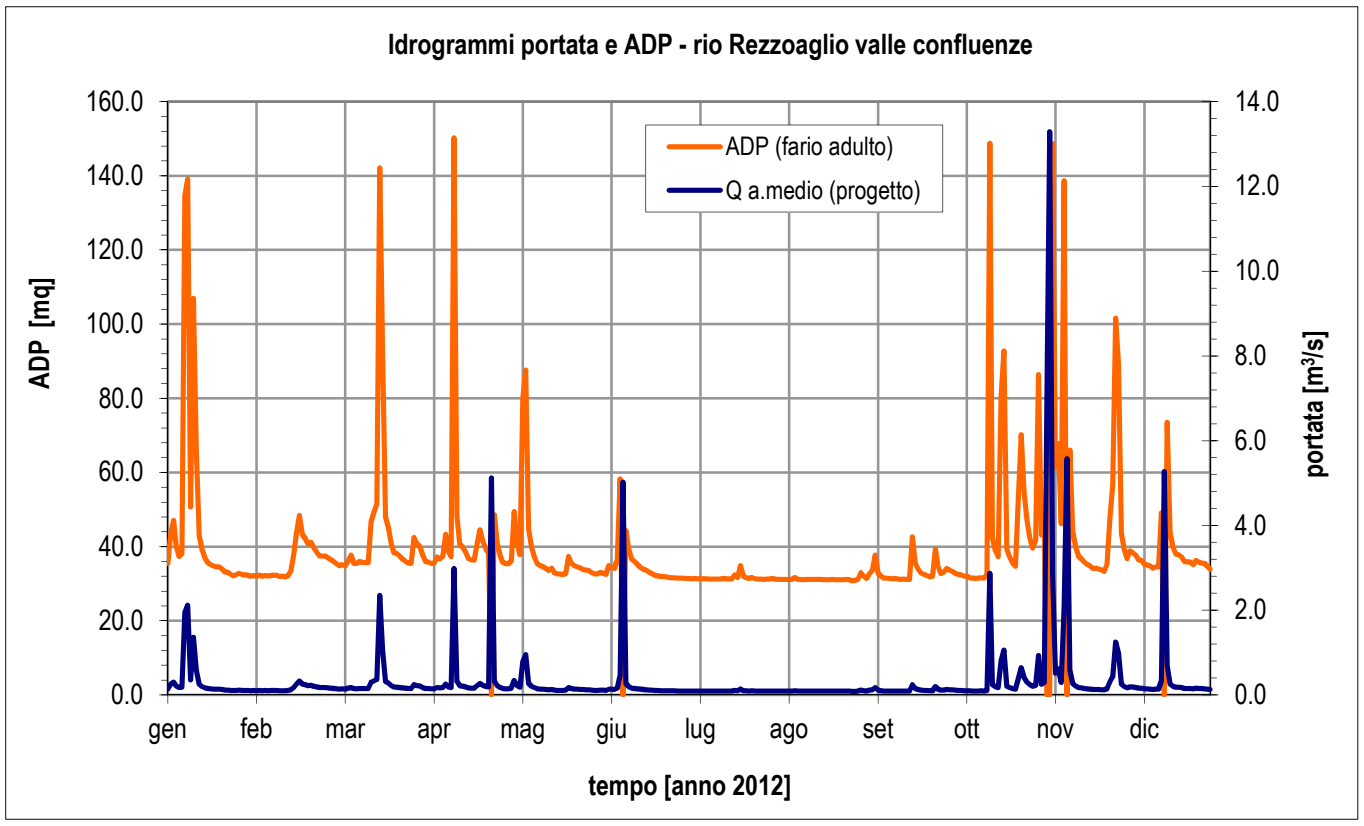

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

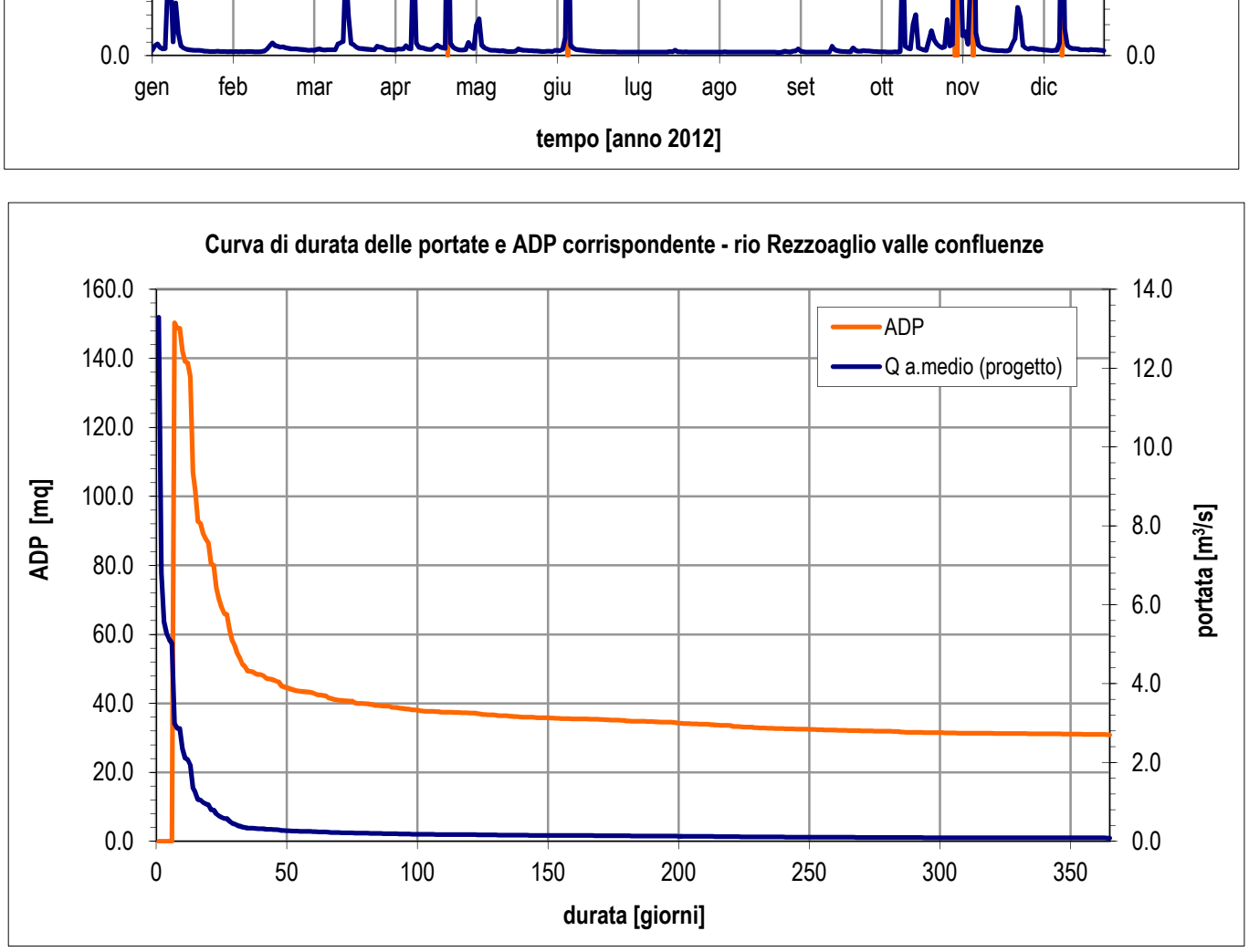

Curve di durata di portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

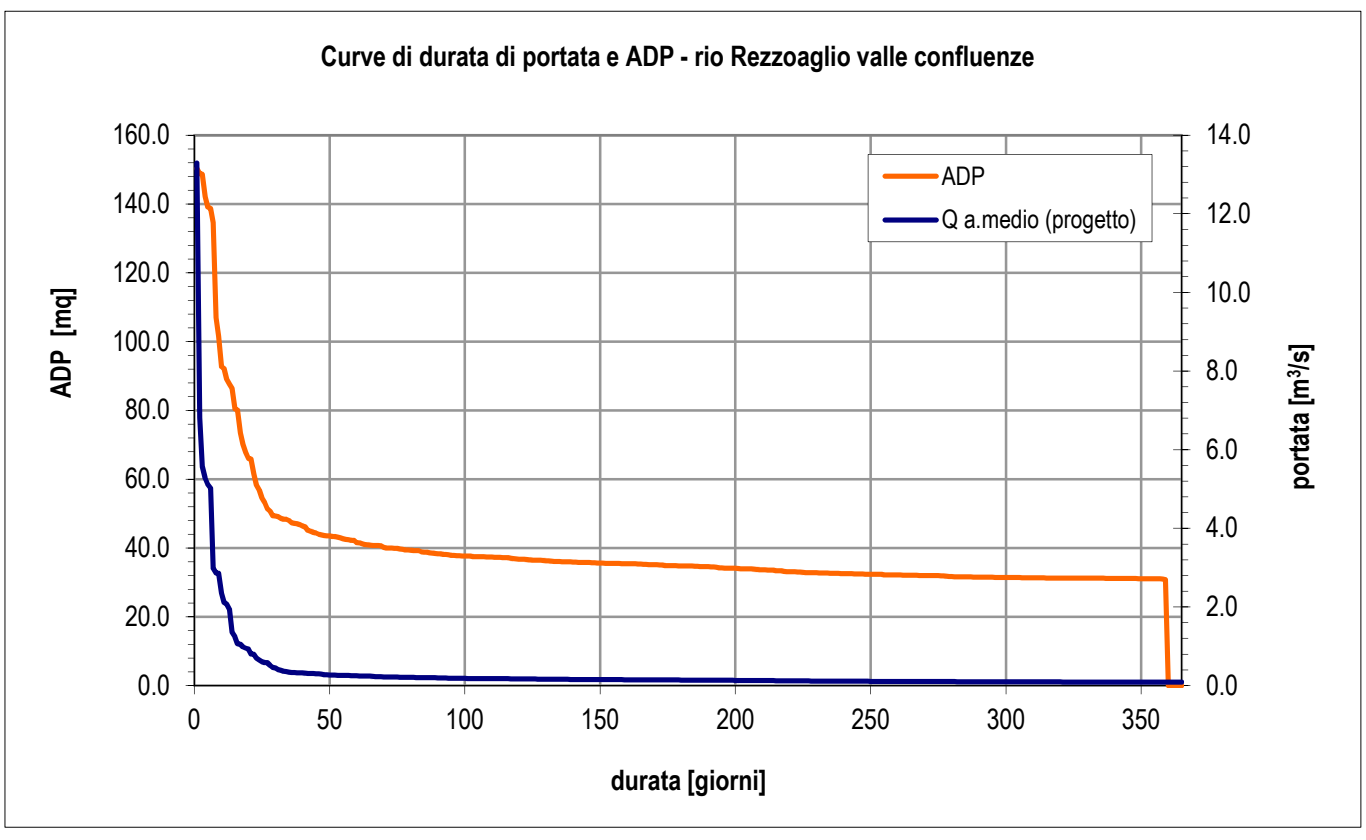

Idrogrammi portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP (fario adulto)
Q a.medio (attuale)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

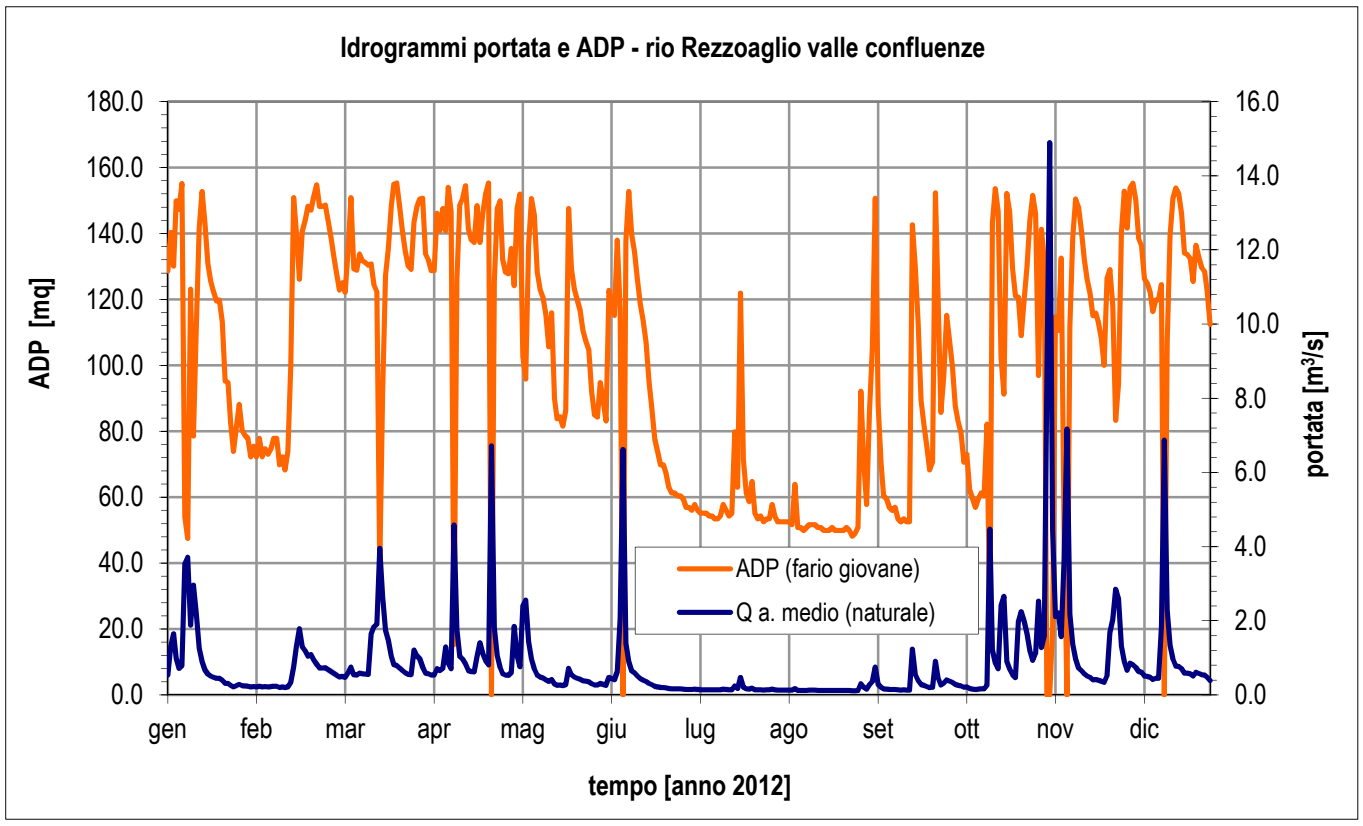

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

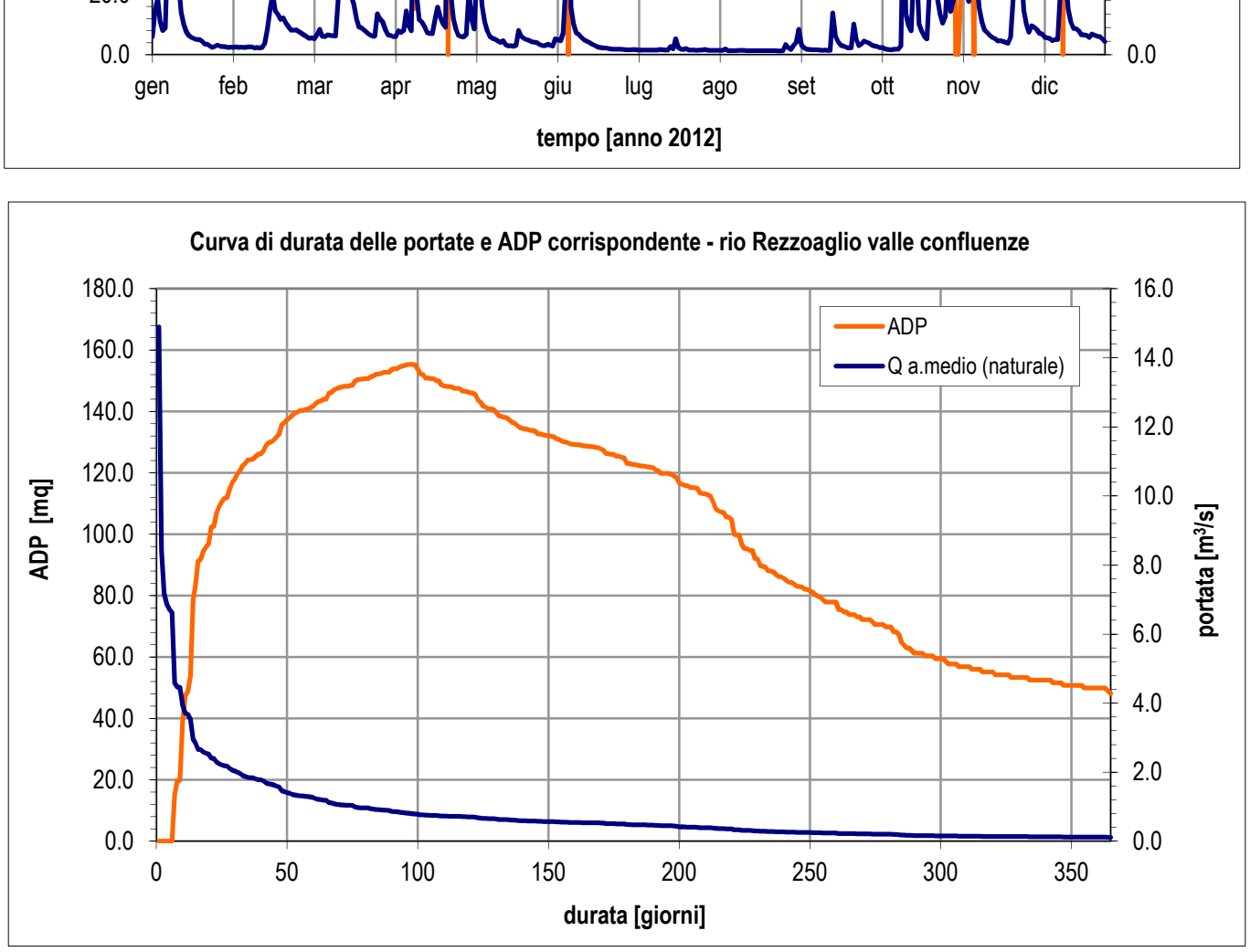

Curve di durata di portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

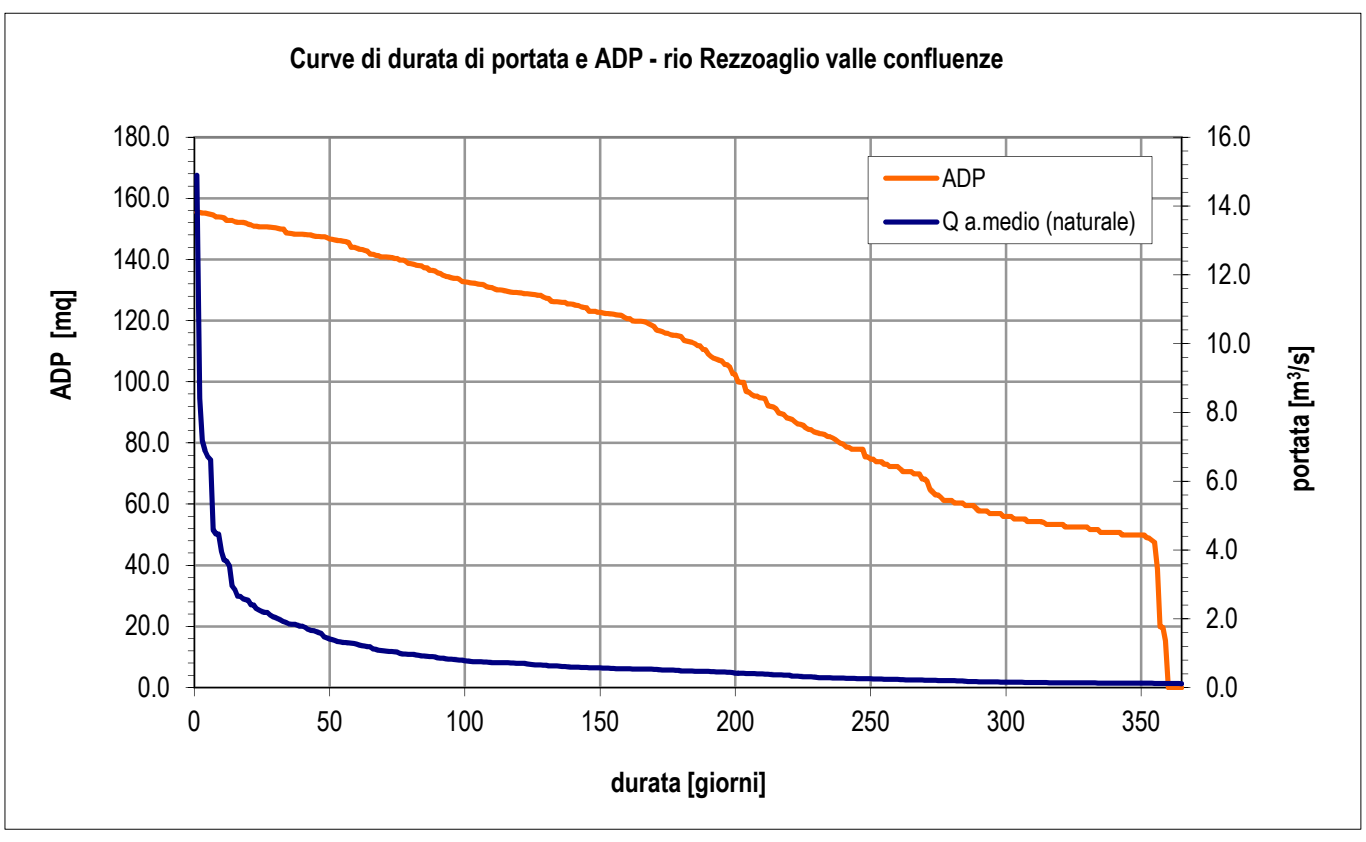

Idrogrammi portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP (fario adulto)
Q a.medio (progetto)
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

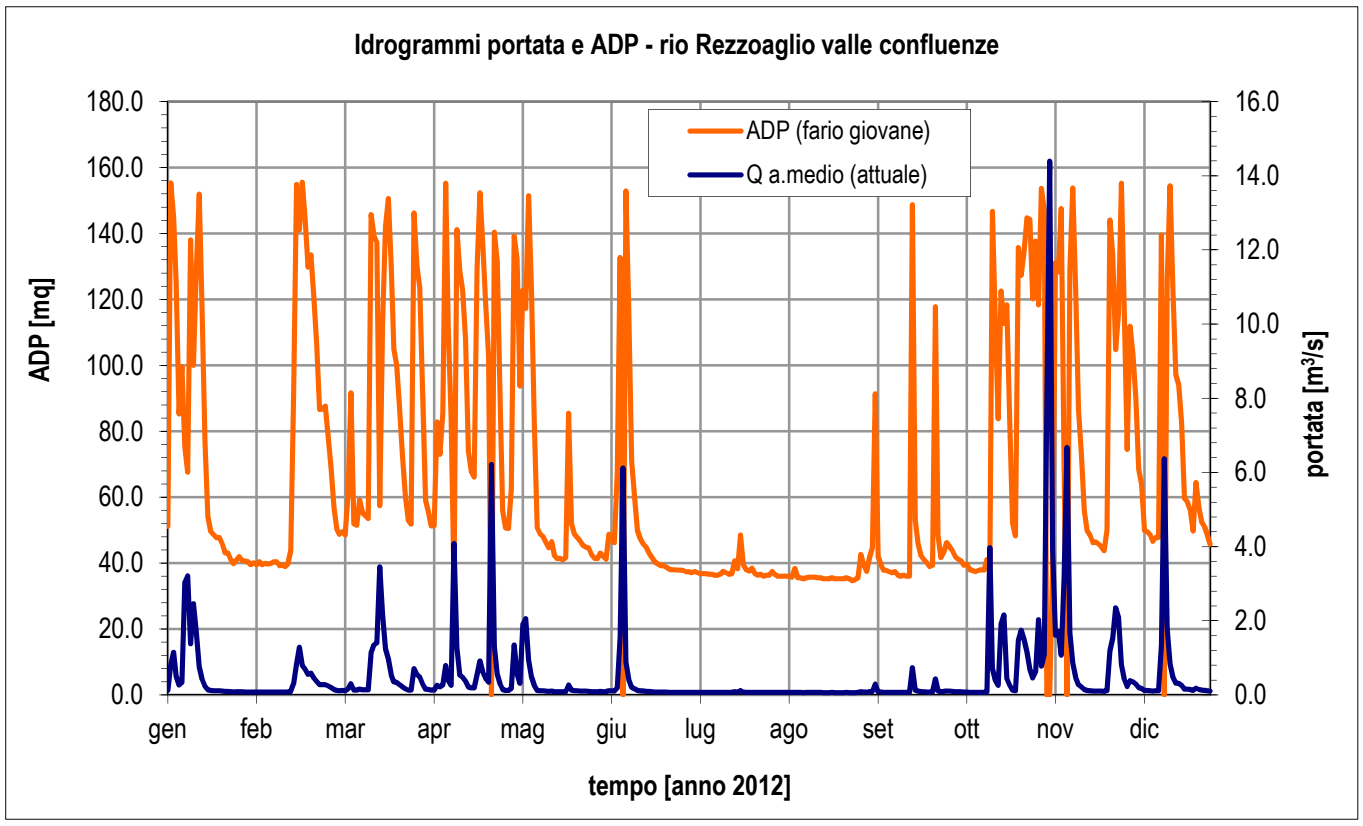

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

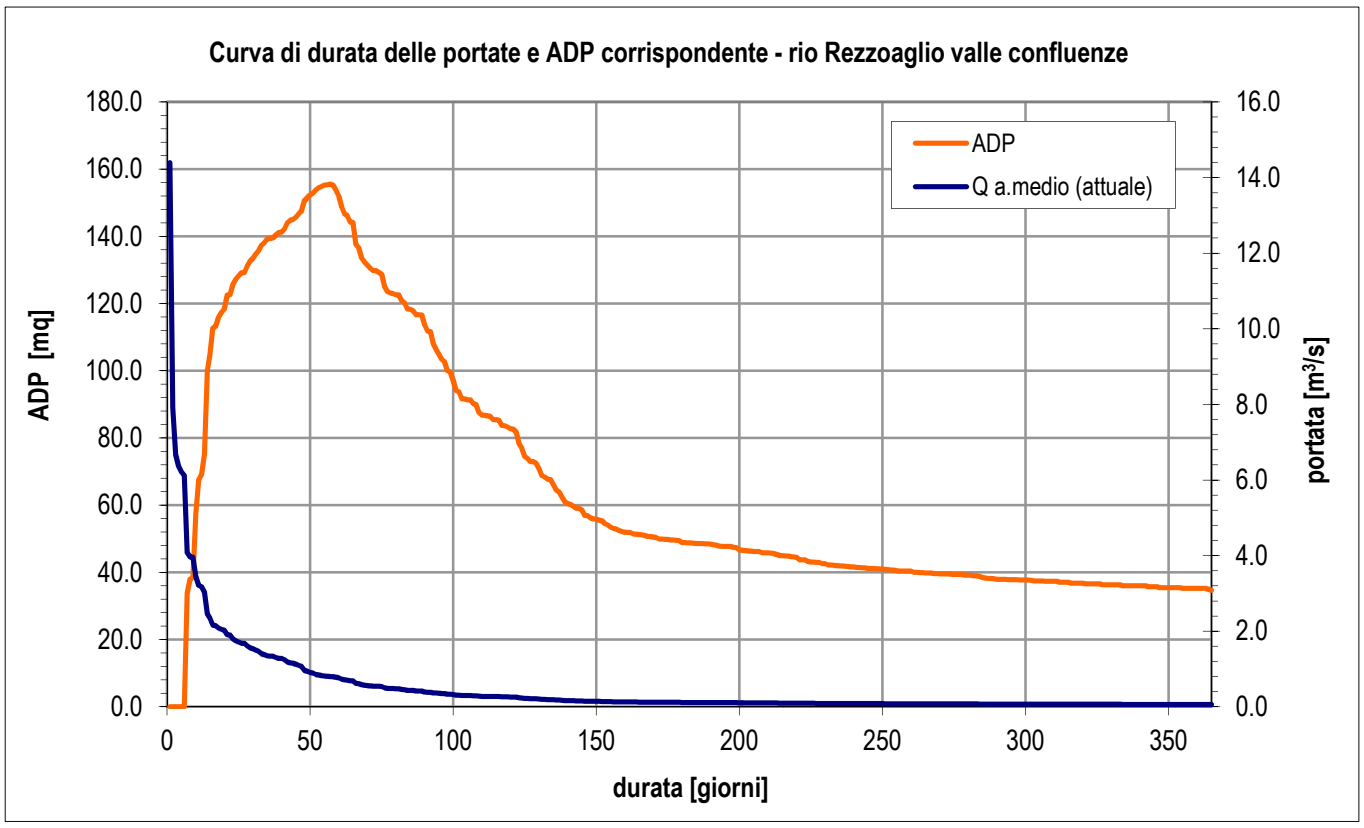

Curve di durata di portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

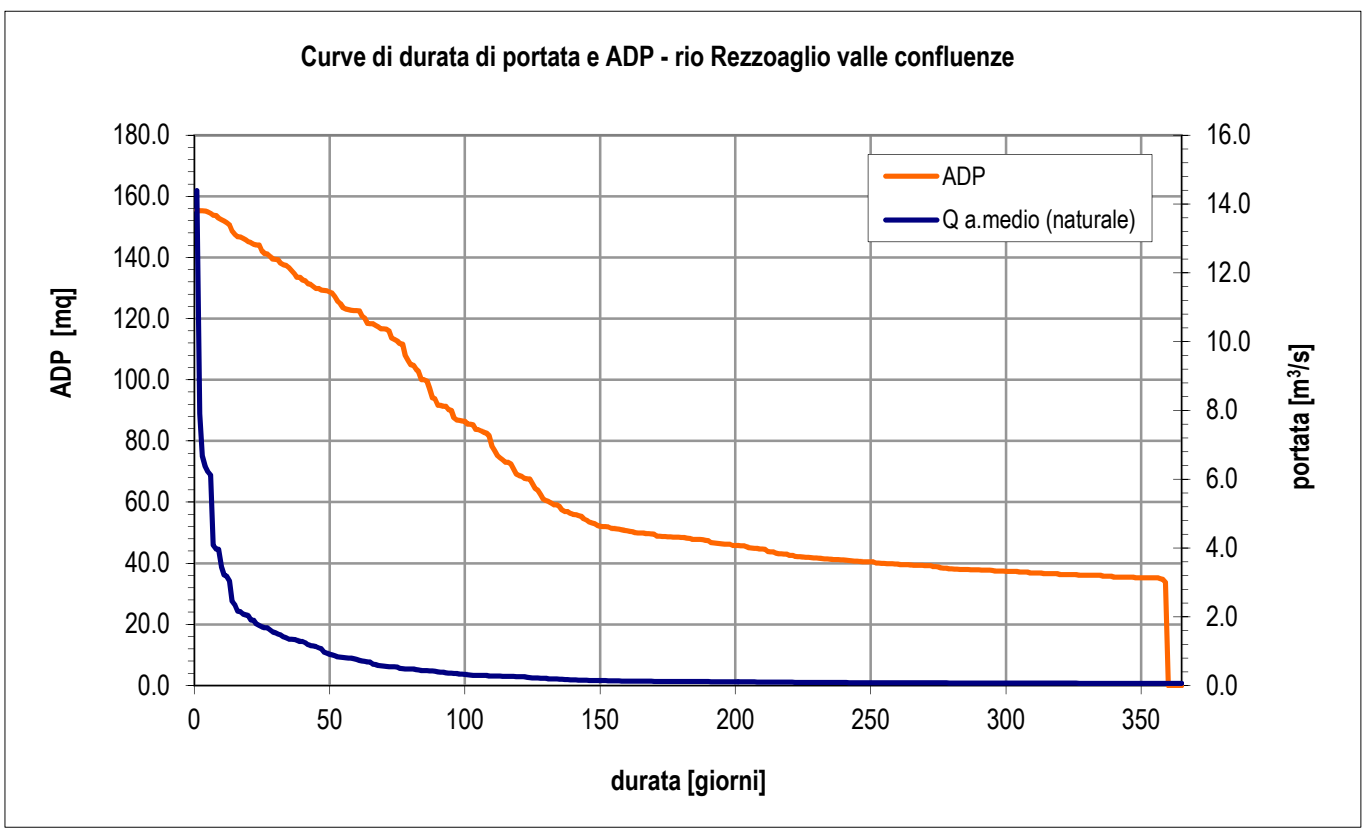

Idrogrammi portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
ADP (fario giovane)
Q a. medio (naturale)
tempo [anno 2012]

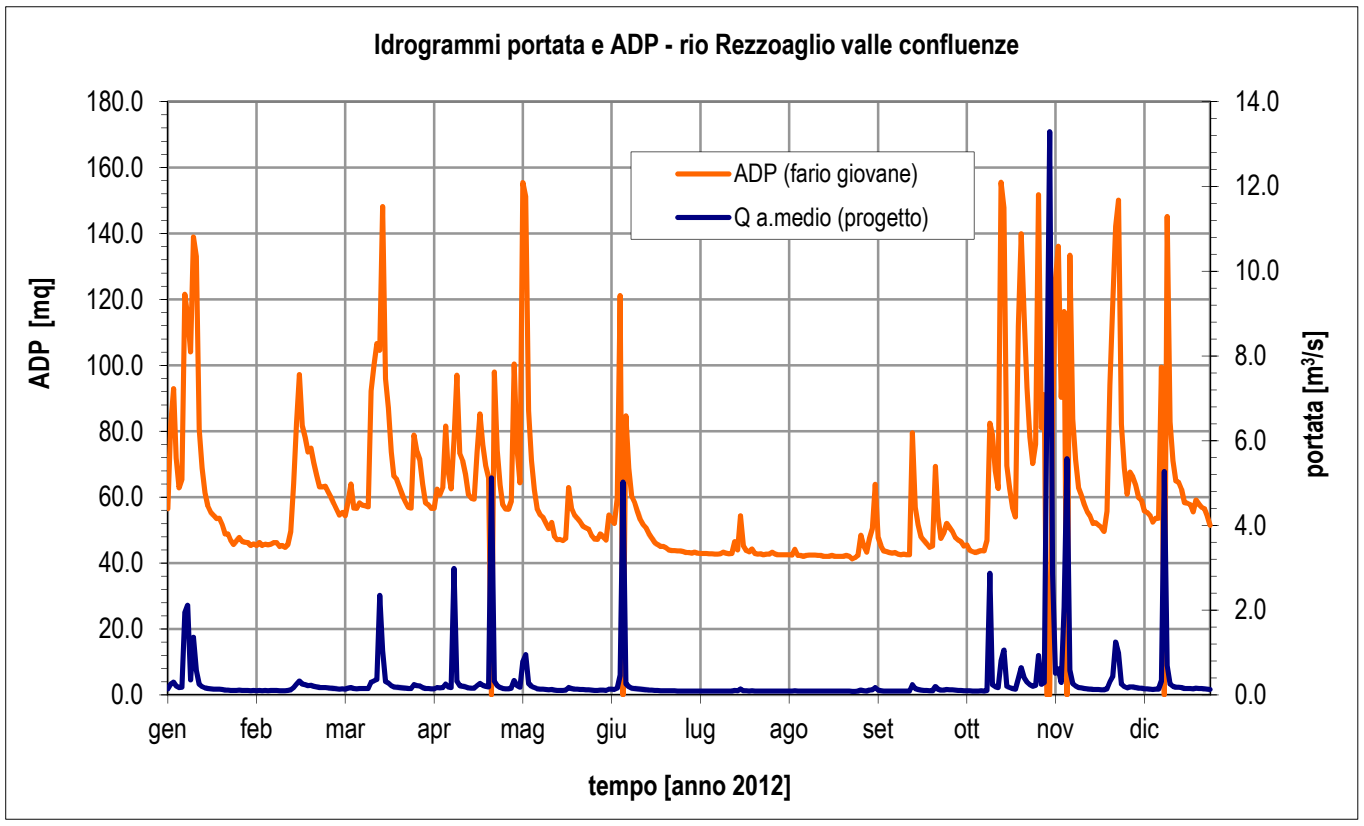

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
ADP
Q a.medio (naturale)
durata [giorni]

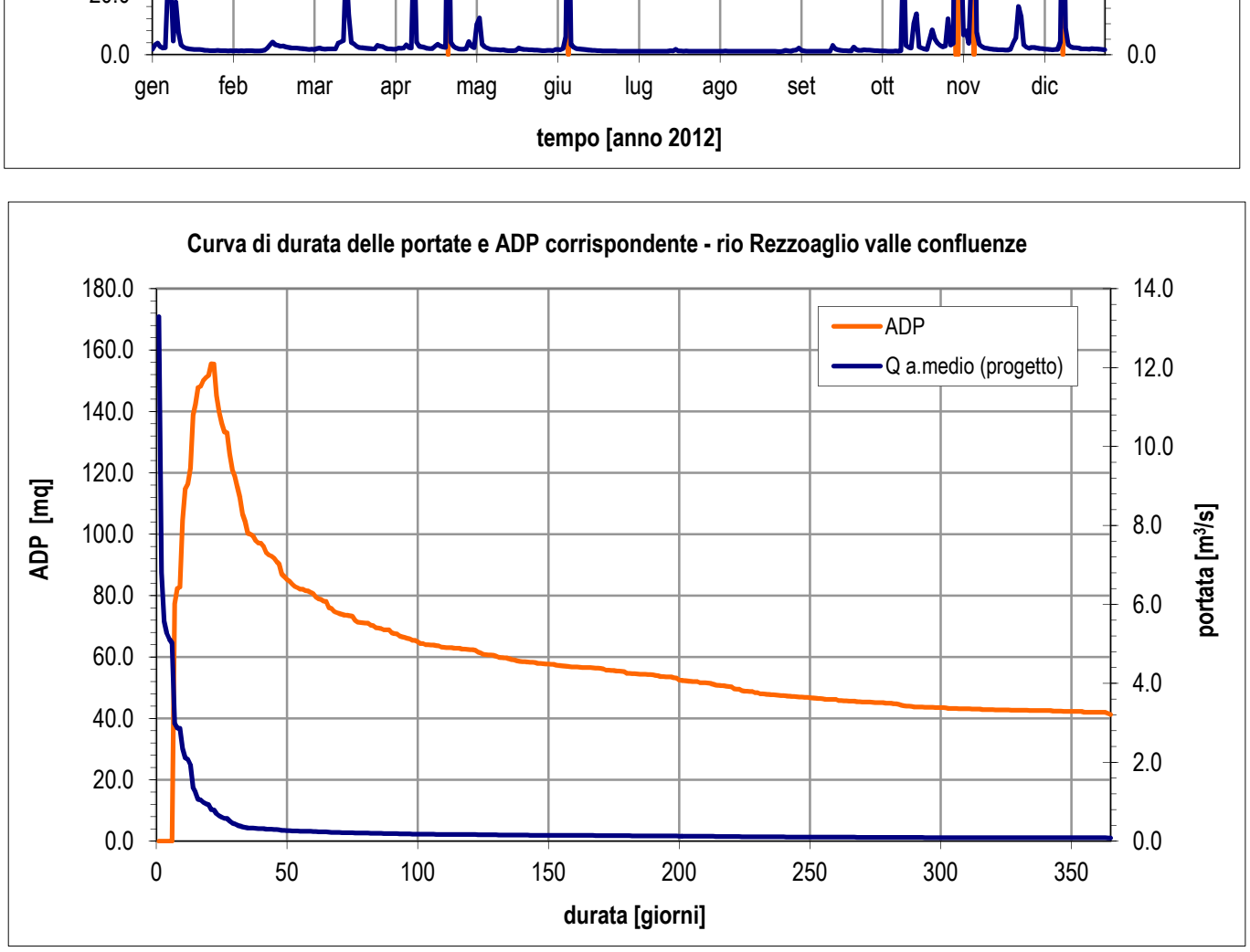

Curve di durata di portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
ADP
Q a.medio (naturale)
durata [giorni]

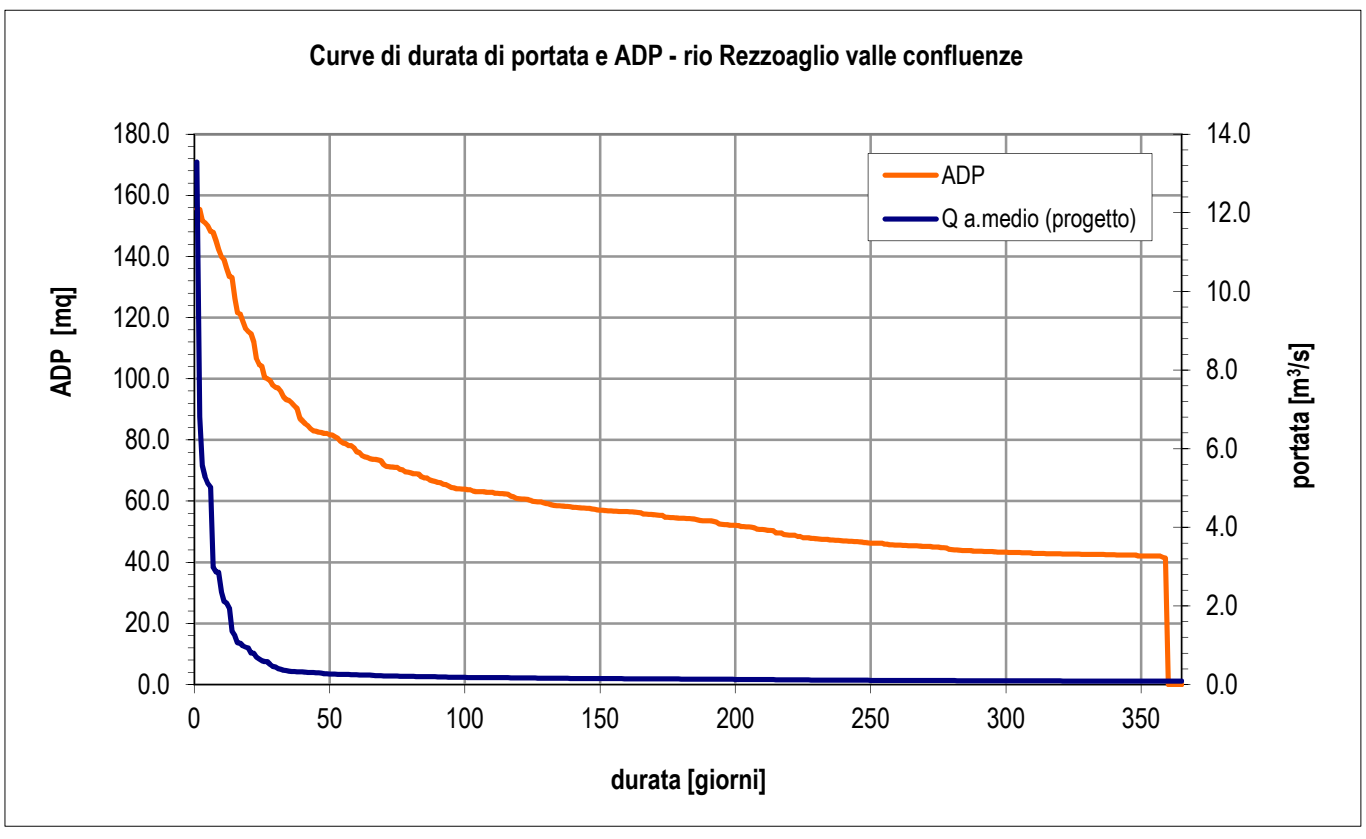

Idrogrammi portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP (fario giovane)
Q a.medio (attuale)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
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gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

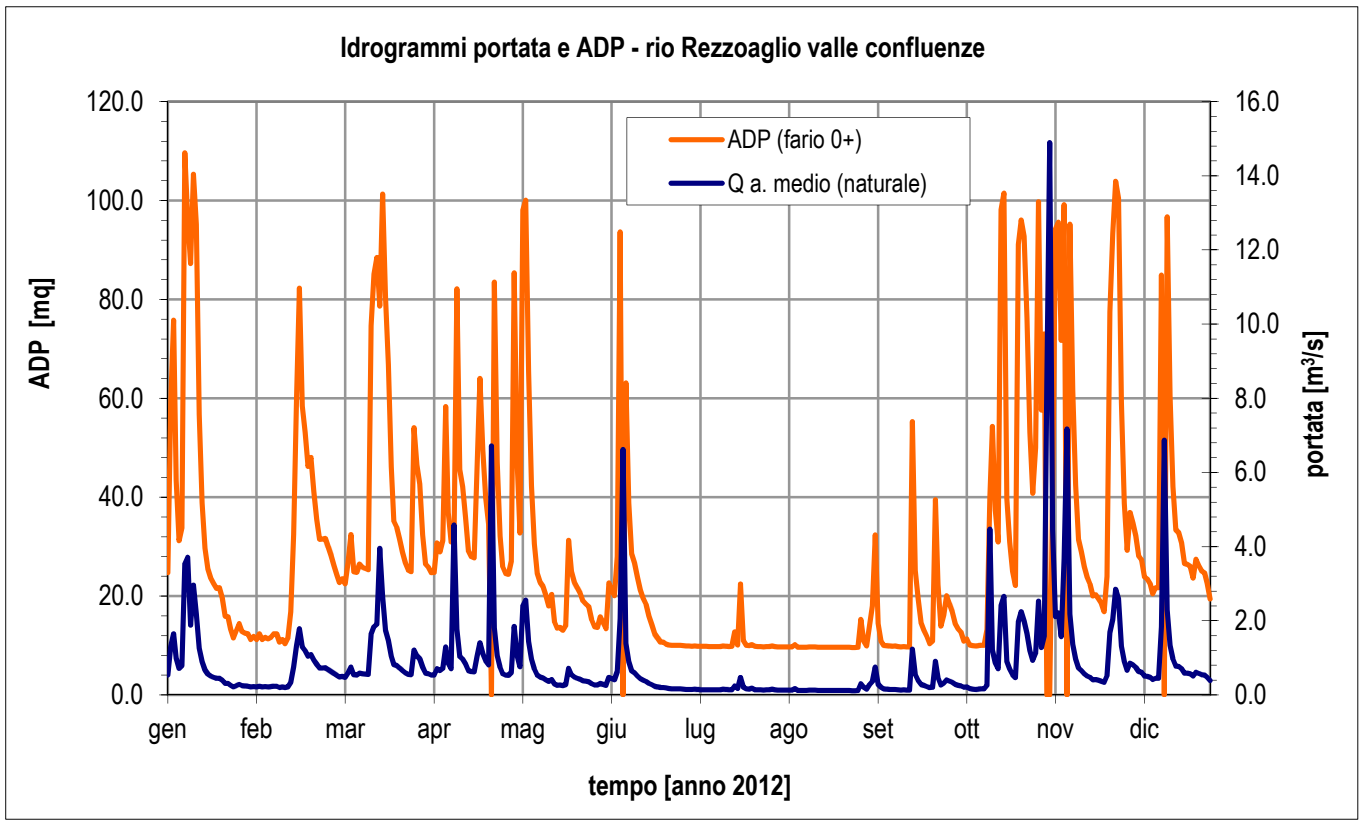

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

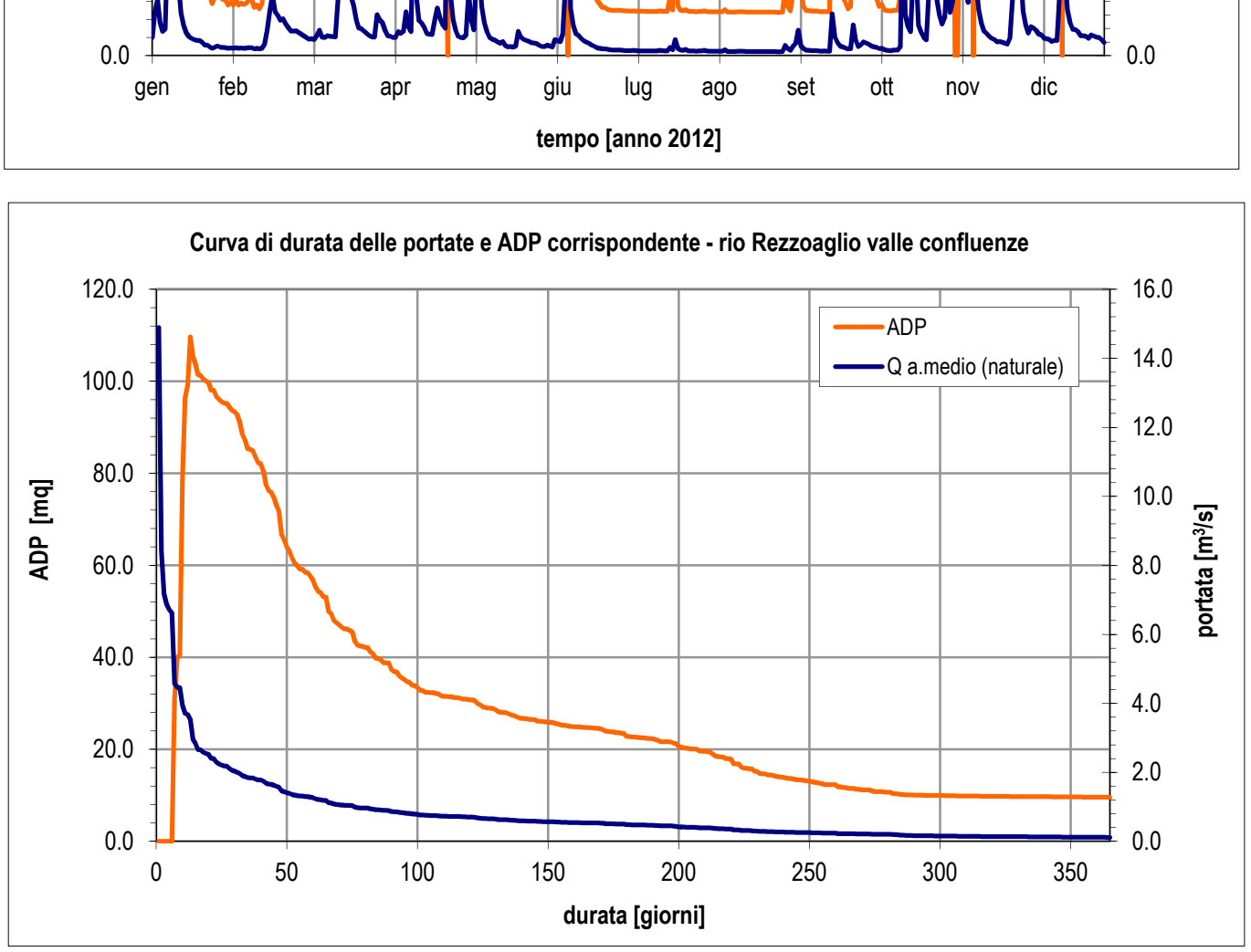

Curve di durata di portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

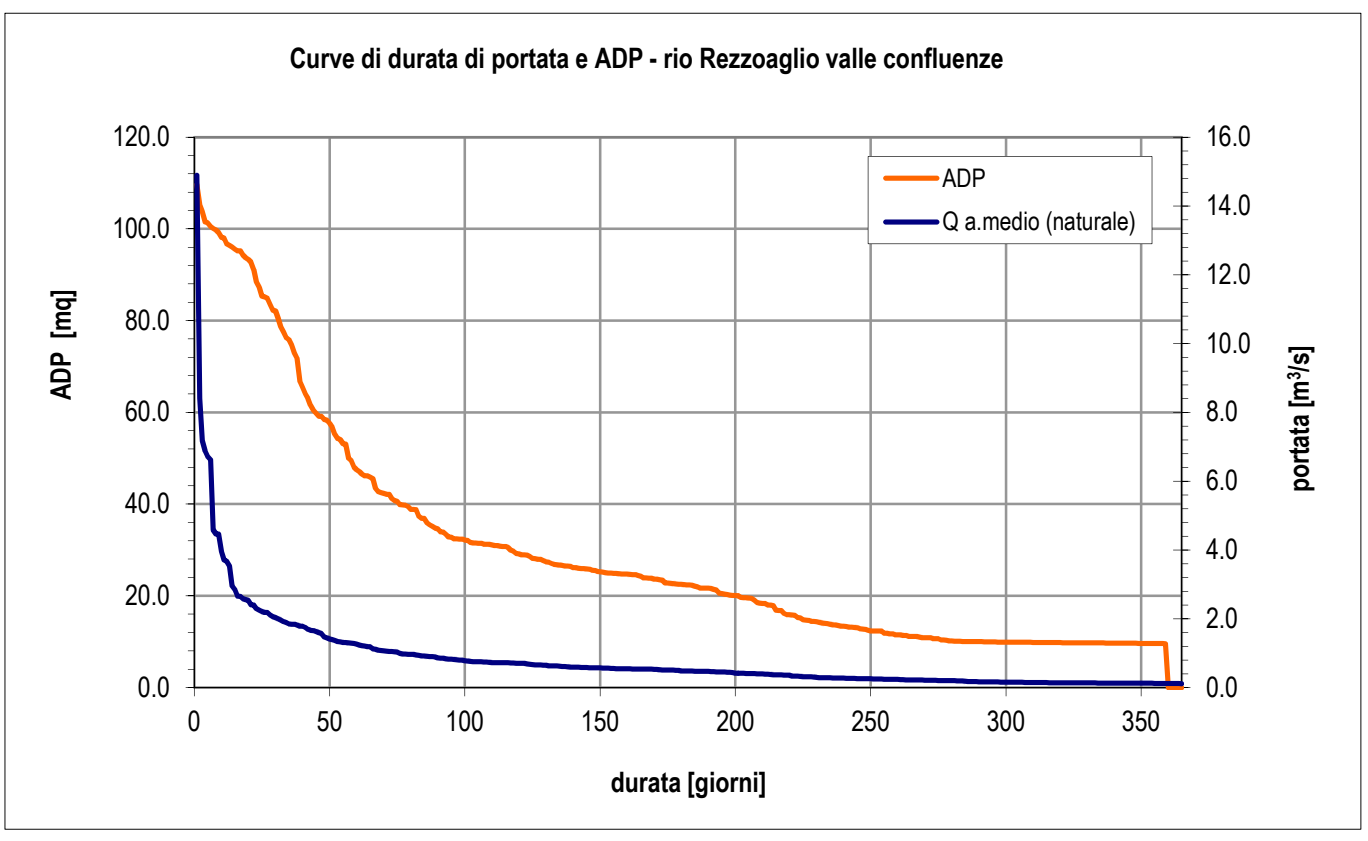

Idrogrammi portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP (fario giovane)
Q a.medio (progetto)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

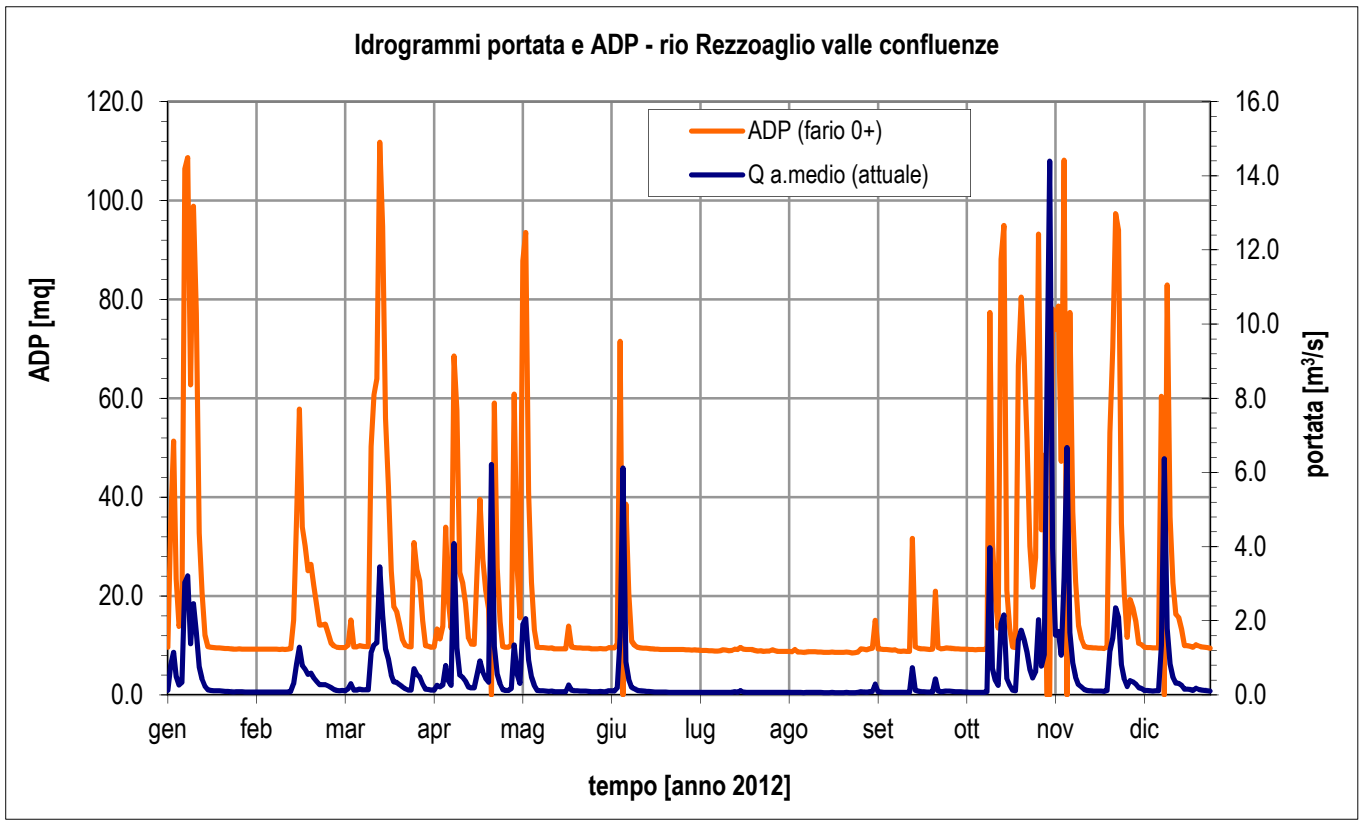

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

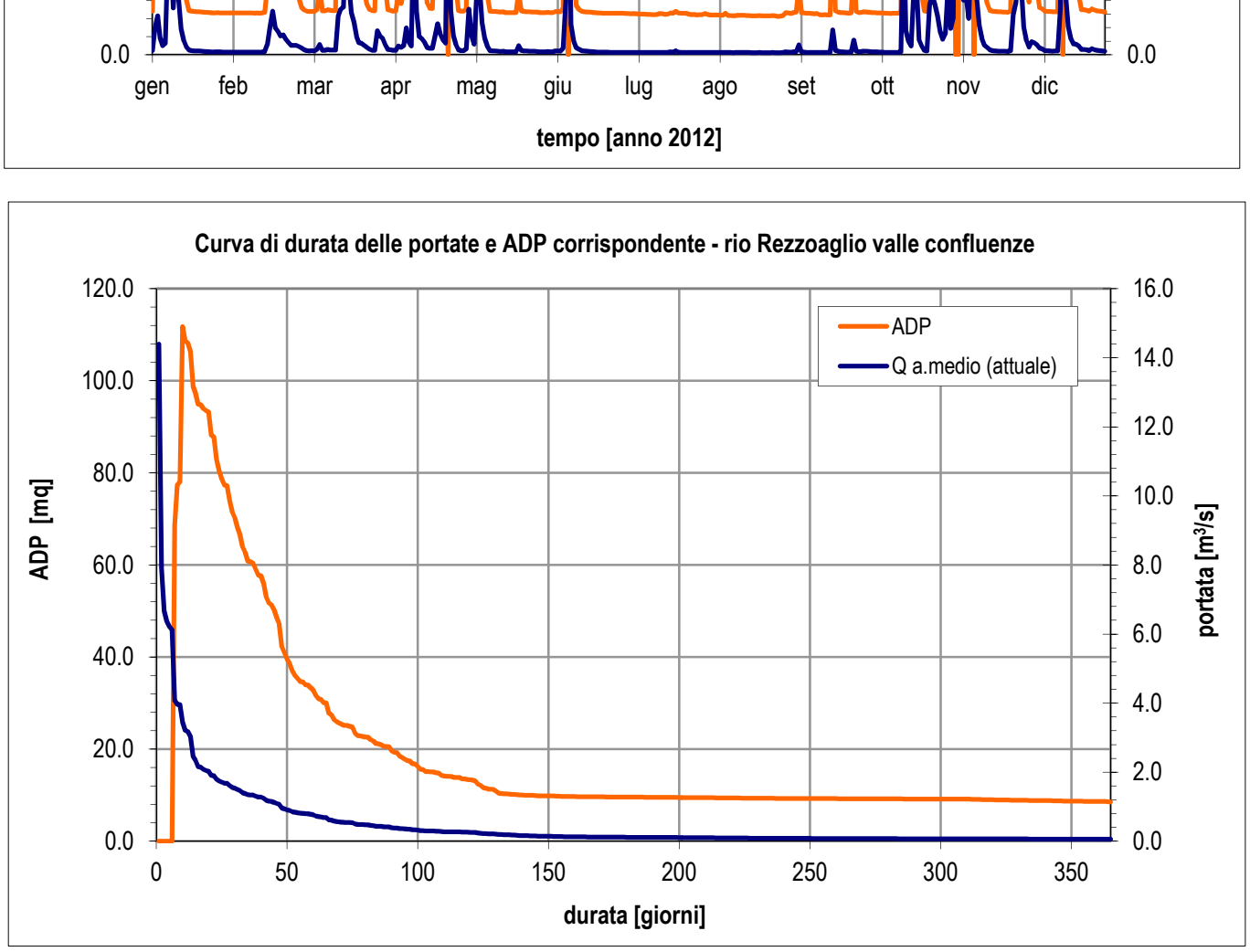

Curve di durata di portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

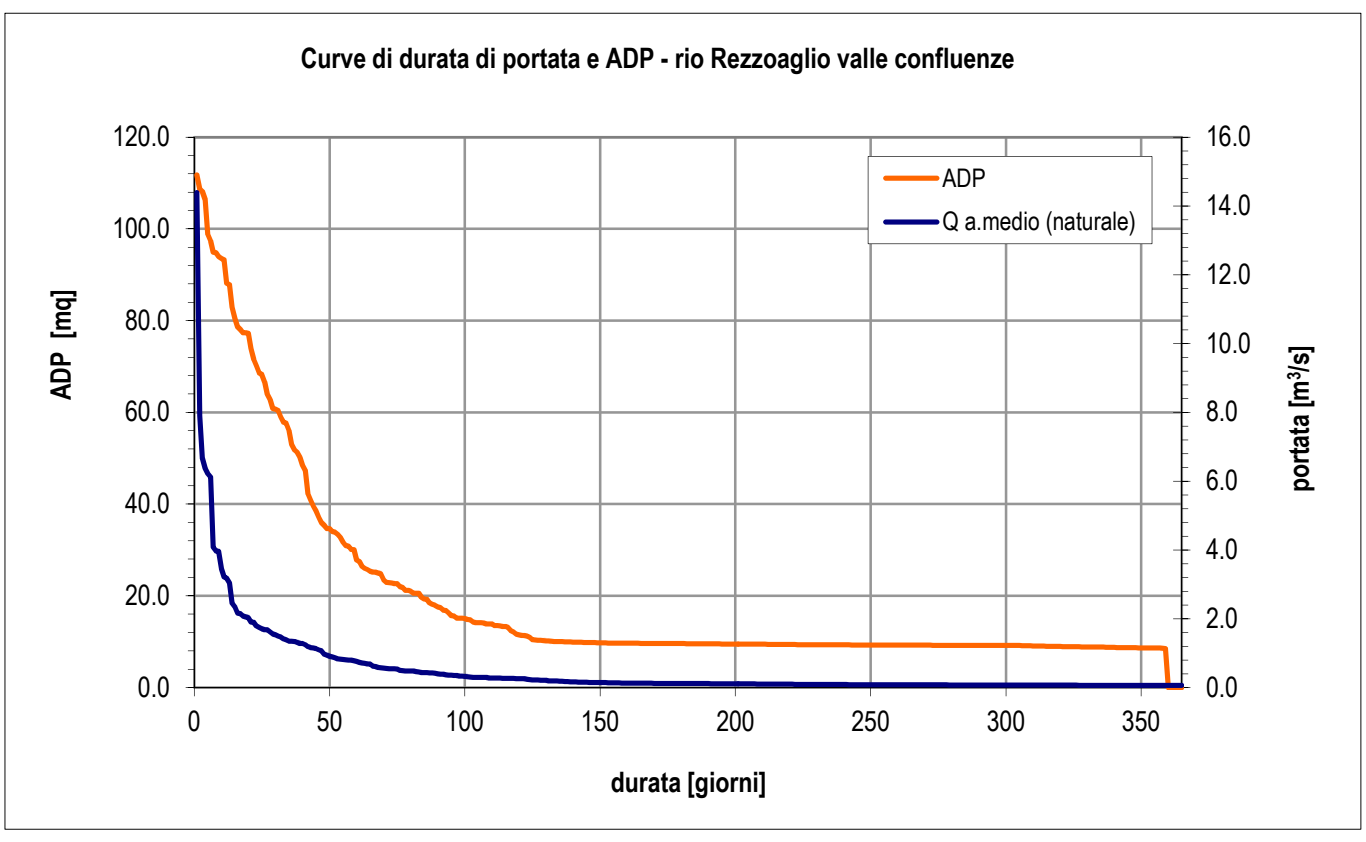

Idrogrammi portata e ADP - rio Rezzoaglio valle confluenze
ADP (fario 0+)
Q a. medio (naturale)
ADP [mq]
portata [m³/s]
tempo [anno 2012]
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic

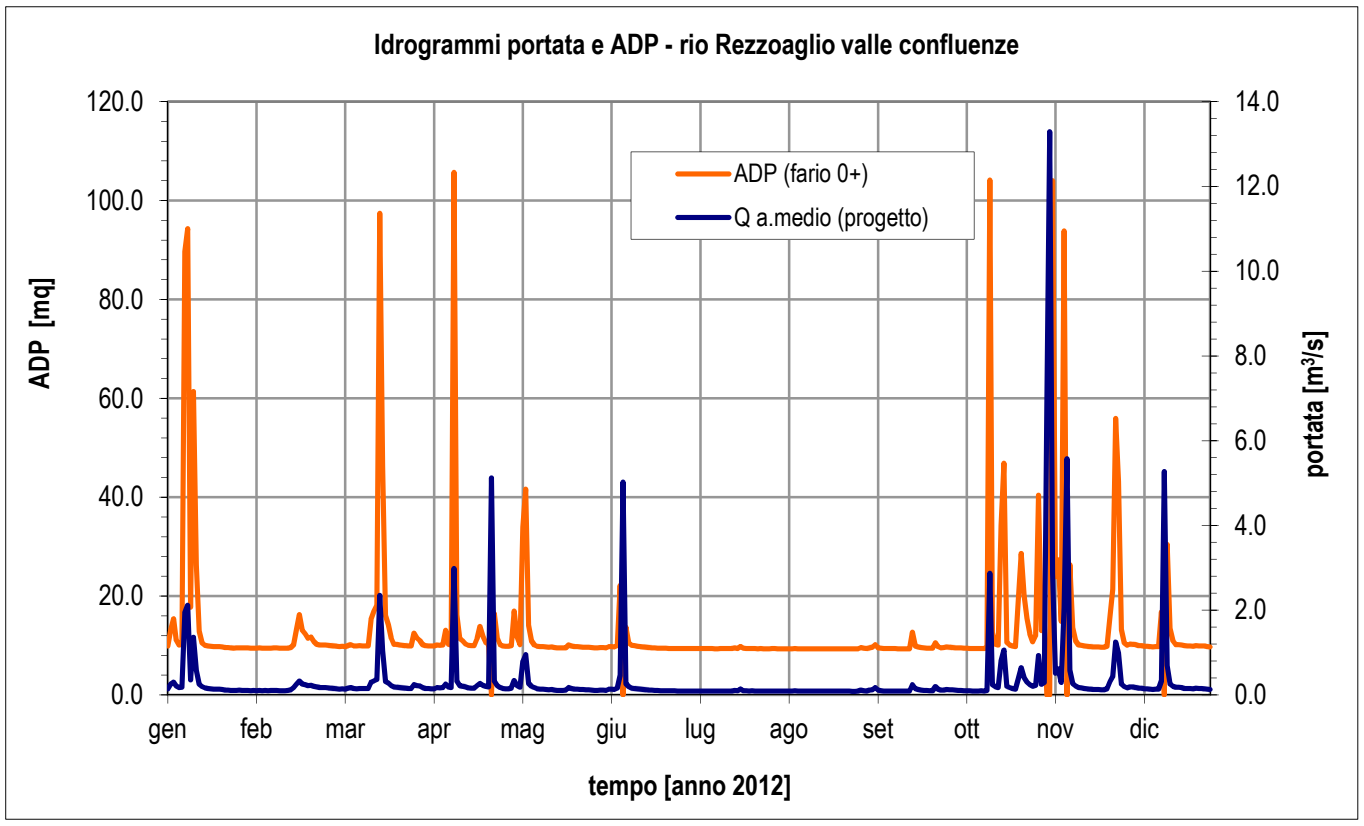

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio valle confluenze
ADP
Q a.medio (naturale)
ADP [mq]
portata [m³/s]
durata [giorni]

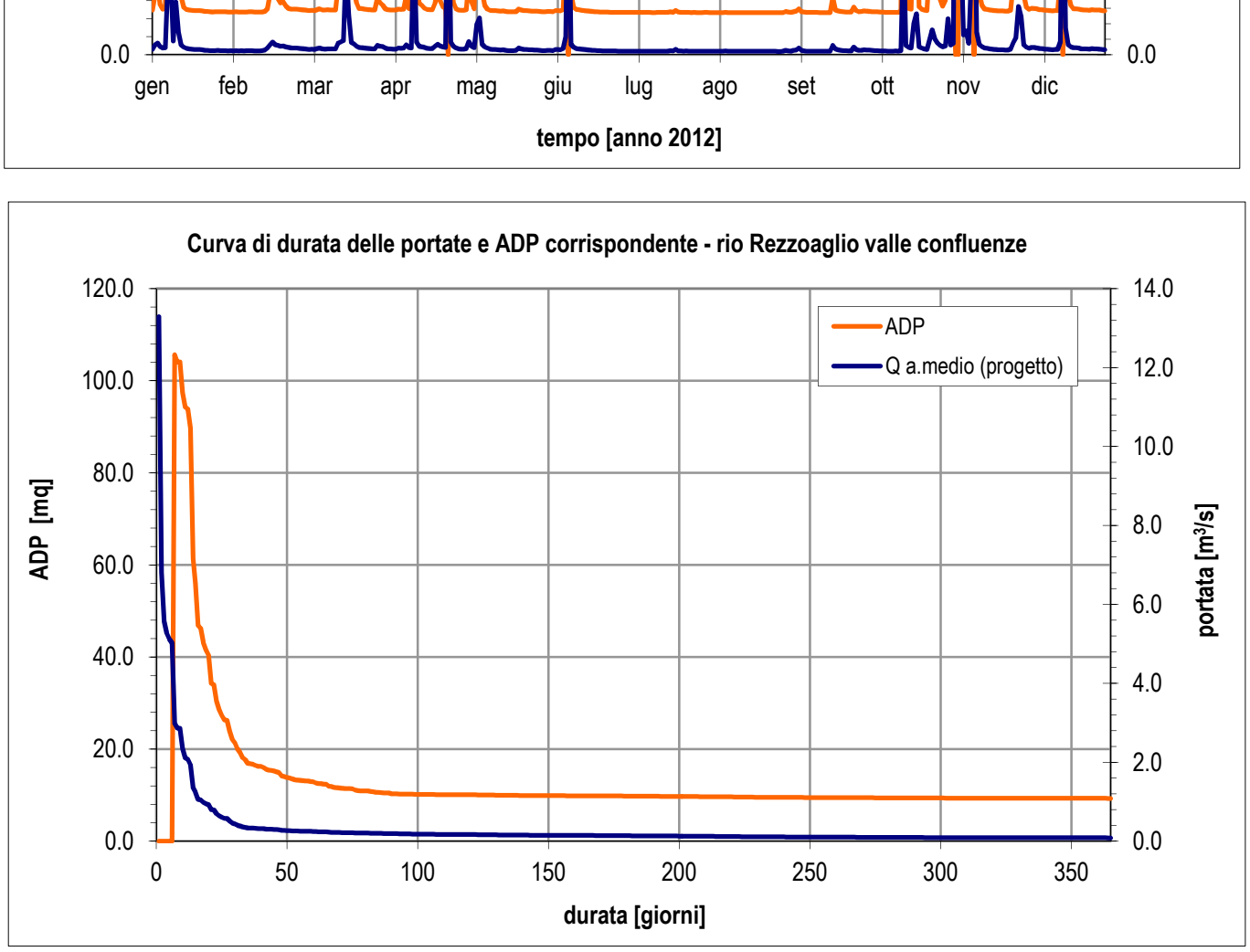

Curve di durata di portata e ADP - rio Rezzoaglio valle confluenze
ADP
Q a.medio (naturale)
ADP [mq]
portata [m³/s]
durata [giorni]

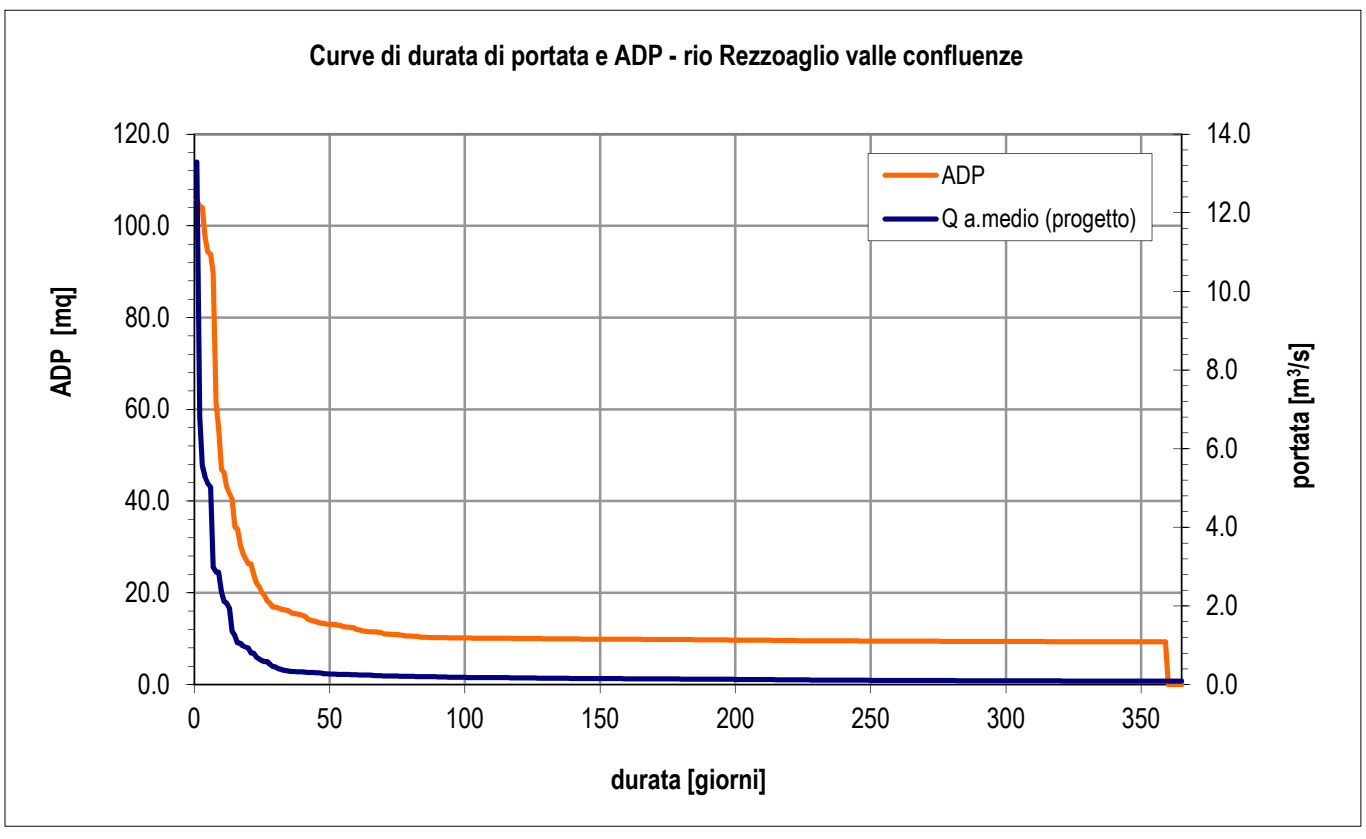

Idrogrammi portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP (fario 0+)
Q a.medio (attuale)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]


Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

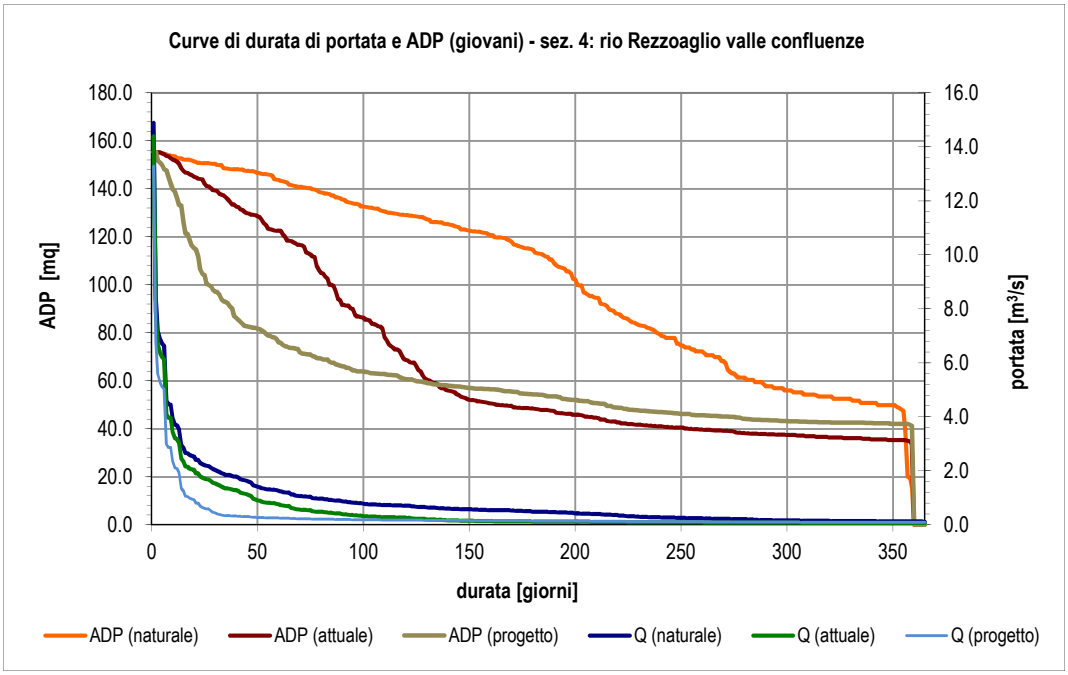

Curve di durata di portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

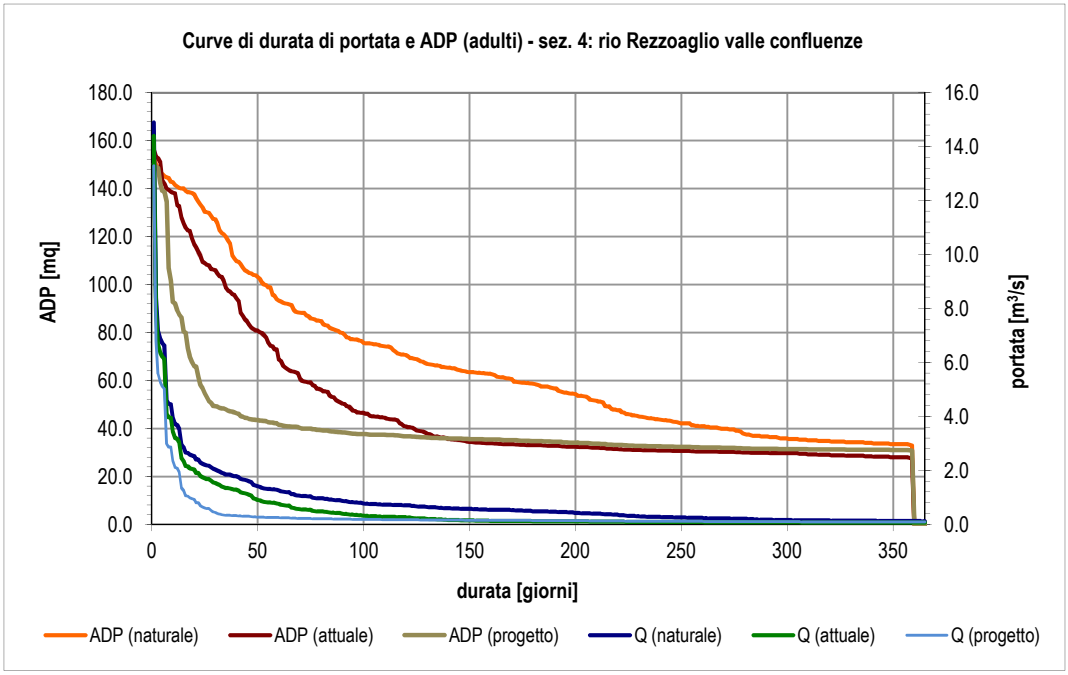

Idrogrammi portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP (fario 0+)
Q a.medio (progetto)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]


Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

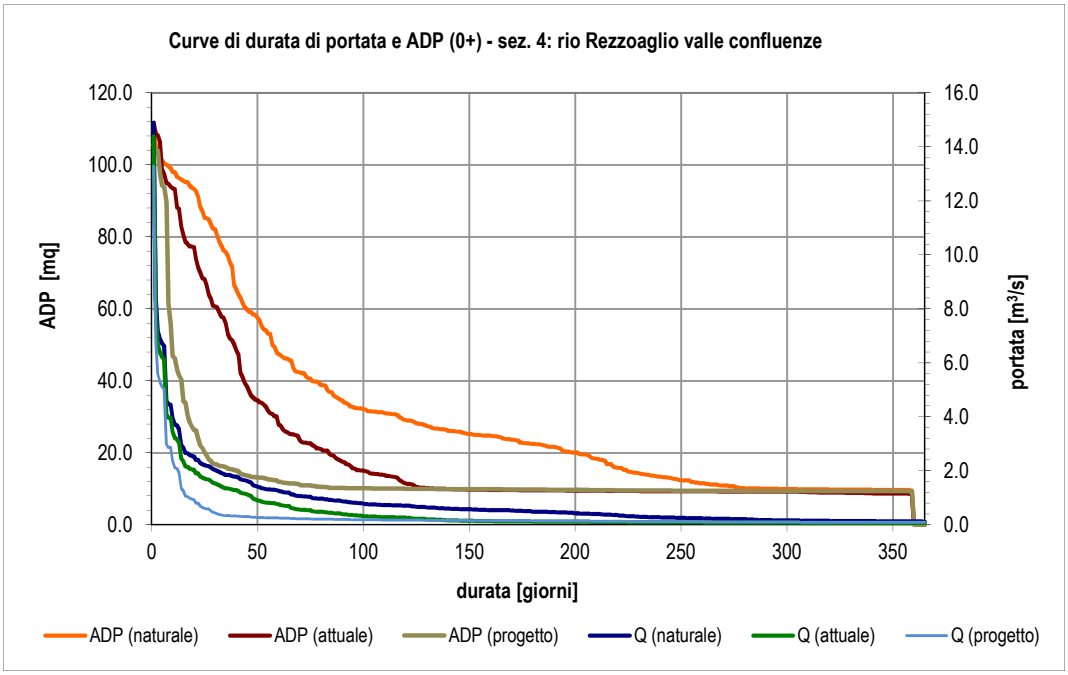

Curve di durata di portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

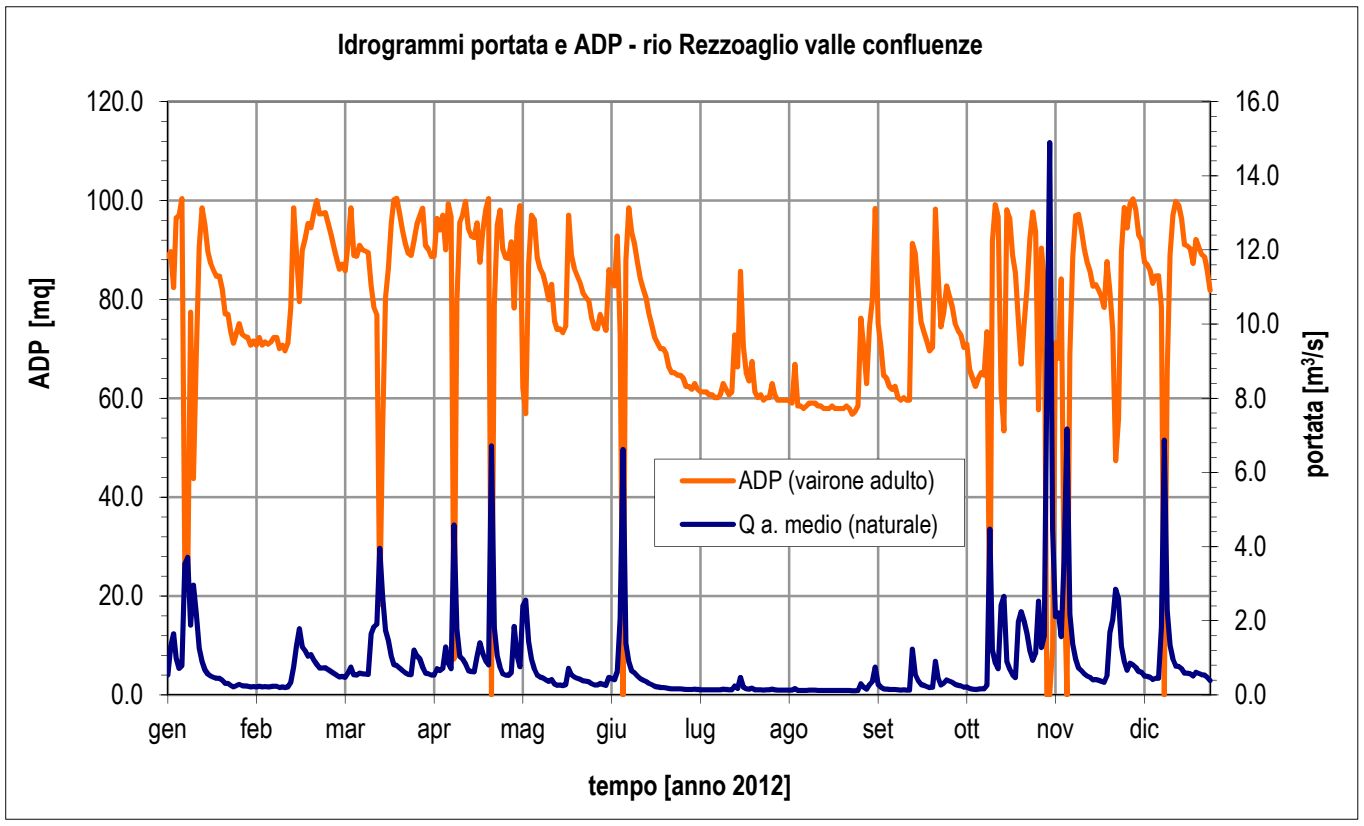
Confronto tra curve di durata Q e ADP (Trota fario) per il sito di monitoraggio (S4 - Rezzoaglio)

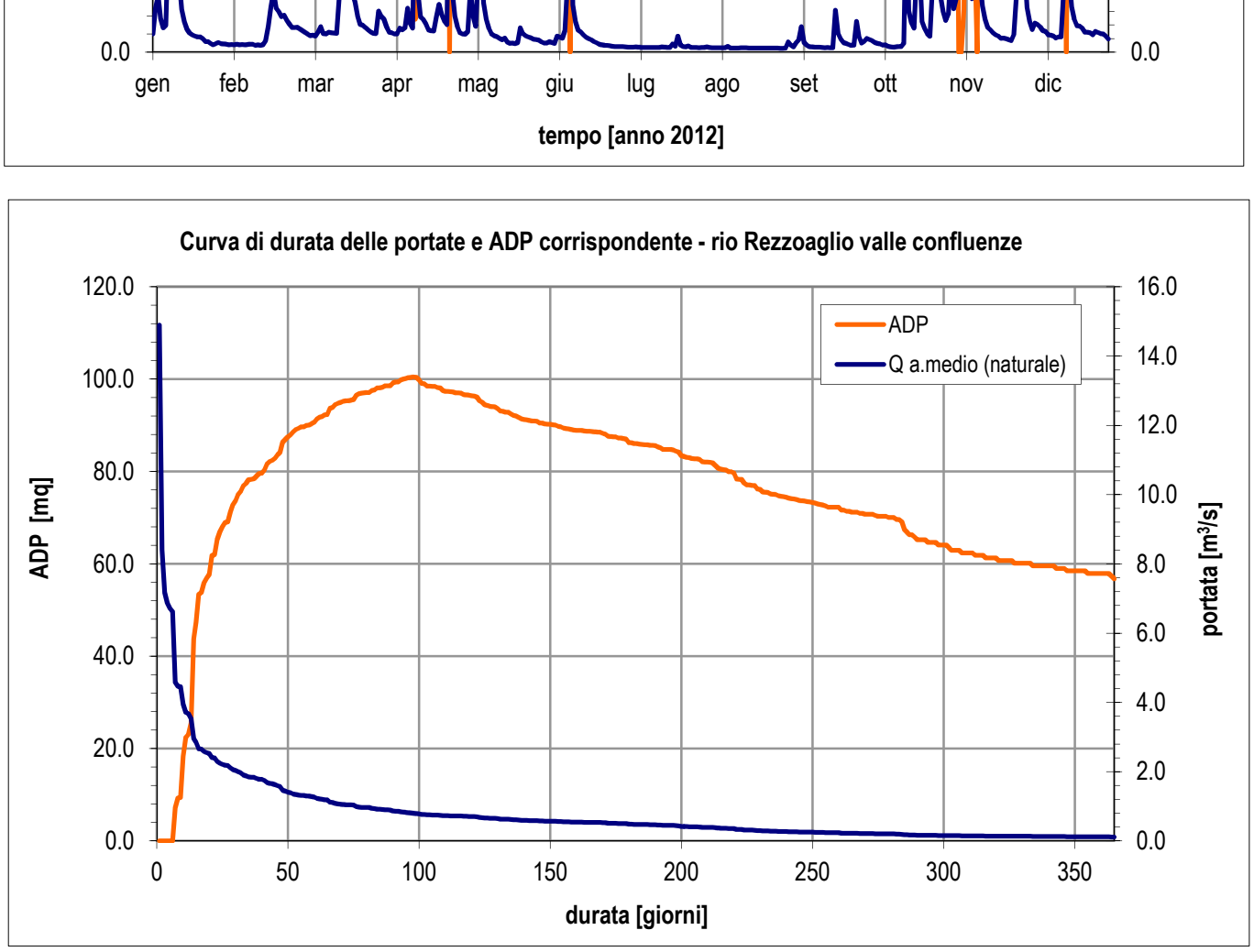


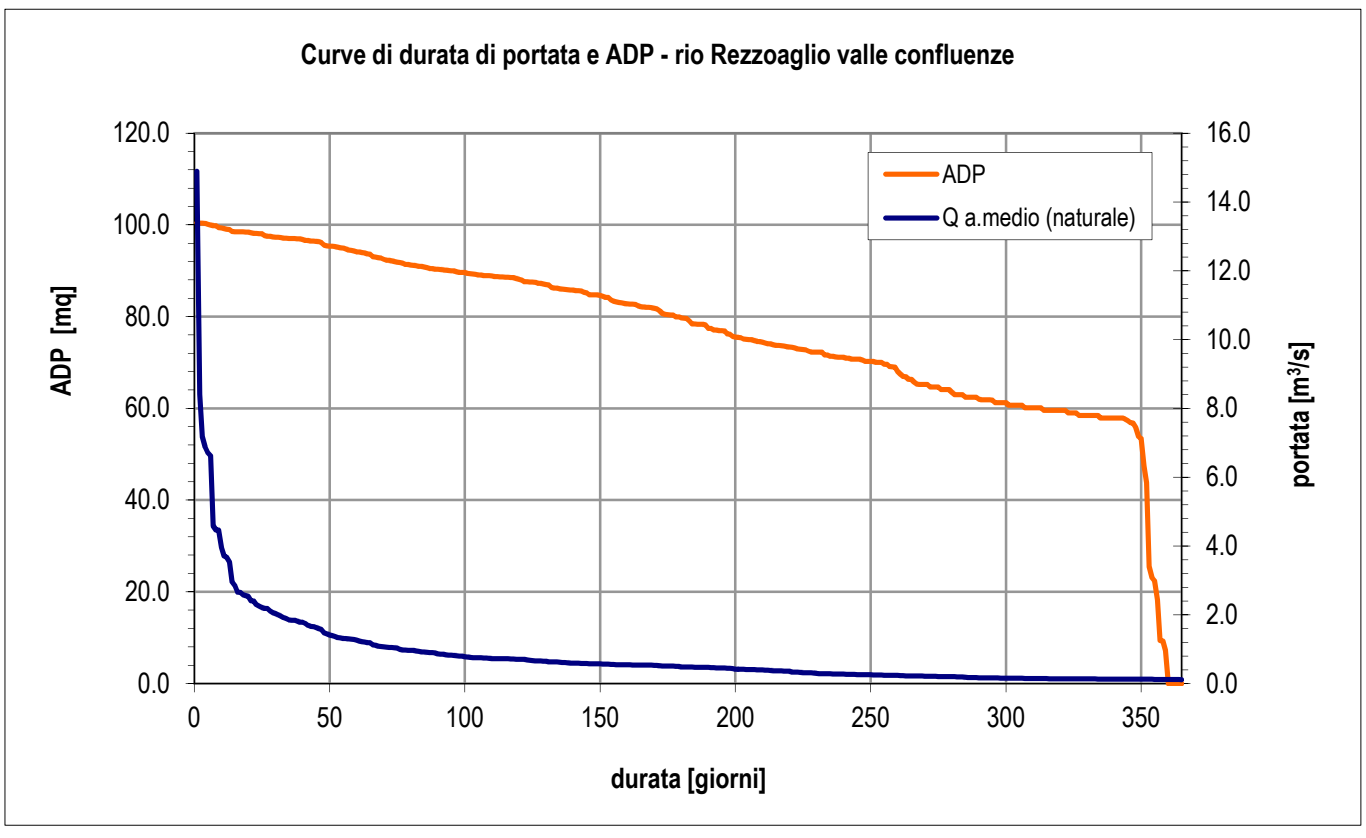


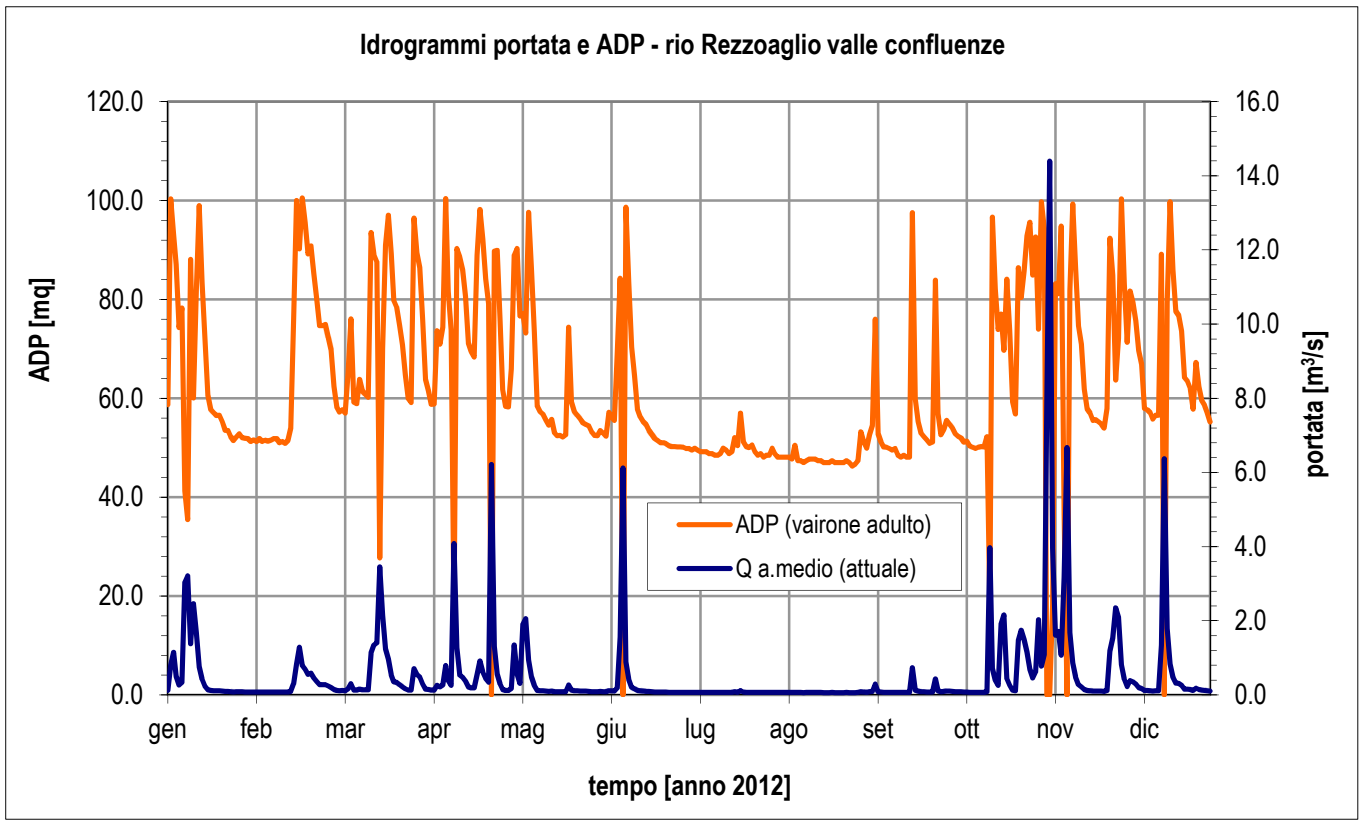
Confronto tra curve di durata Q e ADP (Trota fario 0+) per il sito di monitoraggio (S4 - Rezzoaglio)

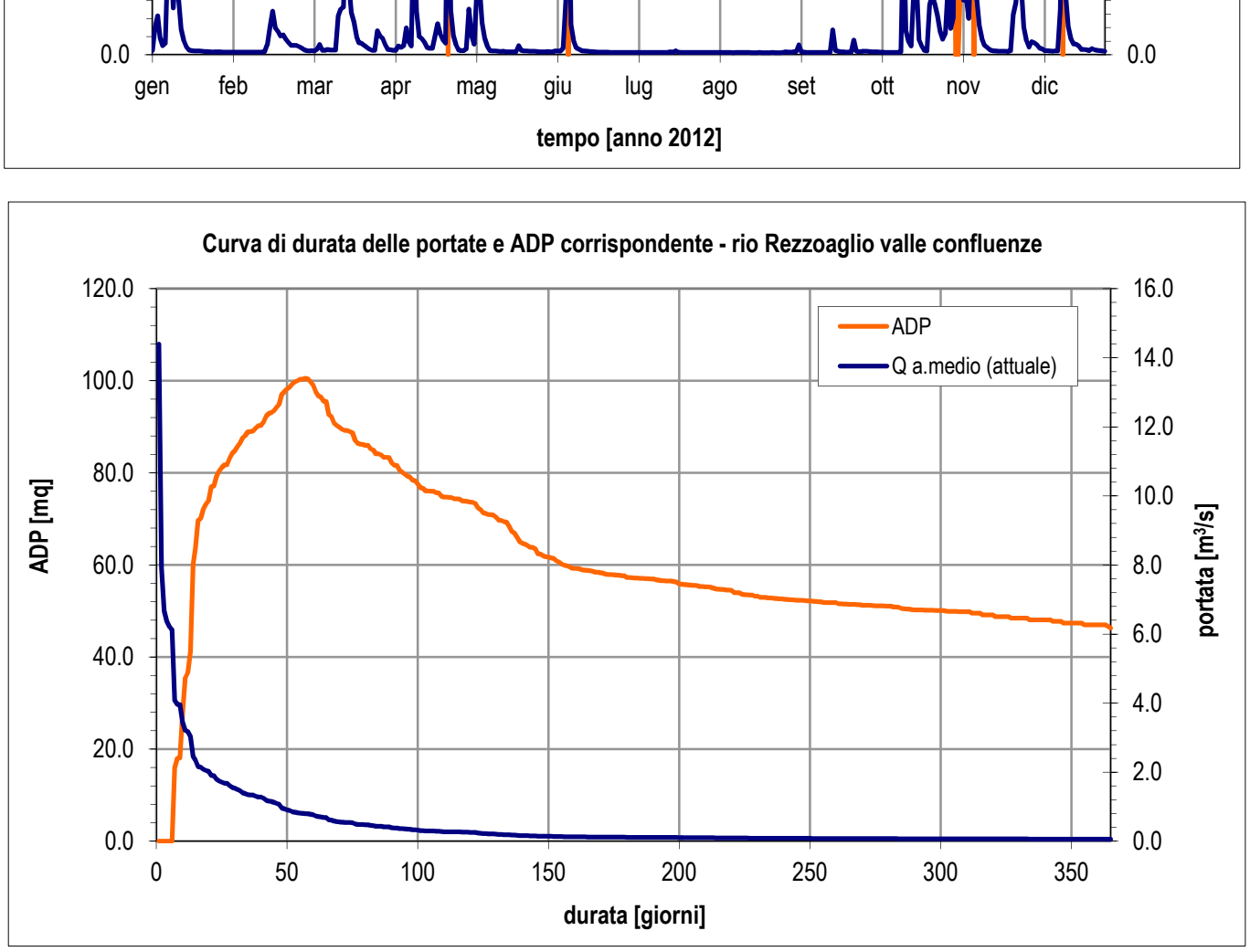


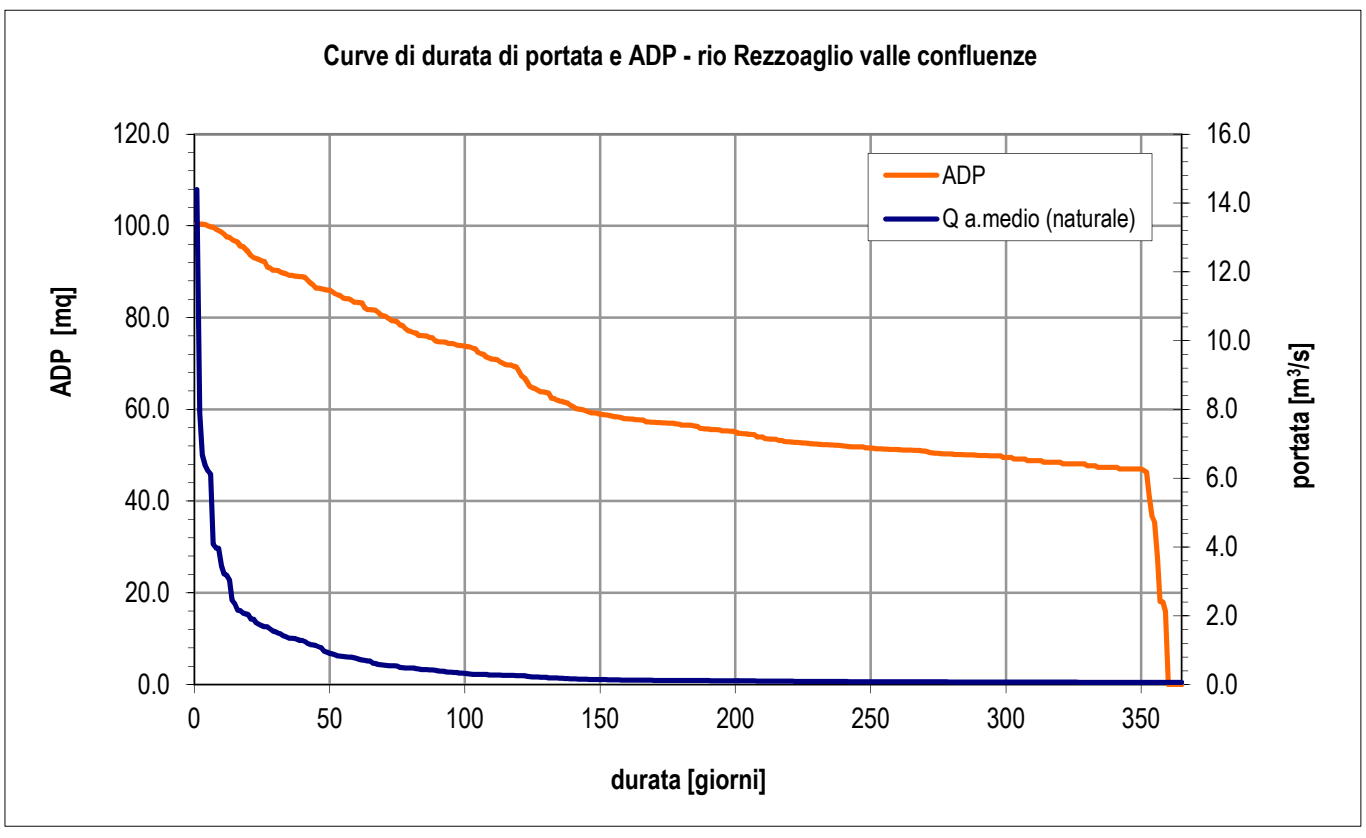

Idrogrammi portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
120.0
100.0
80.0
60.0
40.0
20.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
ADP (vairone adulto)
Q a. medio (naturale)
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

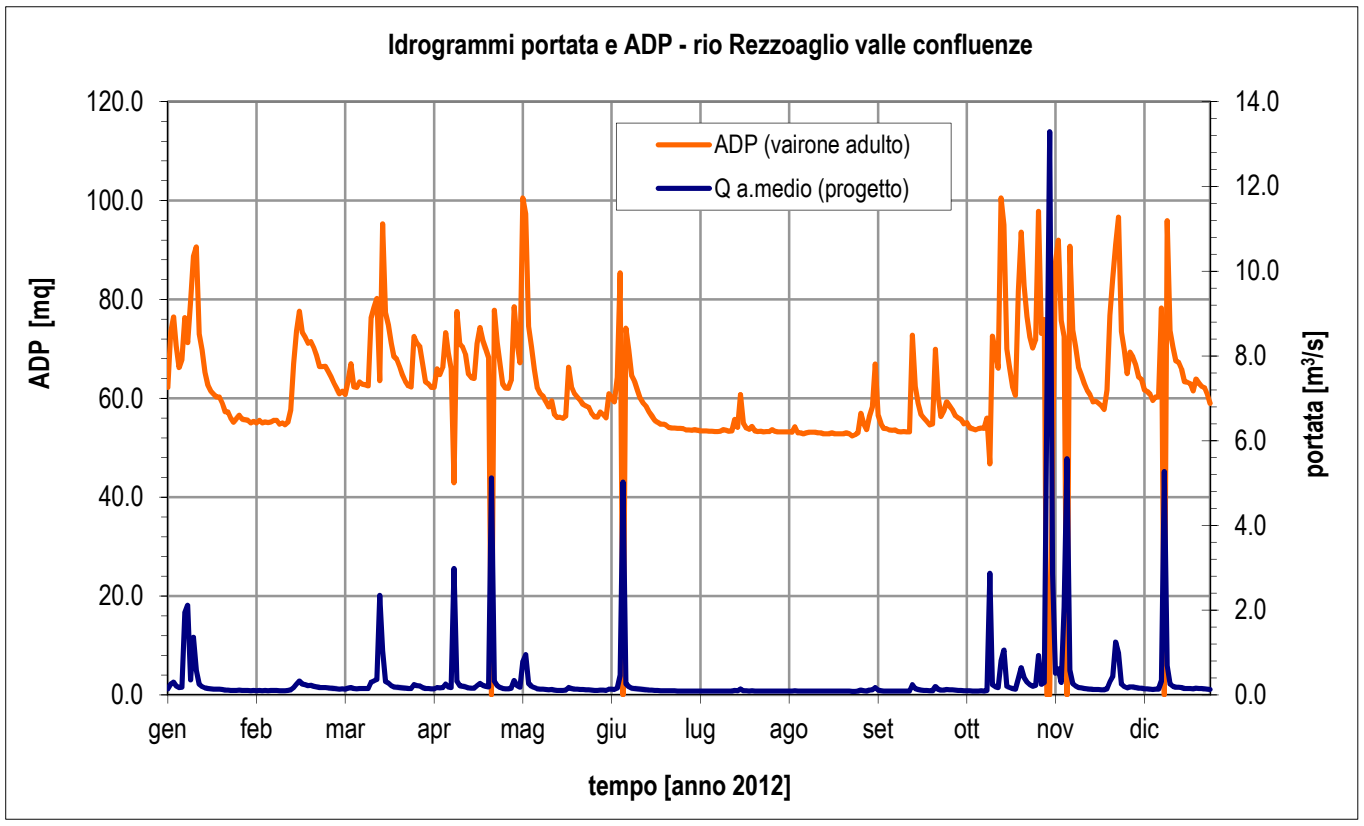

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
120.0
100.0
80.0
60.0
40.0
20.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
ADP
Q a.medio (naturale)
0
50
100
150
200
250
300
350
durata [giorni]

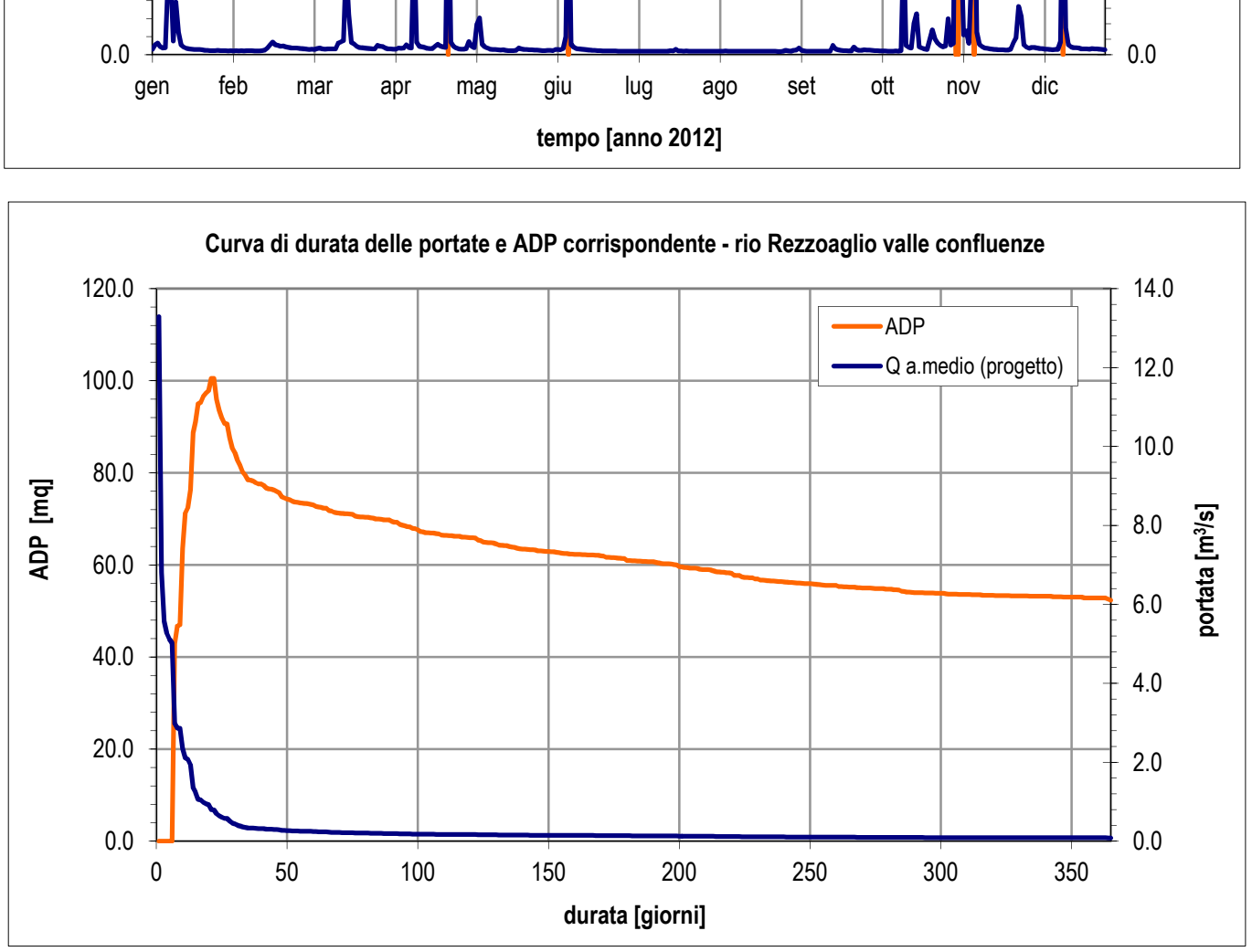

Curve di durata di portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
120.0
100.0
80.0
60.0
40.0
20.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
ADP
Q a.medio (naturale)
0
50
100
150
200
250
300
350
durata [giorni]

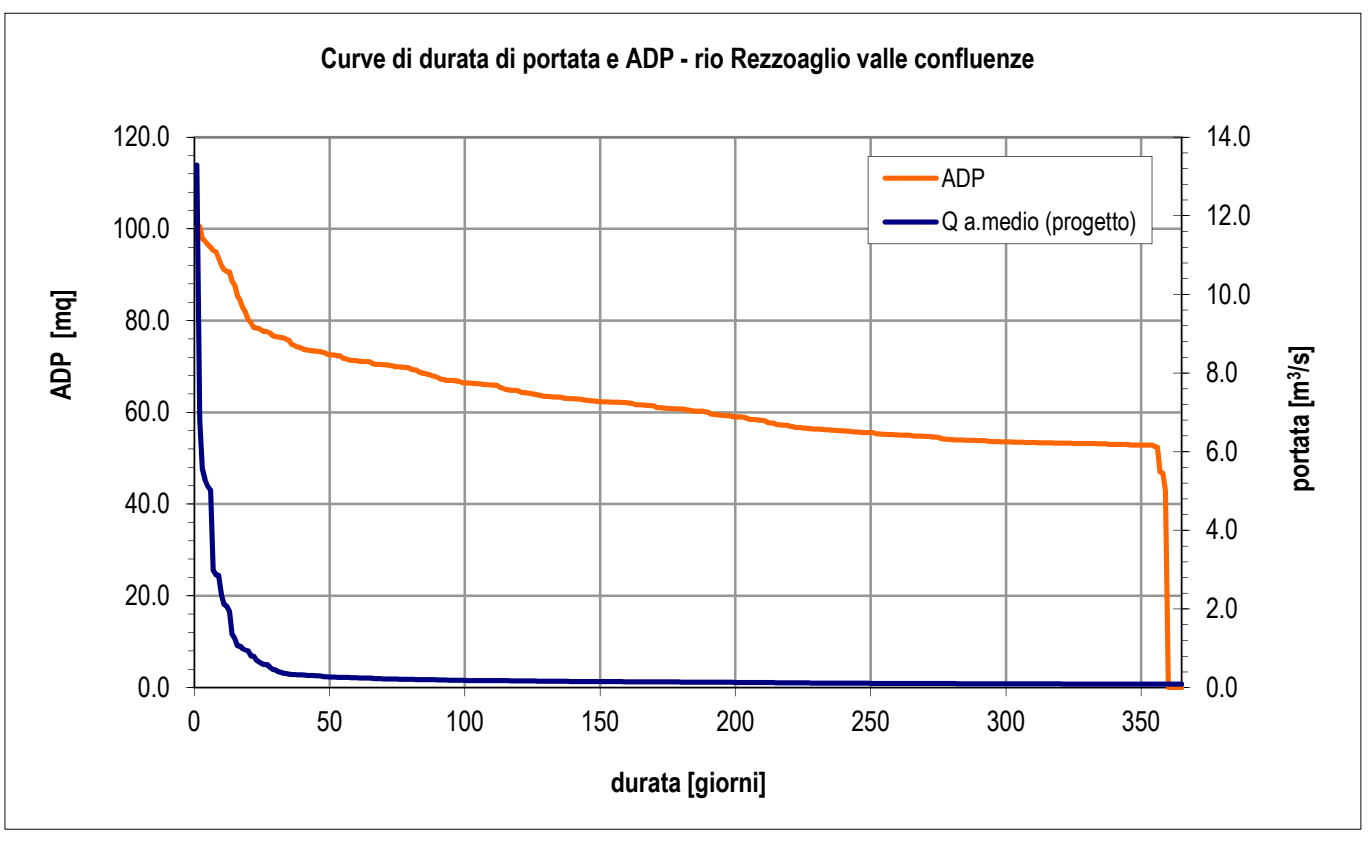

Idrogrammi portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP (vairone adulto)
Q a.medio (attuale)
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

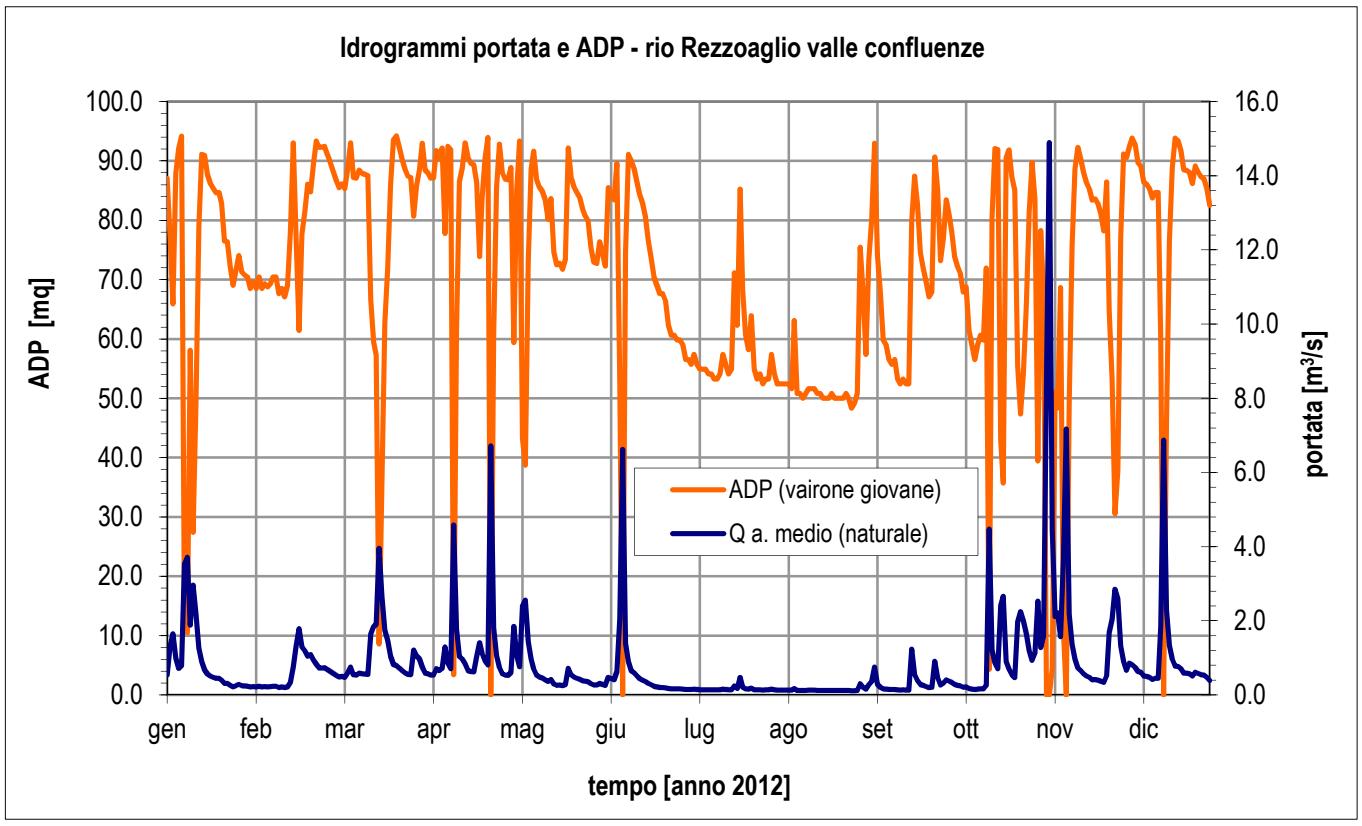

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
durata [giorni]

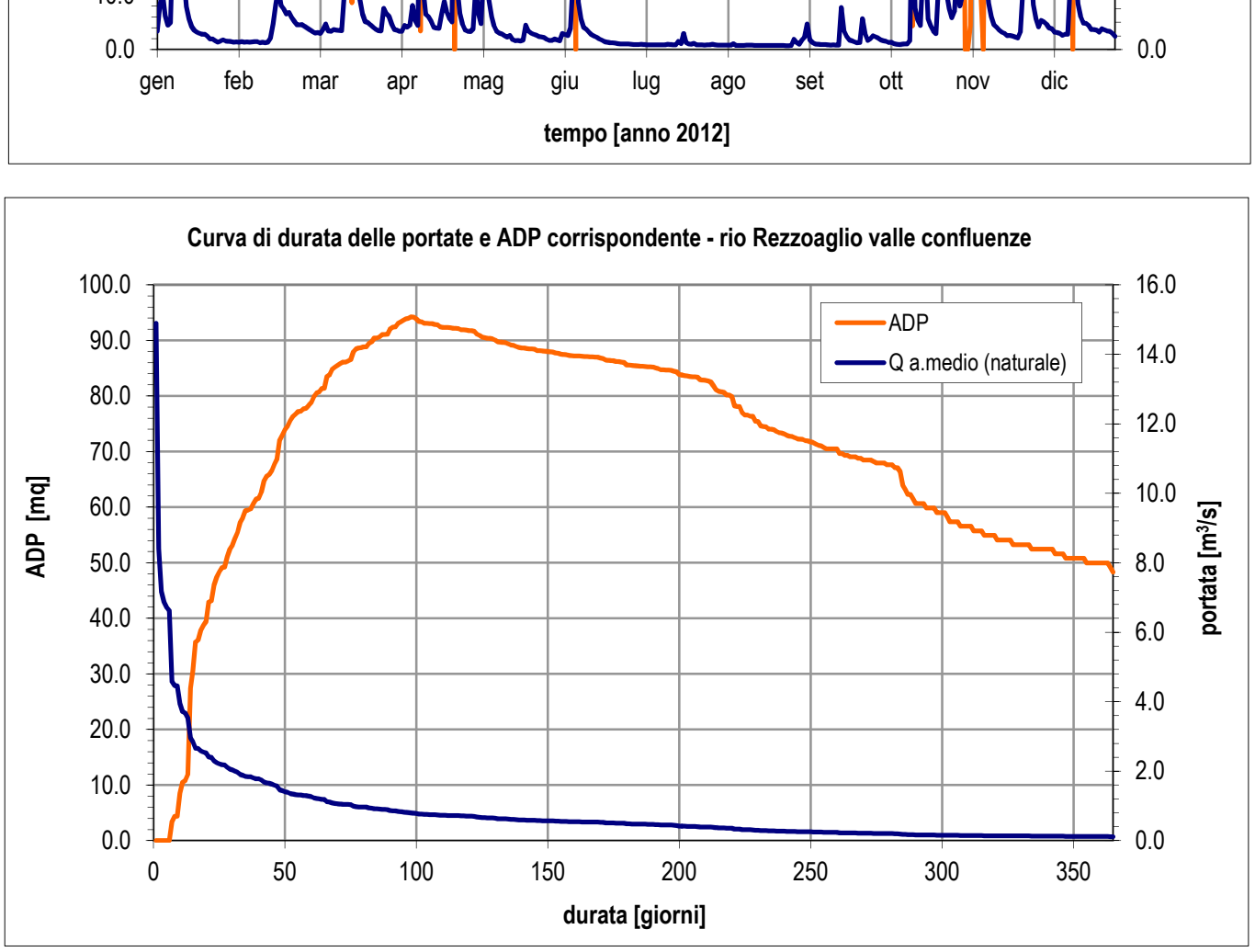

Curve di durata di portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
durata [giorni]

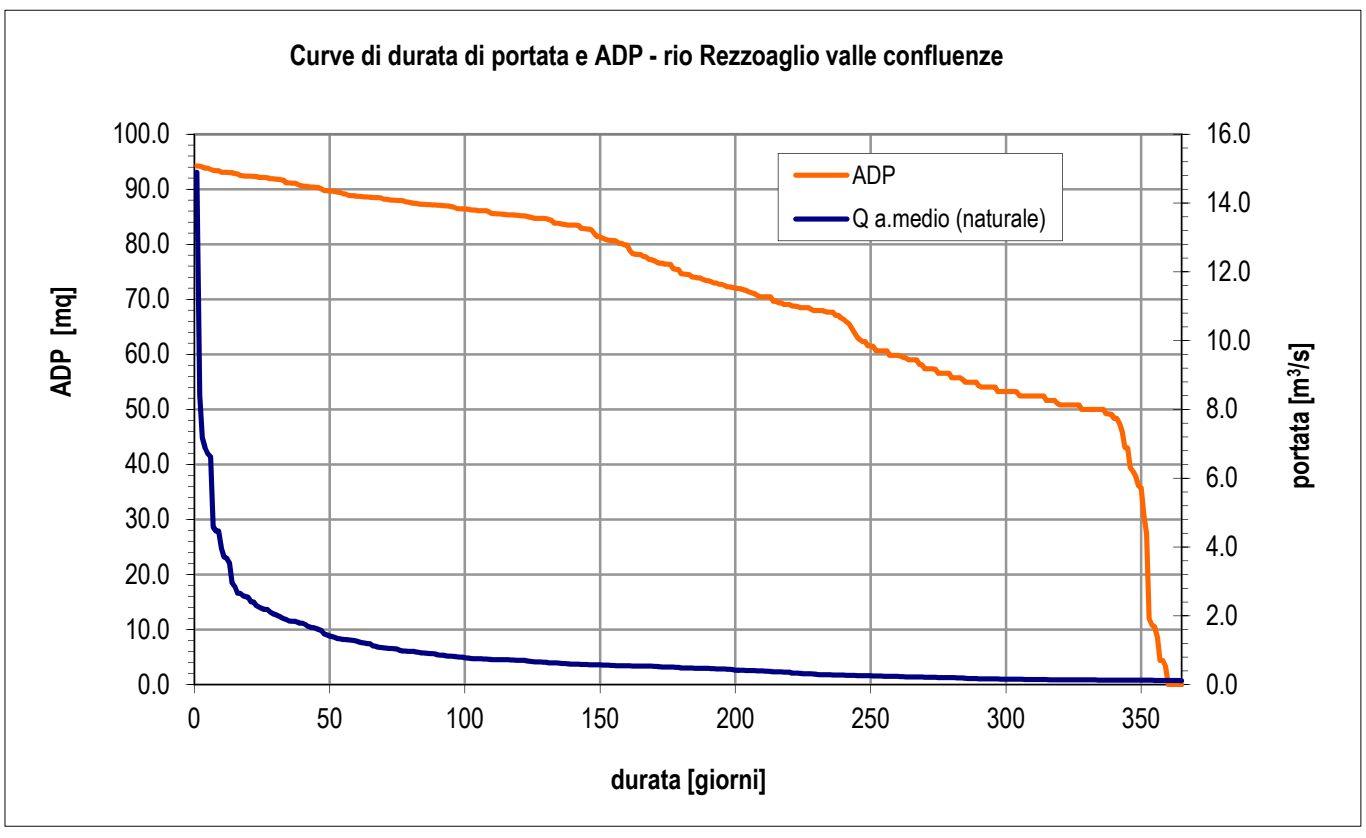

Idrogrammi portata e ADP - rio Rezzoaglio valle confluenze
ADP (vairone adulto)
Q a.medio (progetto)
ADP [mq]
portata [m³/s]
120.0
100.0
80.0
60.0
40.0
20.0
0.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

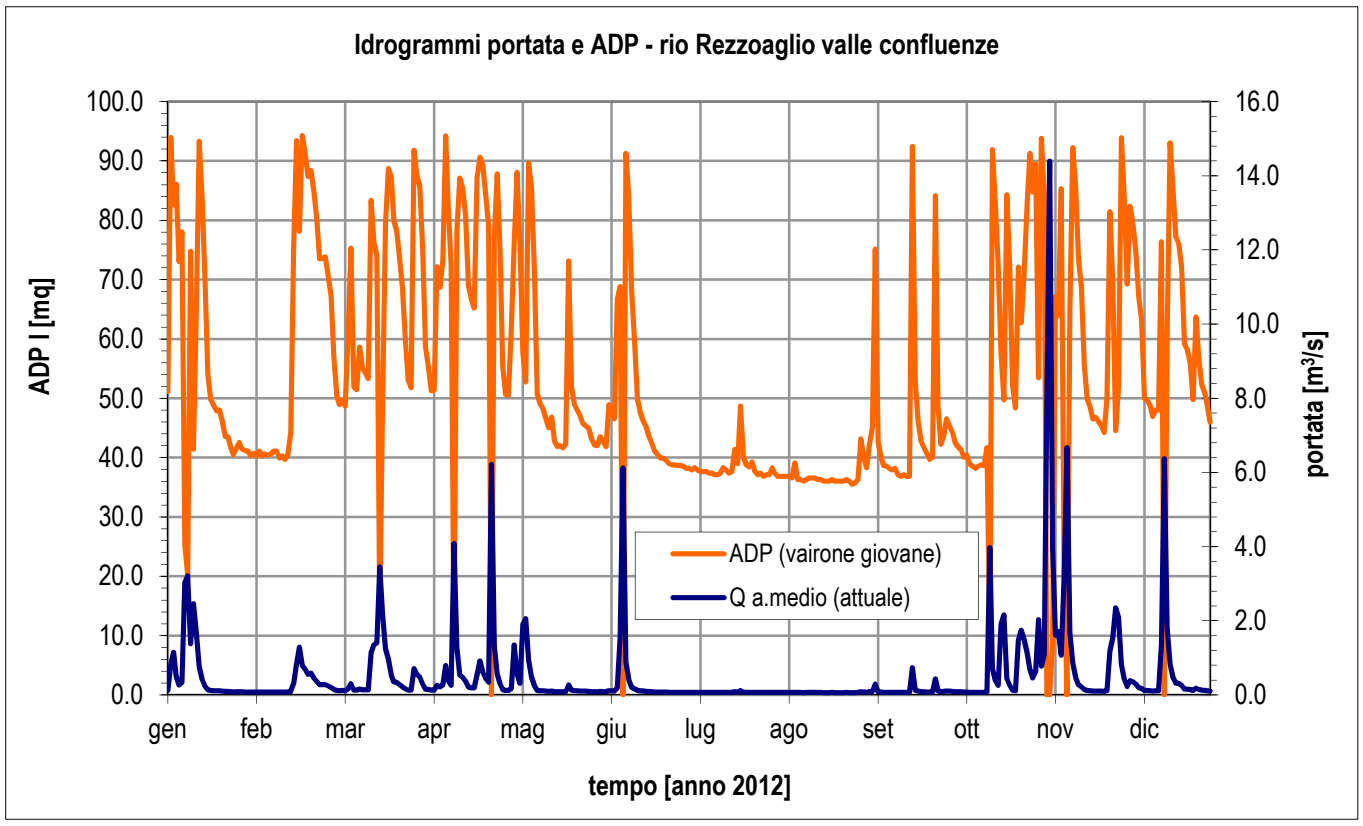

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio valle confluenze
ADP
Q a.medio (progetto)
ADP [mq]
portata [m³/s]
120.0
100.0
80.0
60.0
40.0
20.0
0.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

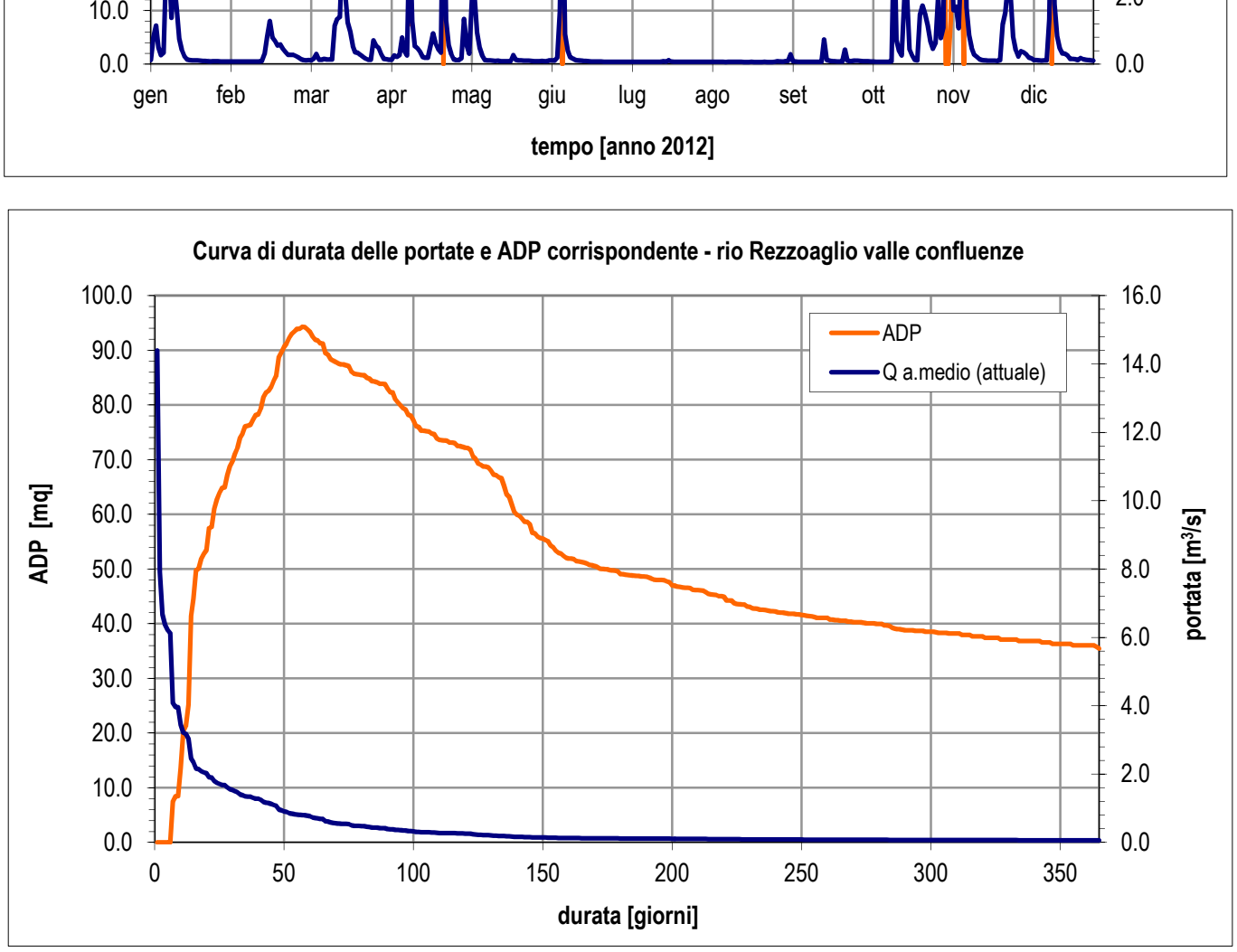

Curve di durata di portata e ADP - rio Rezzoaglio valle confluenze
ADP
Q a.medio (progetto)
ADP [mq]
portata [m³/s]
120.0
100.0
80.0
60.0
40.0
20.0
0.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

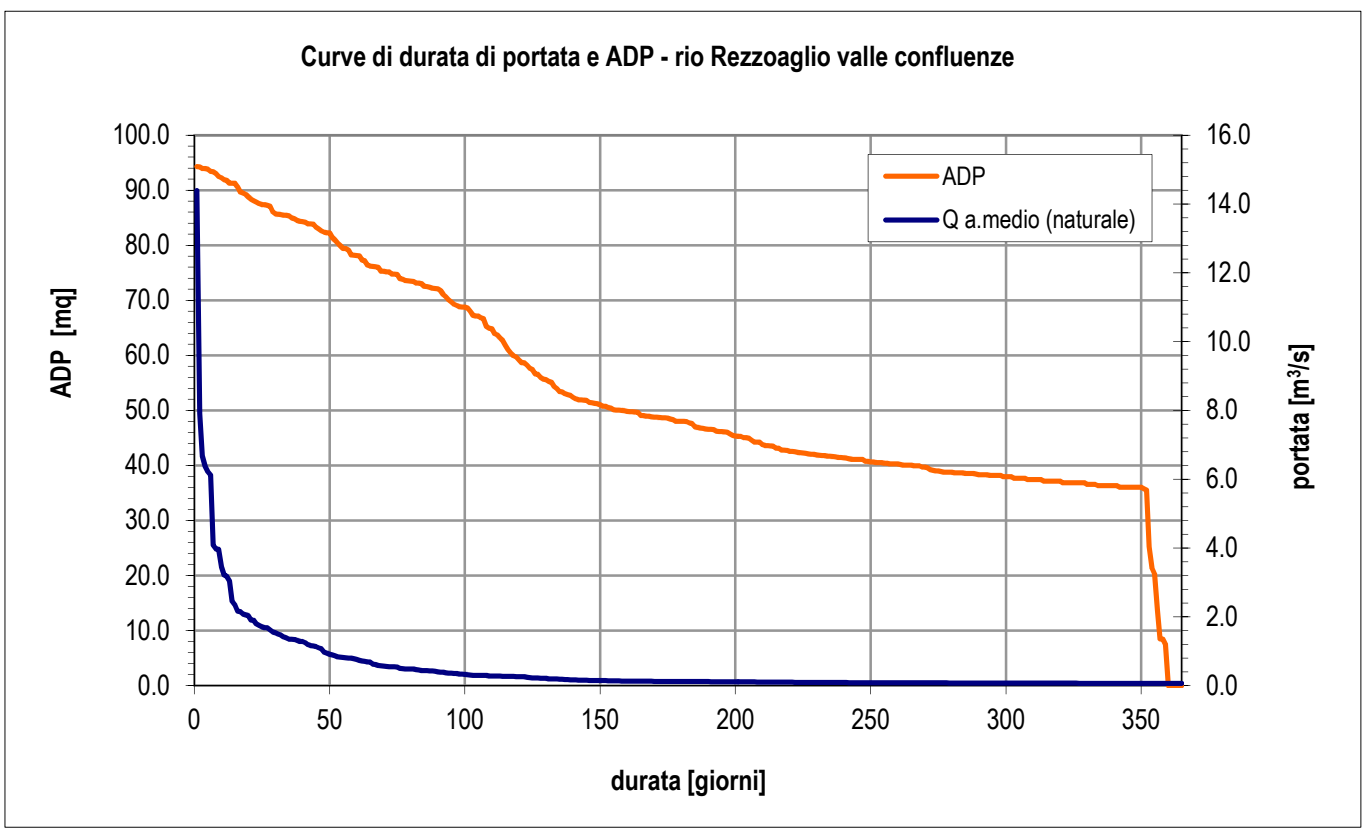

Idrogrammi portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
tempo [anno 2012]
ADP (vairone giovane)
Q a. medio (naturale)
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic

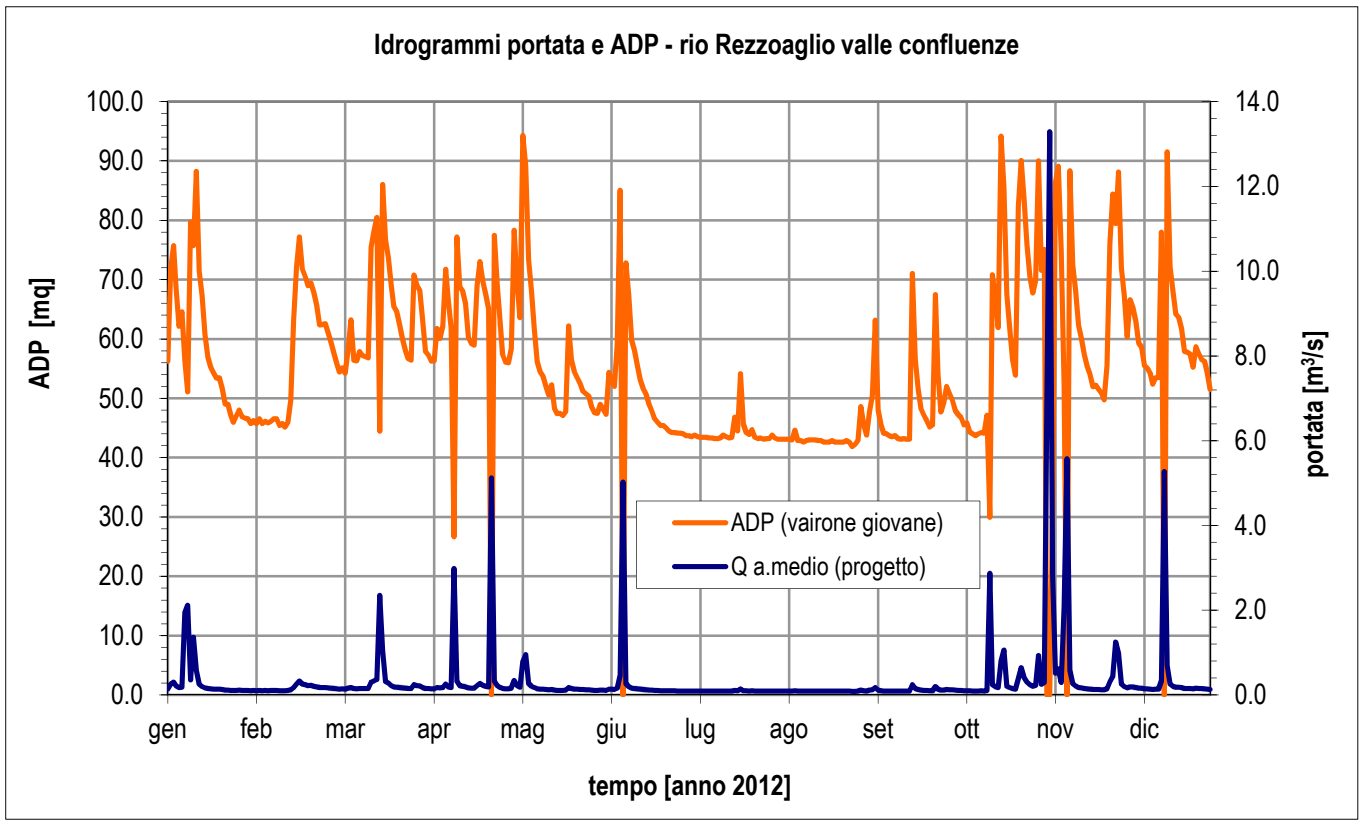

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
durata [giorni]
ADP
Q a.medio (naturale)
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350

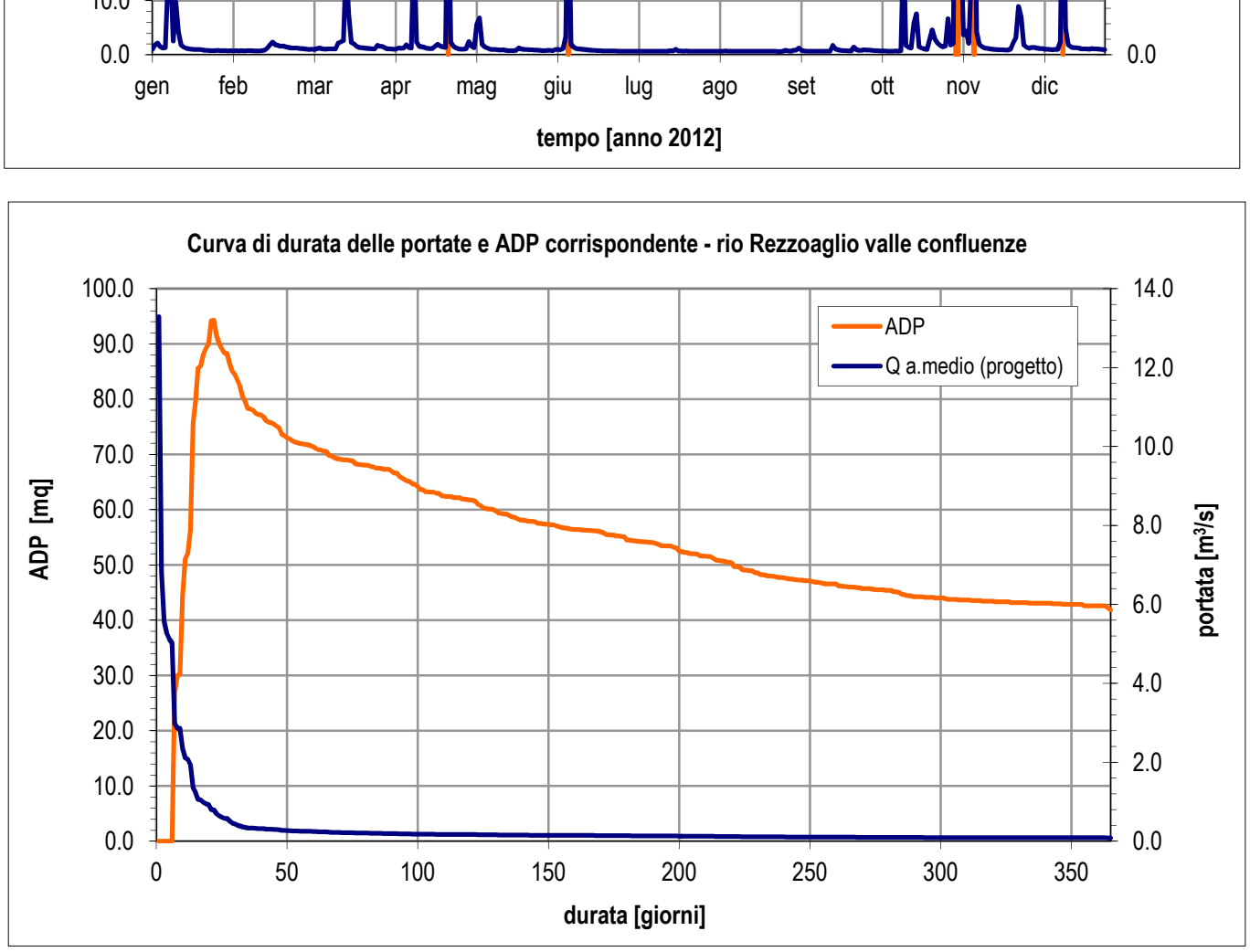

Curve di durata di portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
durata [giorni]
ADP
Q a.medio (naturale)
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
200
250
300
350

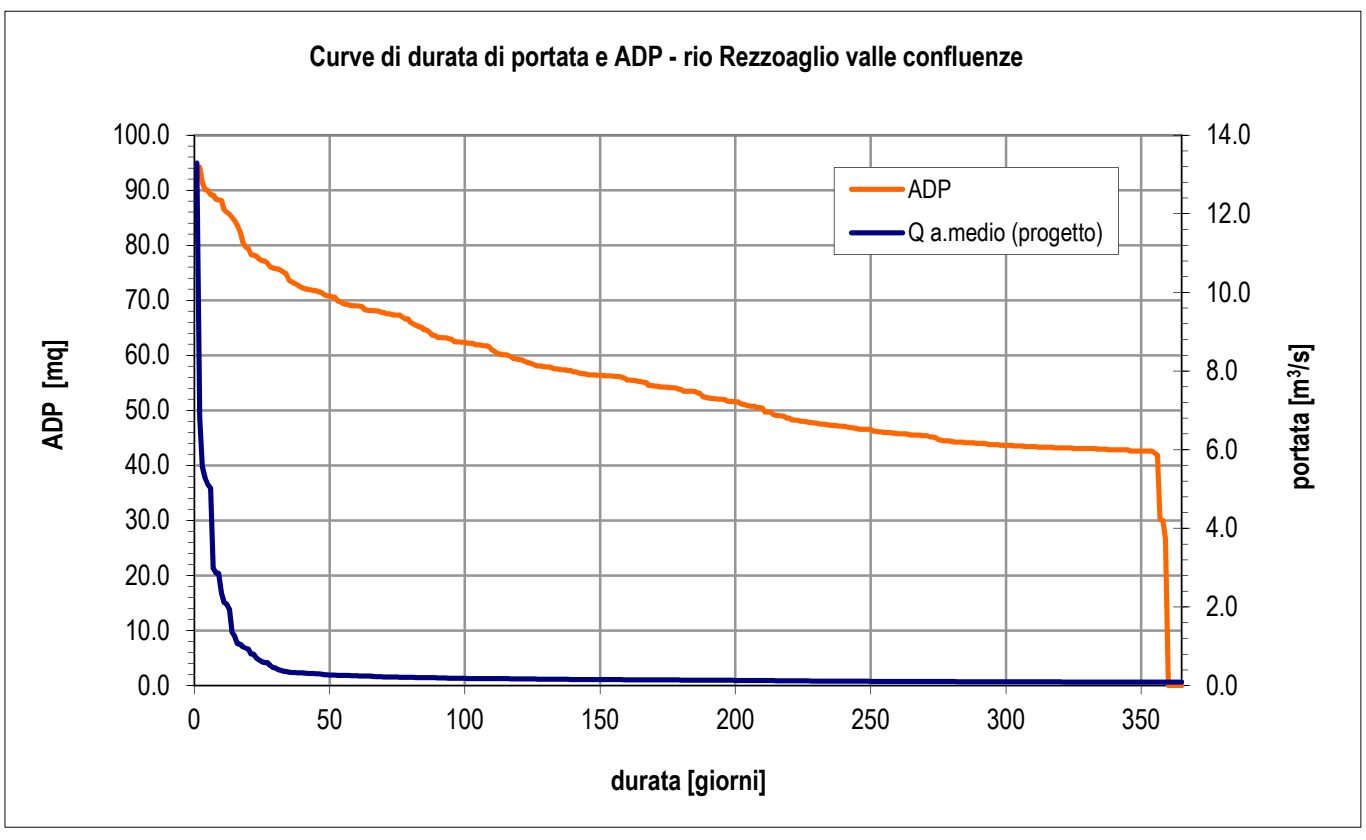

Idrogrammi portata e ADP - rio Rezzoaglio valle confluenze
ADP l [mq]
portata [m³/s]
tempo [anno 2012]
ADP (vairone giovane)
Q a.medio (attuale)
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic


Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
durata [giorni]
ADP
Q a.medio (attuale)

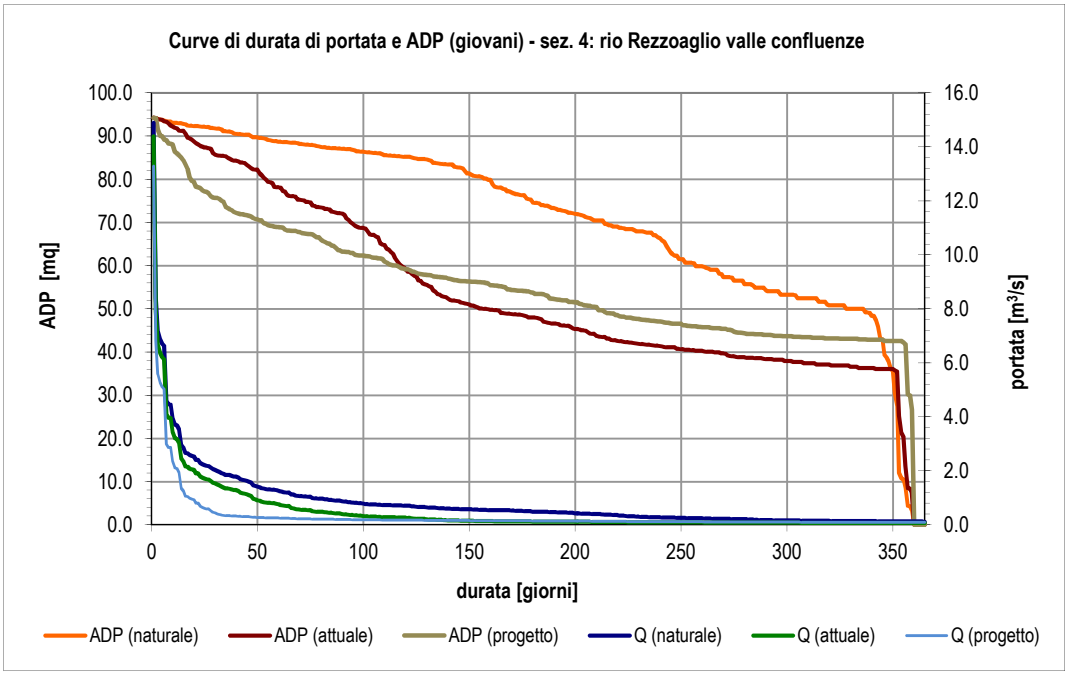

Curve di durata di portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
durata [giorni]
ADP
Q a.medio (naturale)

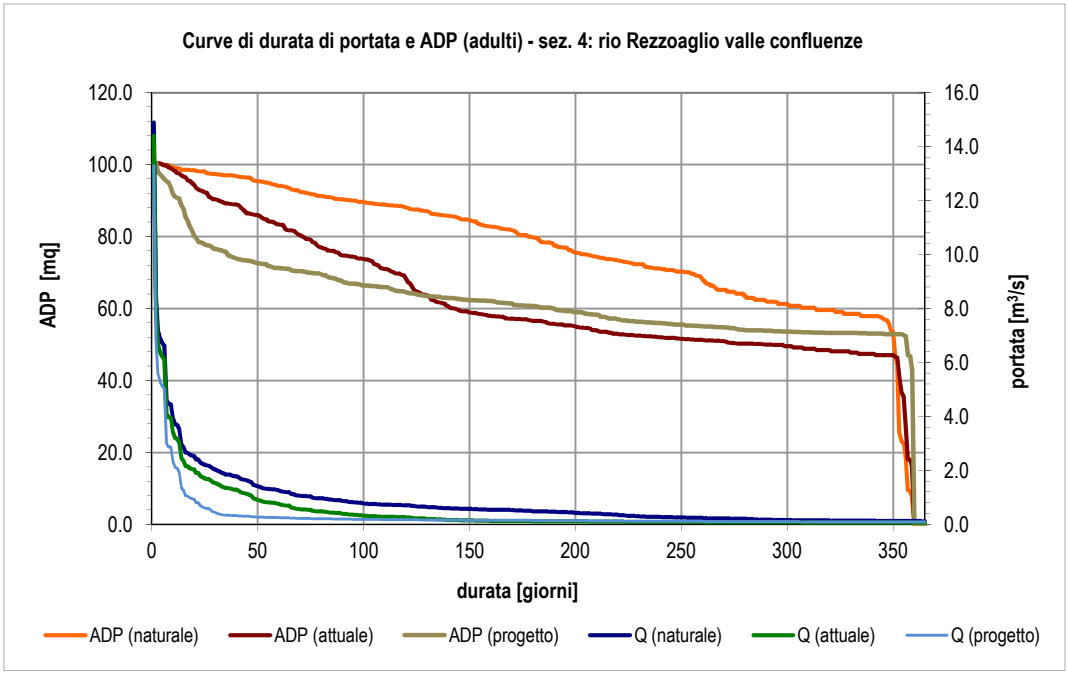

Idrogrammi portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
ADP (vairone giovane)
Q a.medio (progetto)
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]


Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
ADP
Q a.medio (progetto)
0
50
100
150
200
250
300
350
durata [giorni]


Curve di durata di portata e ADP - rio Rezzoaglio valle confluenze
ADP [mq]
portata [m³/s]
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
ADP
Q a.medio (progetto)
0
50
100
150
200
250
300
350
durata [giorni]

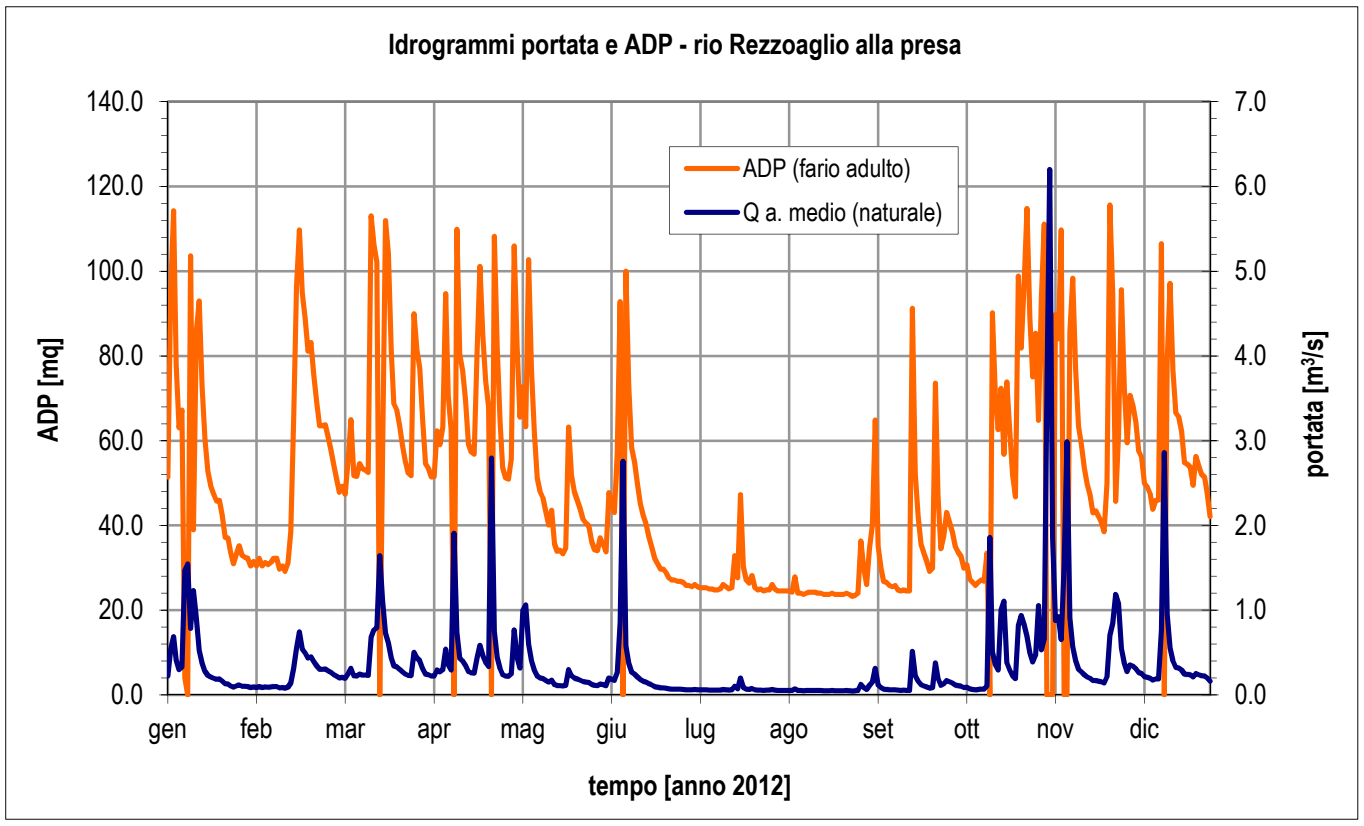
Confronto tra curve di durata Q e ADP (Vairone) per il sito di monitoraggio (S4 - Rezzoaglio)

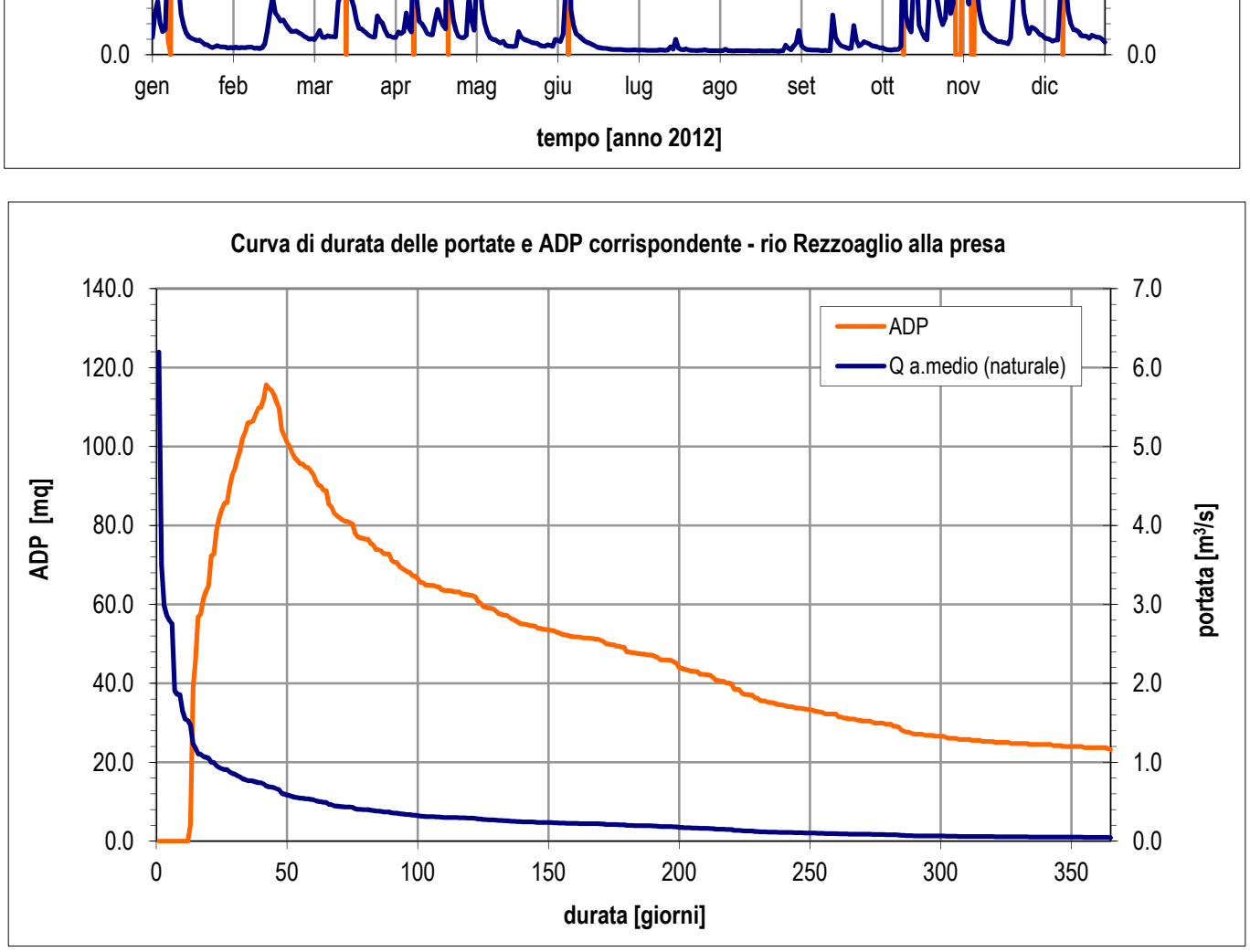


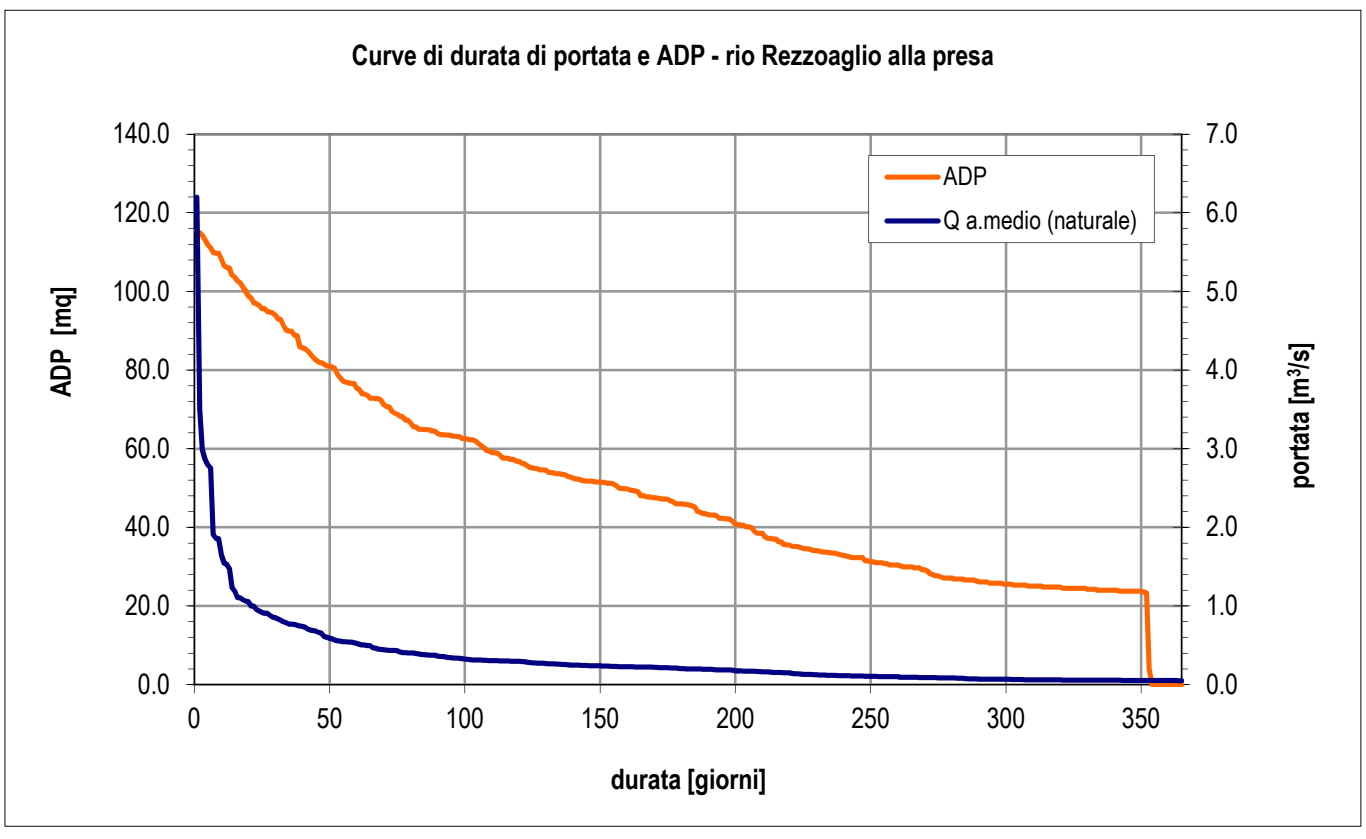


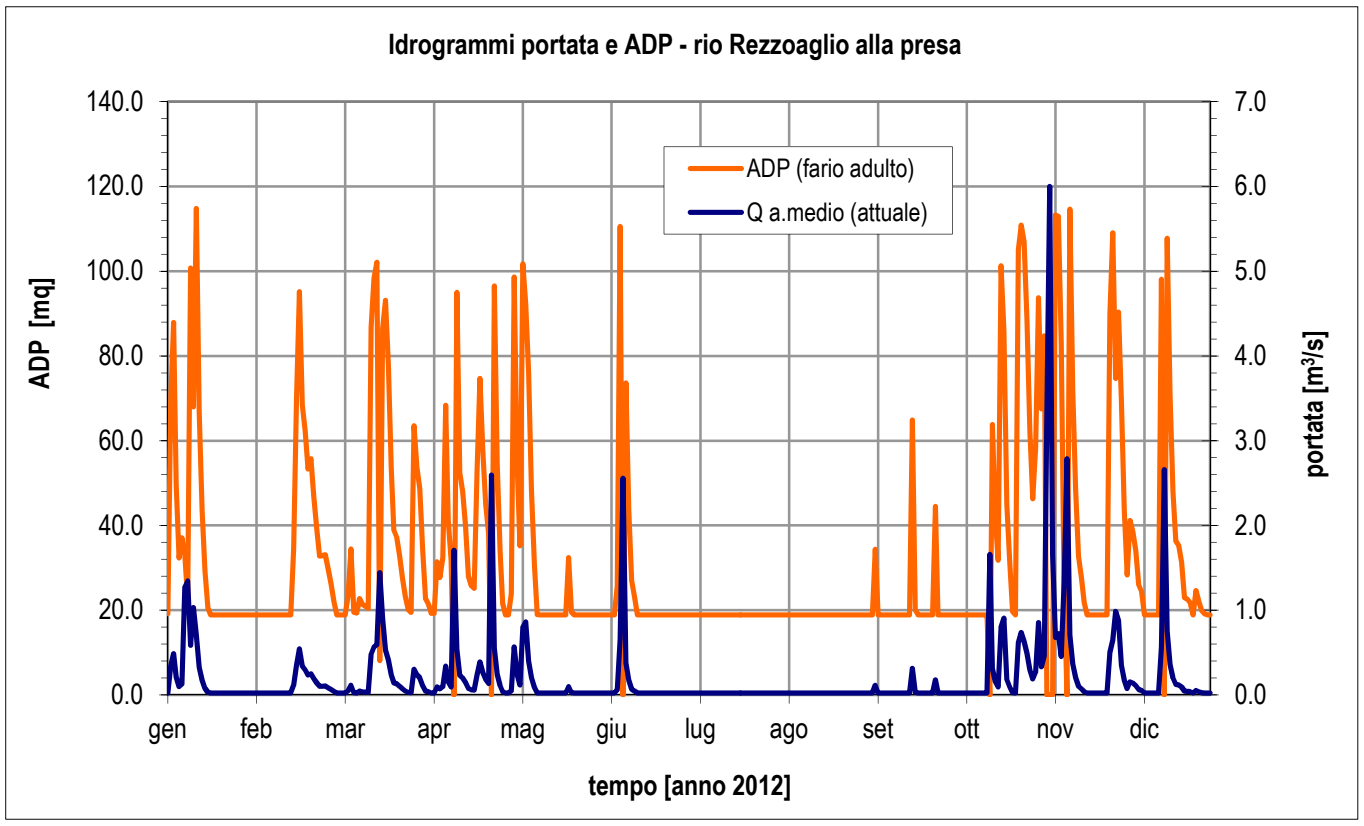
ALLEGATO 2 – Andamenti giornalieri e curve di durata delle ADP (Aree Disponibili Ponderate – m^2) negli scenari naturale, attuale e di progetto.

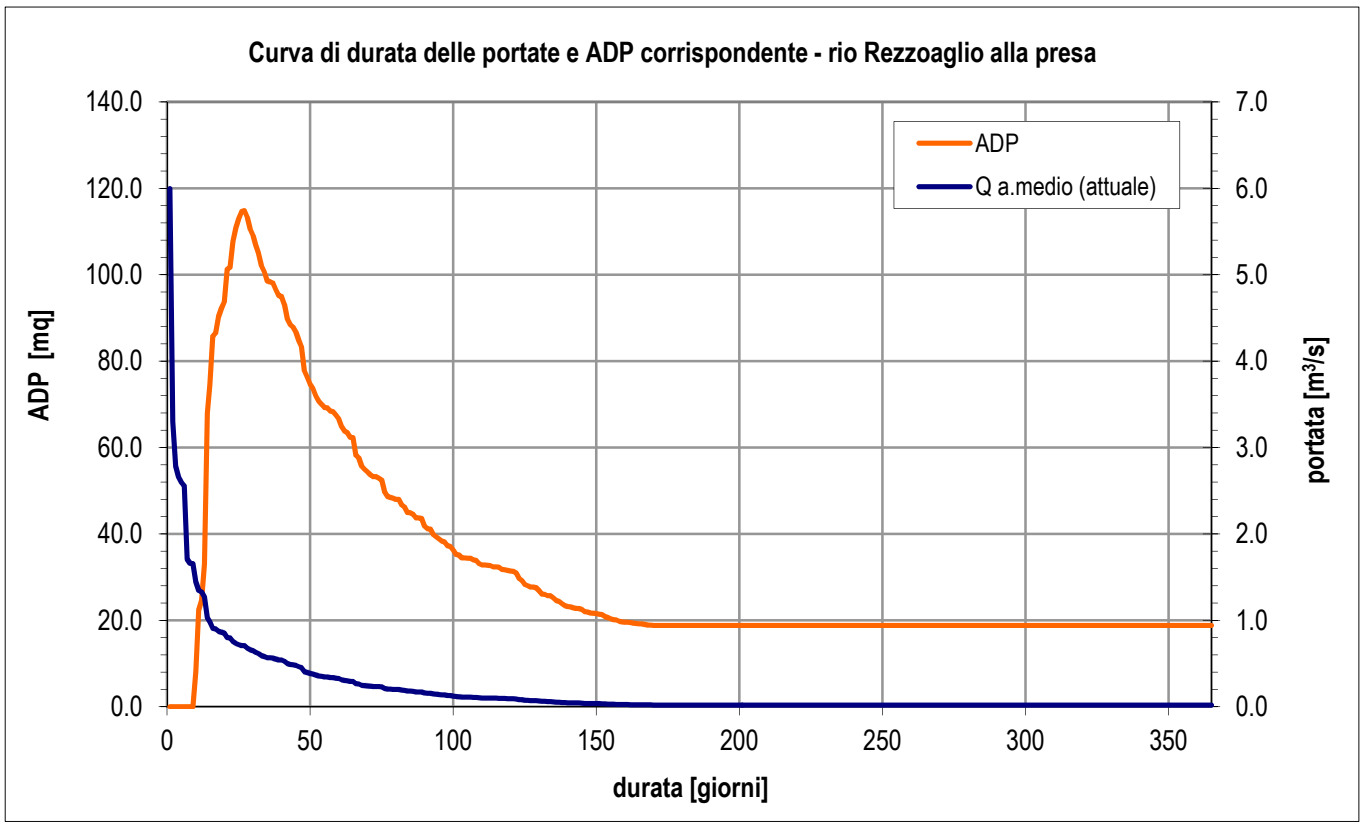
2.4 Rezzoaglio 08

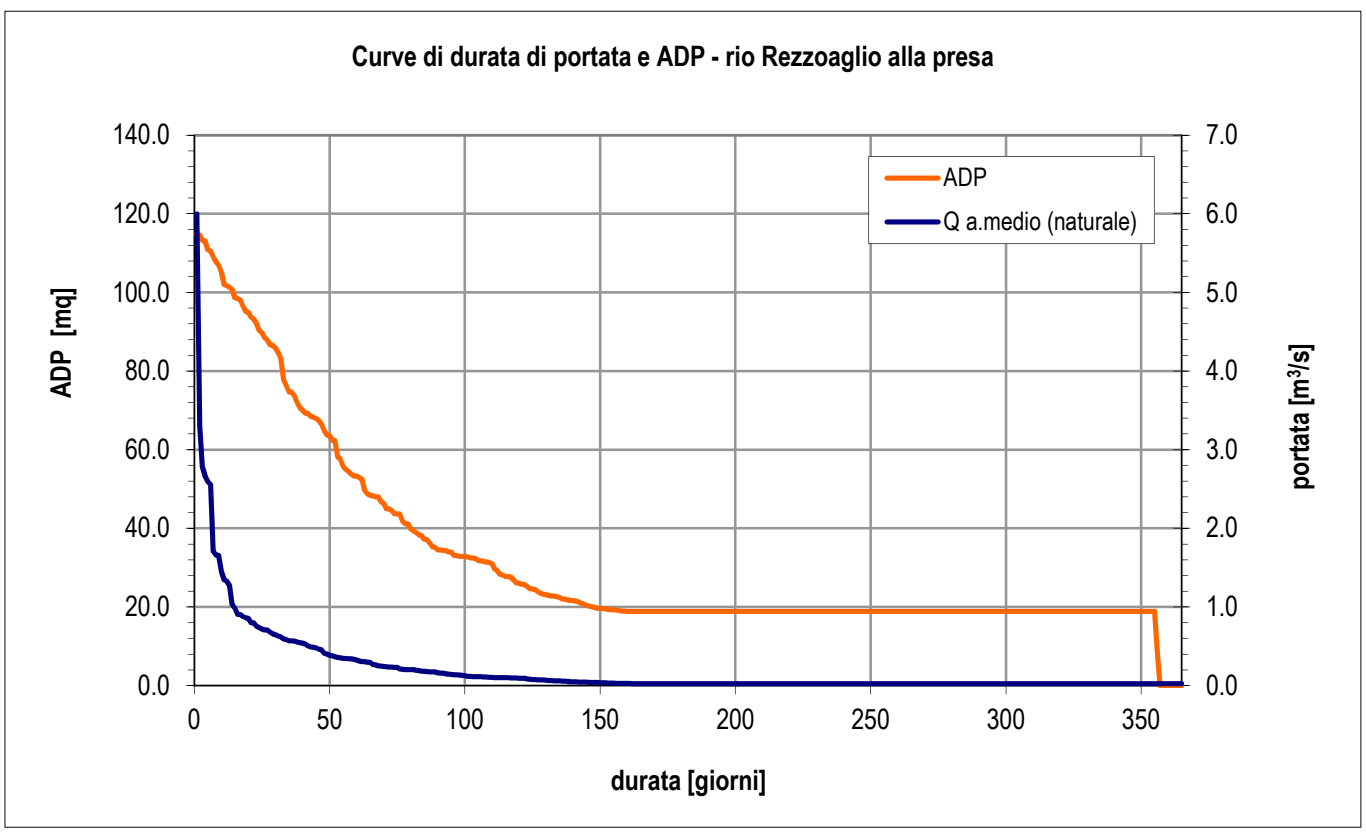

Idrogrammi portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP (fario adulto)
Q a. medio (naturale)
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

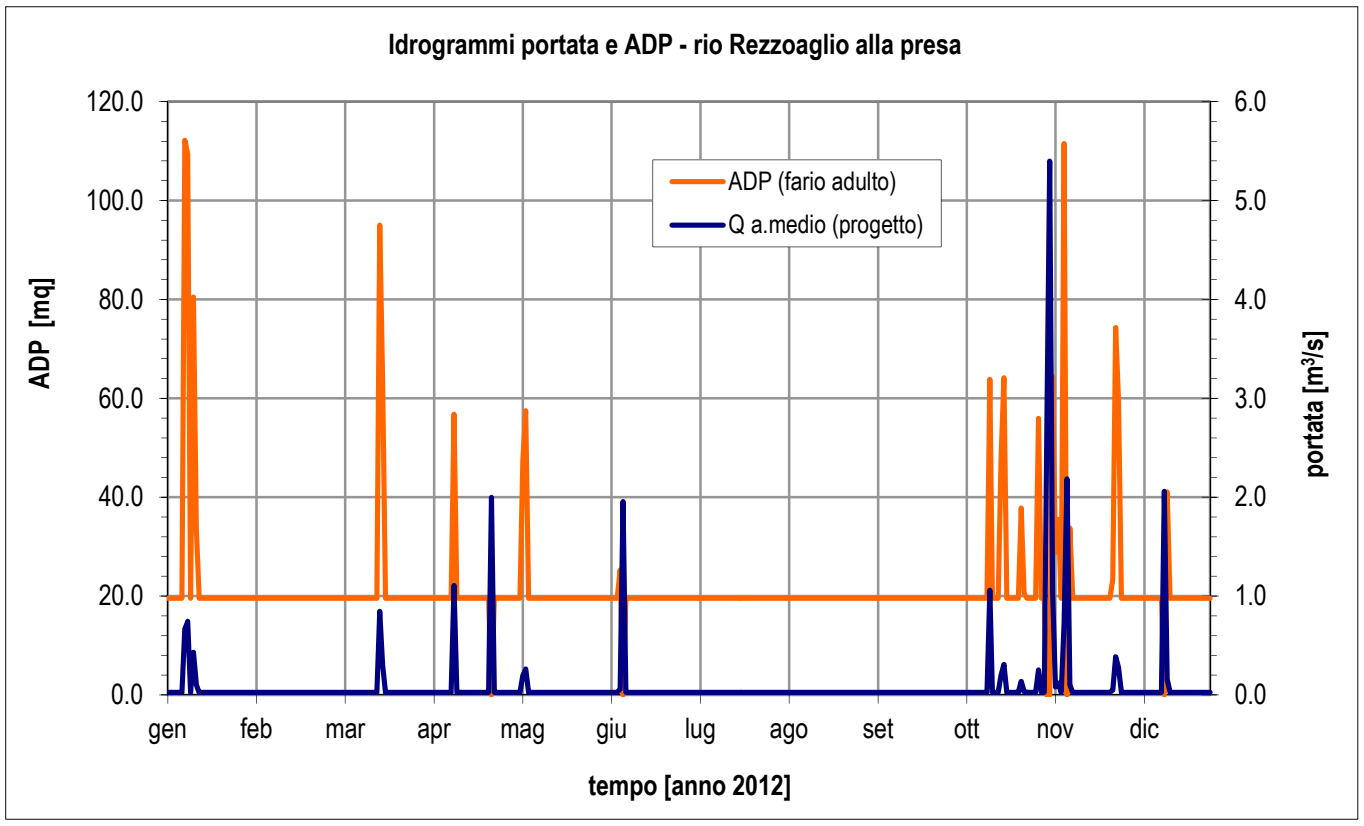

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

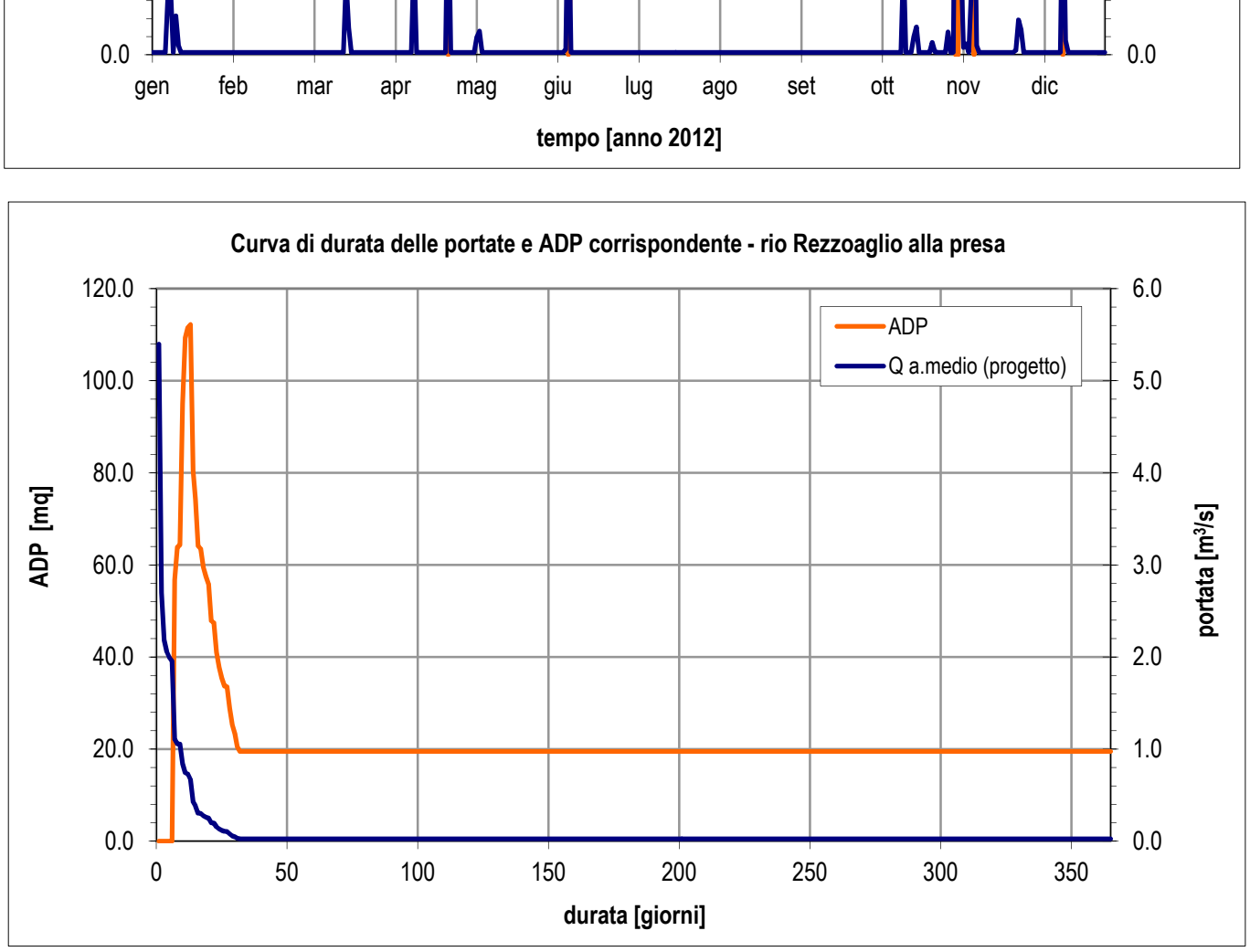

Curve di durata di portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

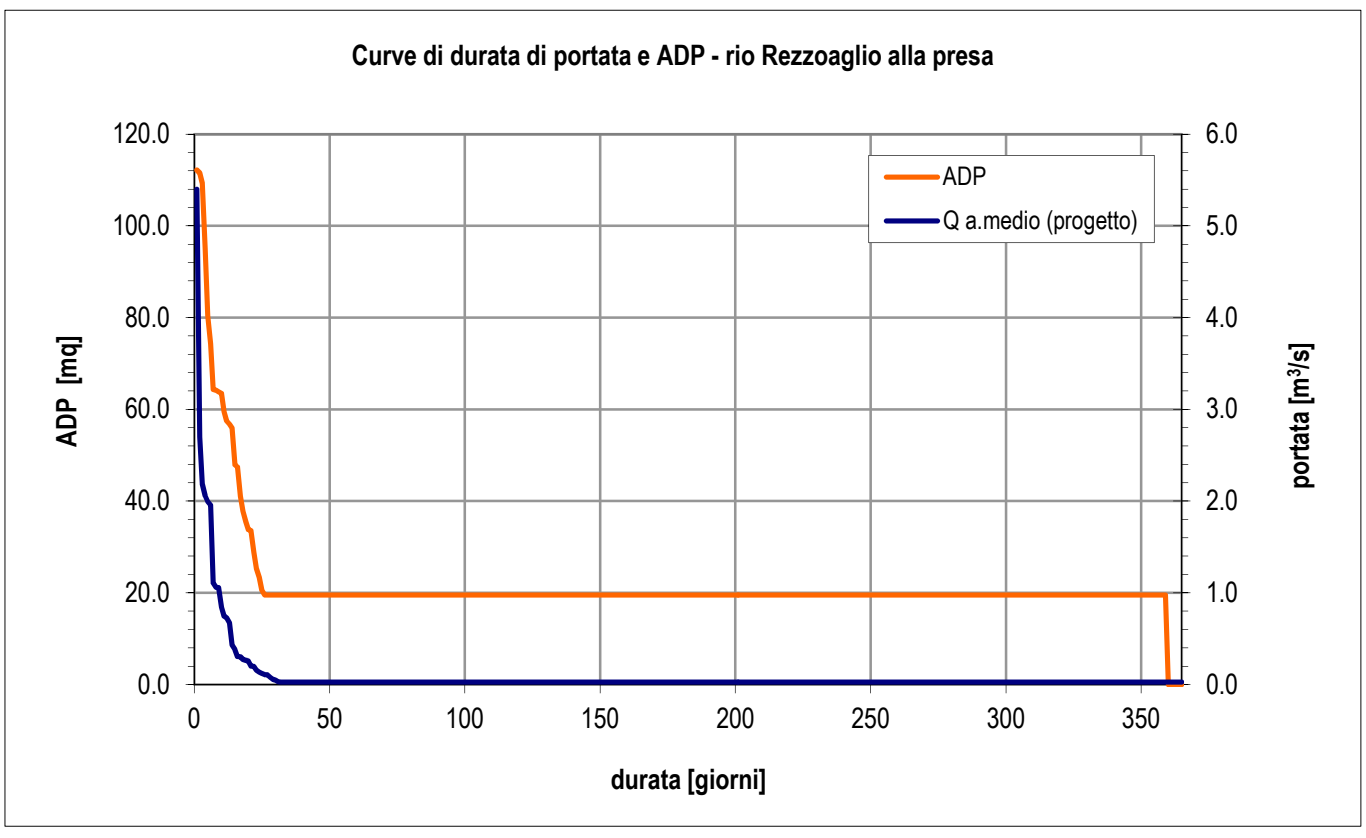

Idrogrammi portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP (fario adulto)
Q a.medio (attuale)
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

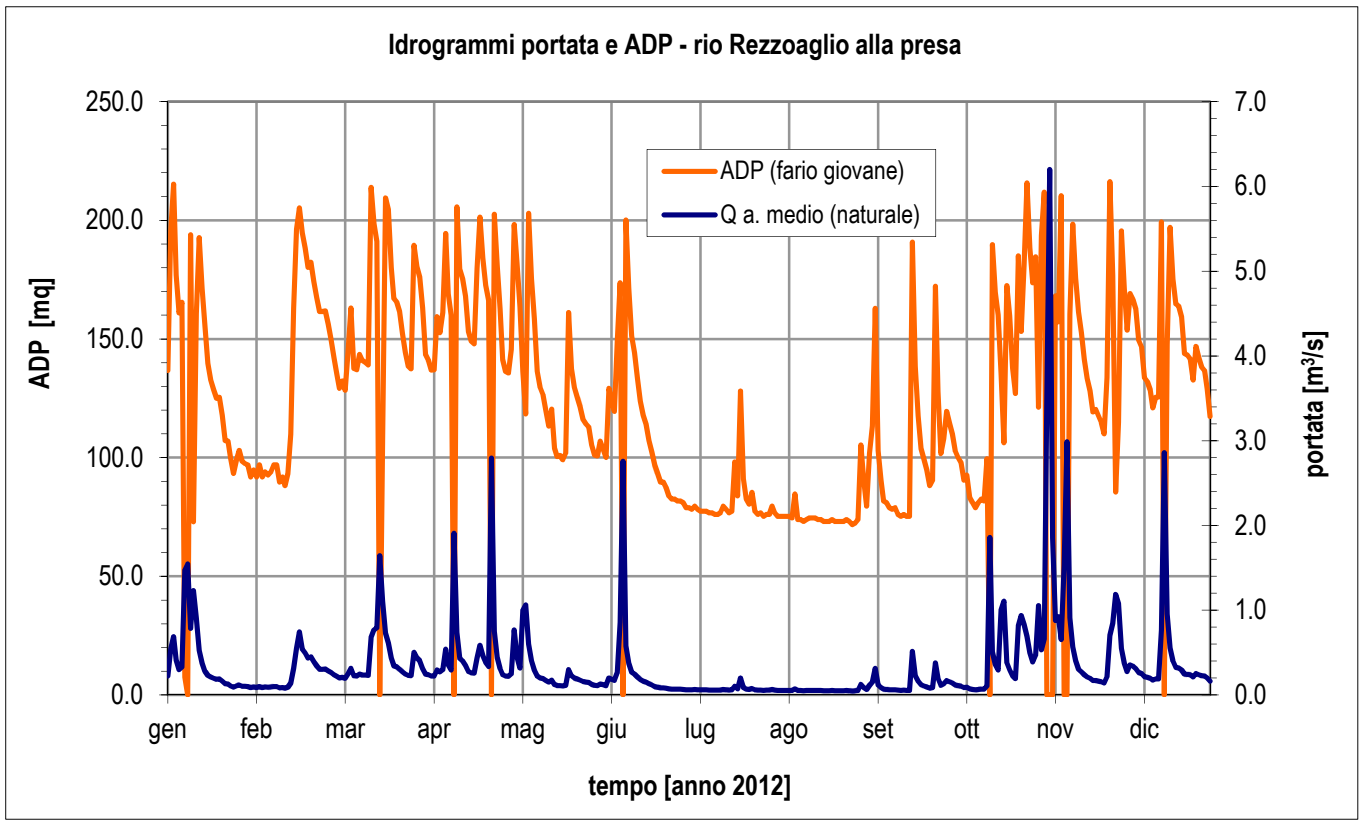

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

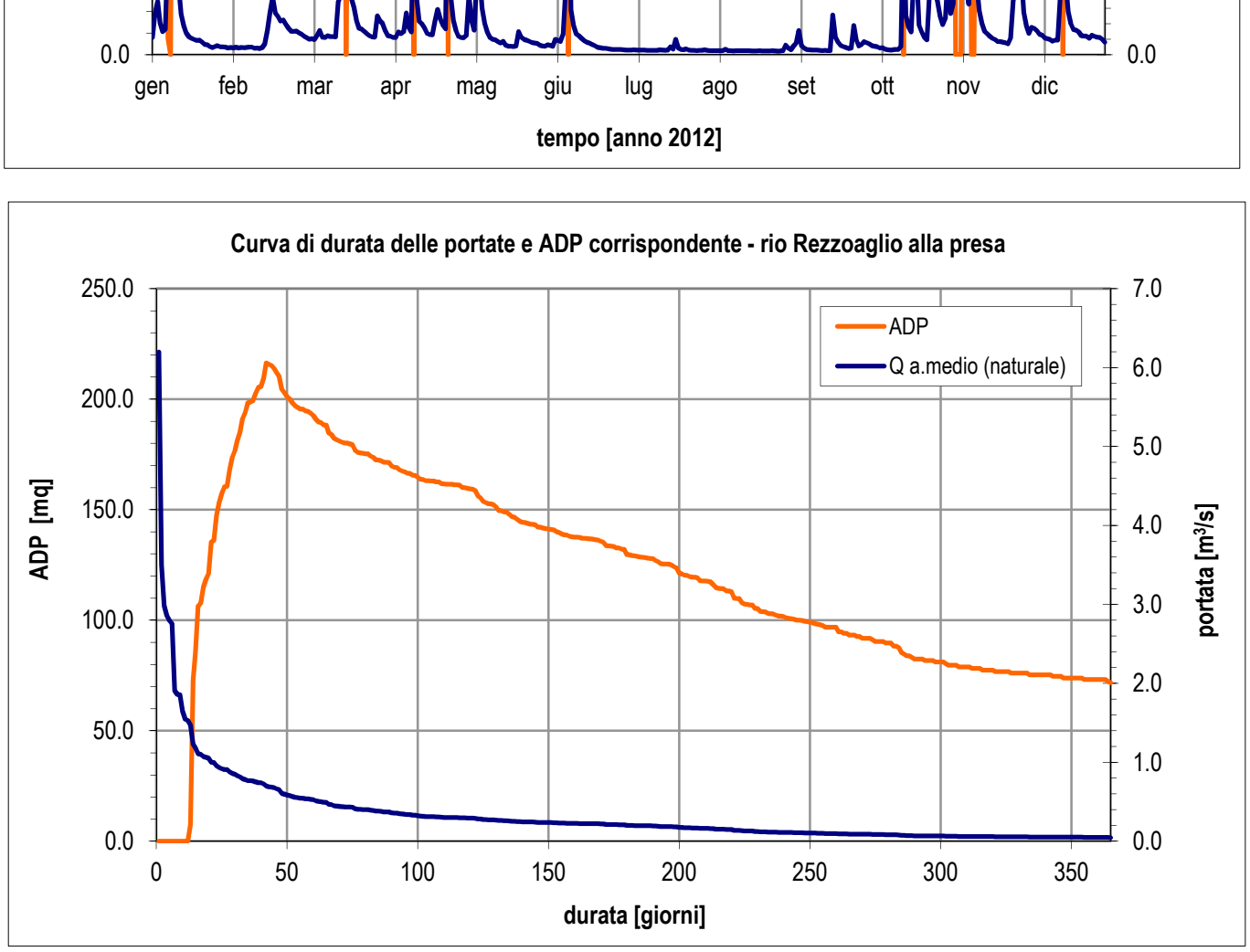

Curve di durata di portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

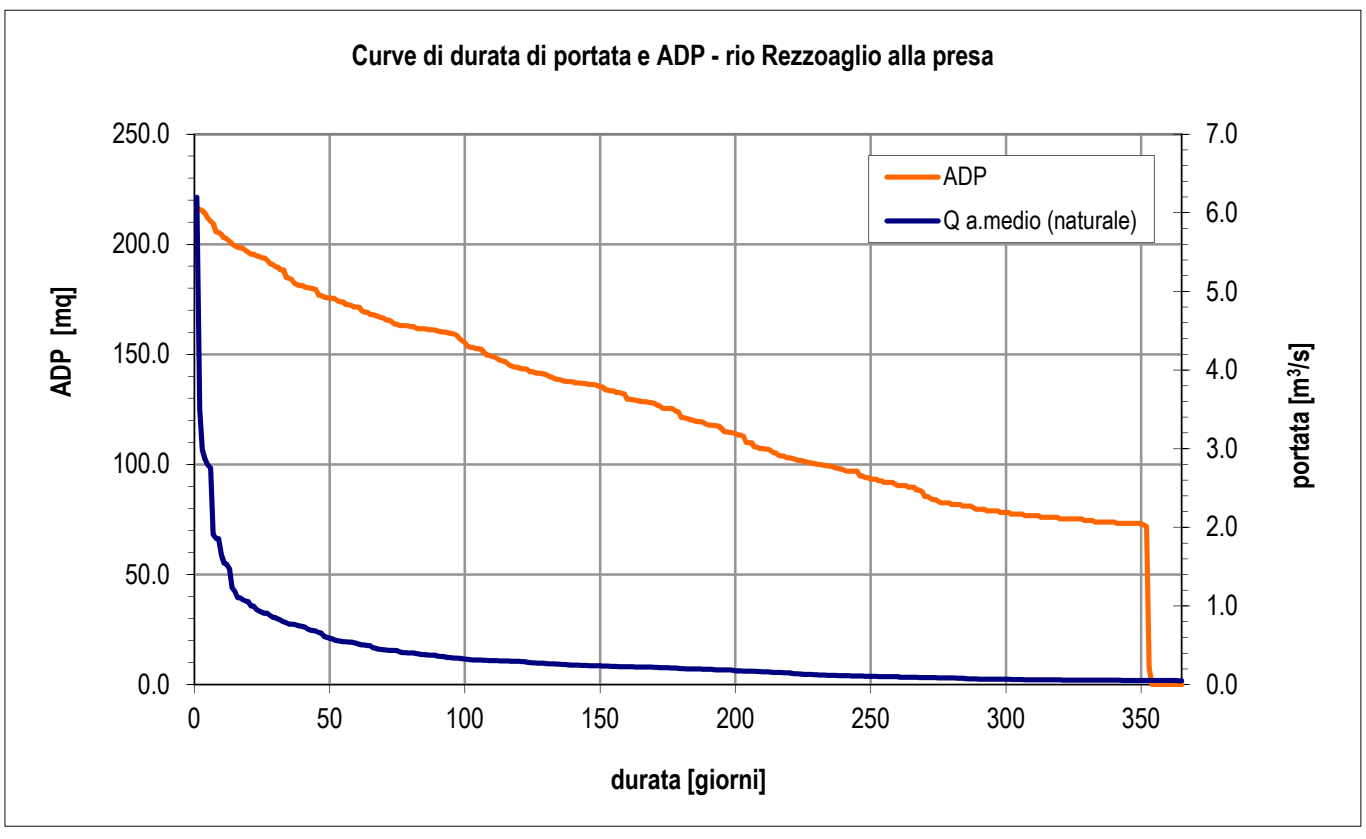

Idrogrammi portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP (fario adulto)
Q a.medio (progetto)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

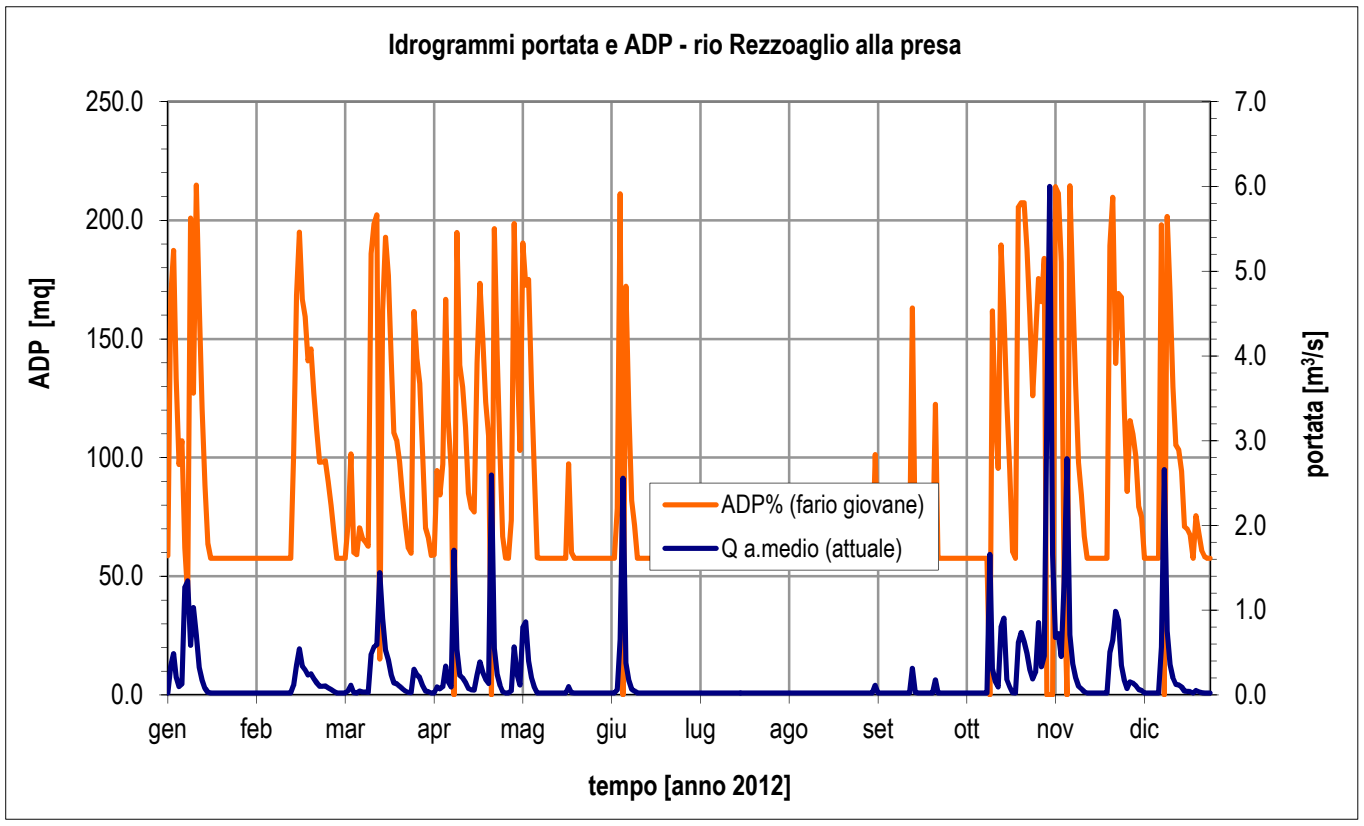

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

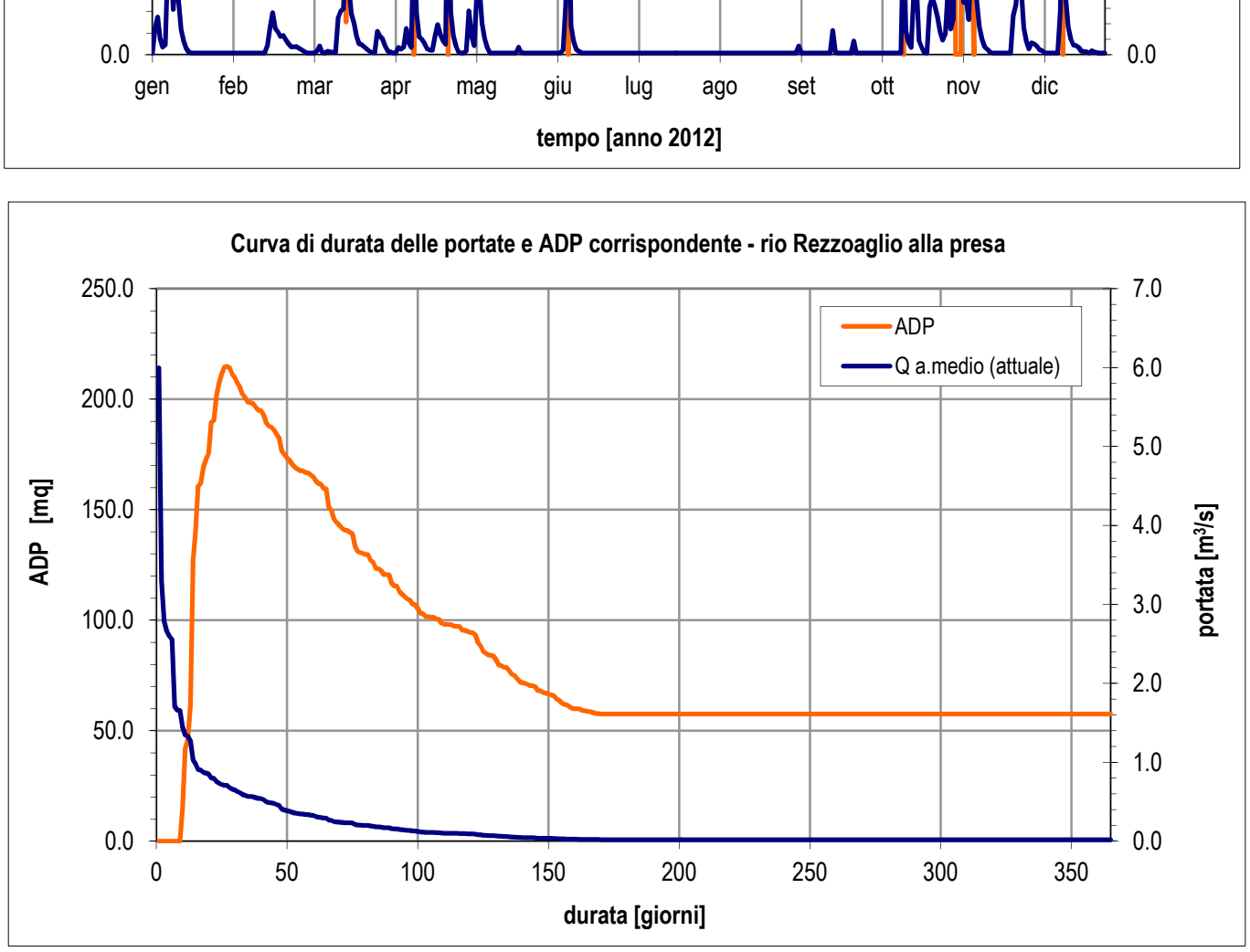

Curve di durata di portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

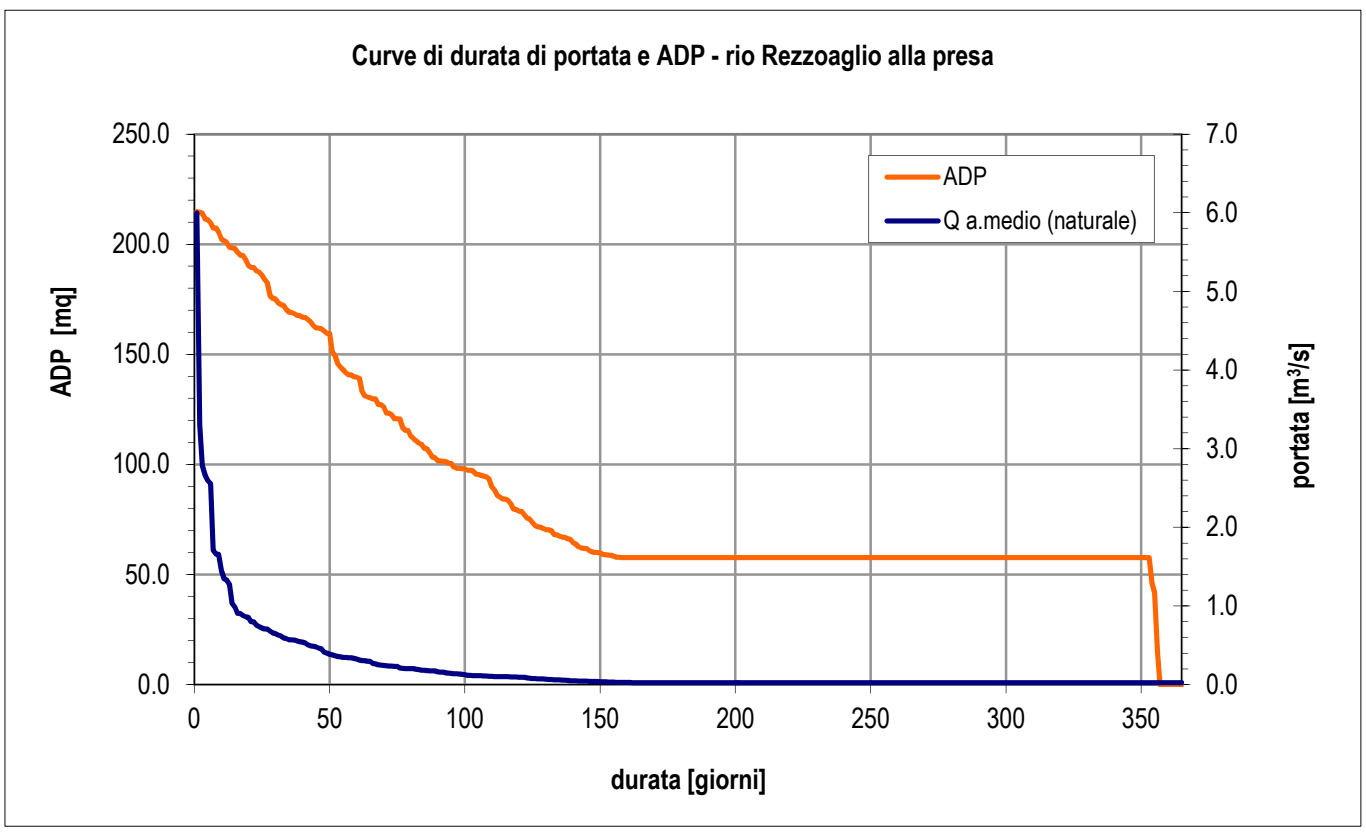

Idrogrammi portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP (fario giovane)
Q a. medio (naturale)
250.0
200.0
150.0
100.0
50.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

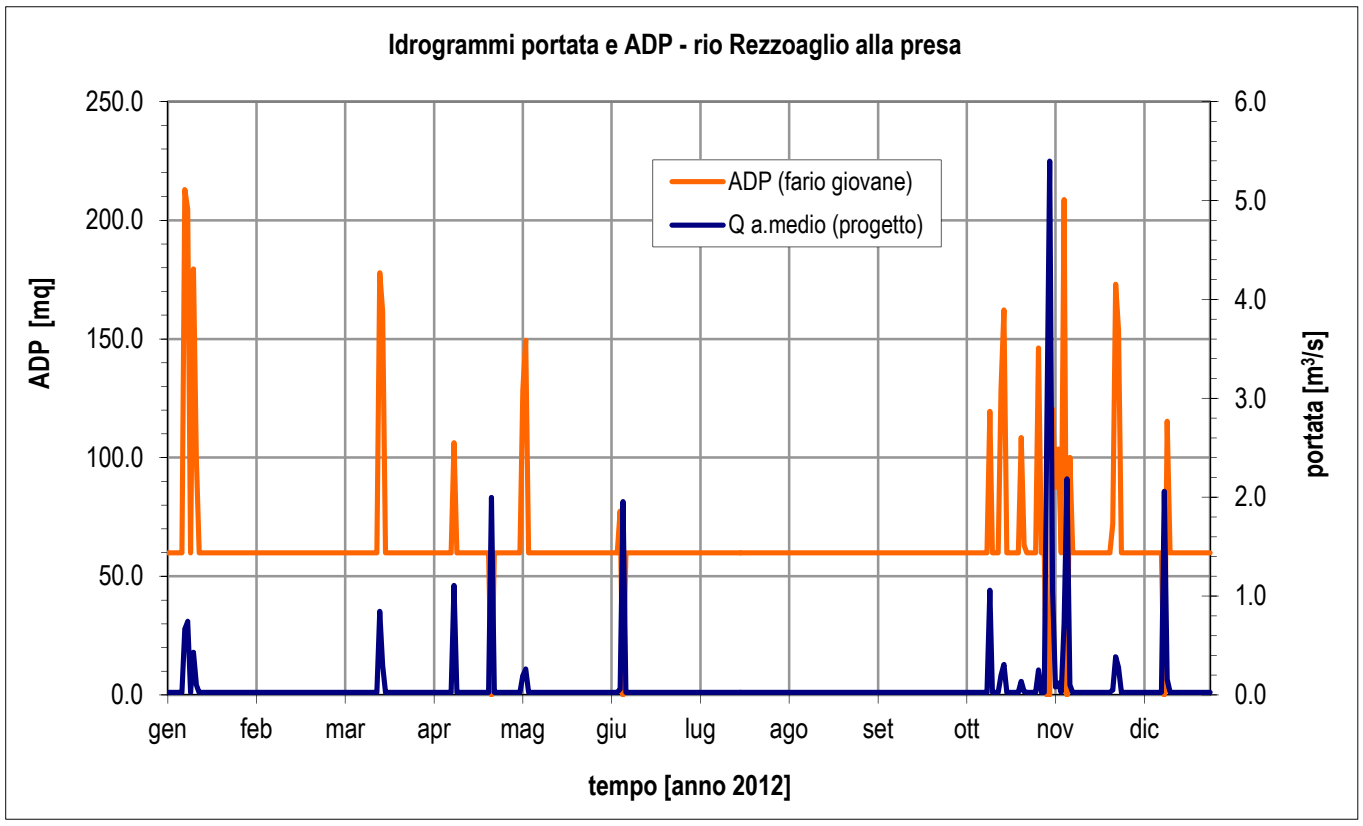

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
250.0
200.0
150.0
100.0
50.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

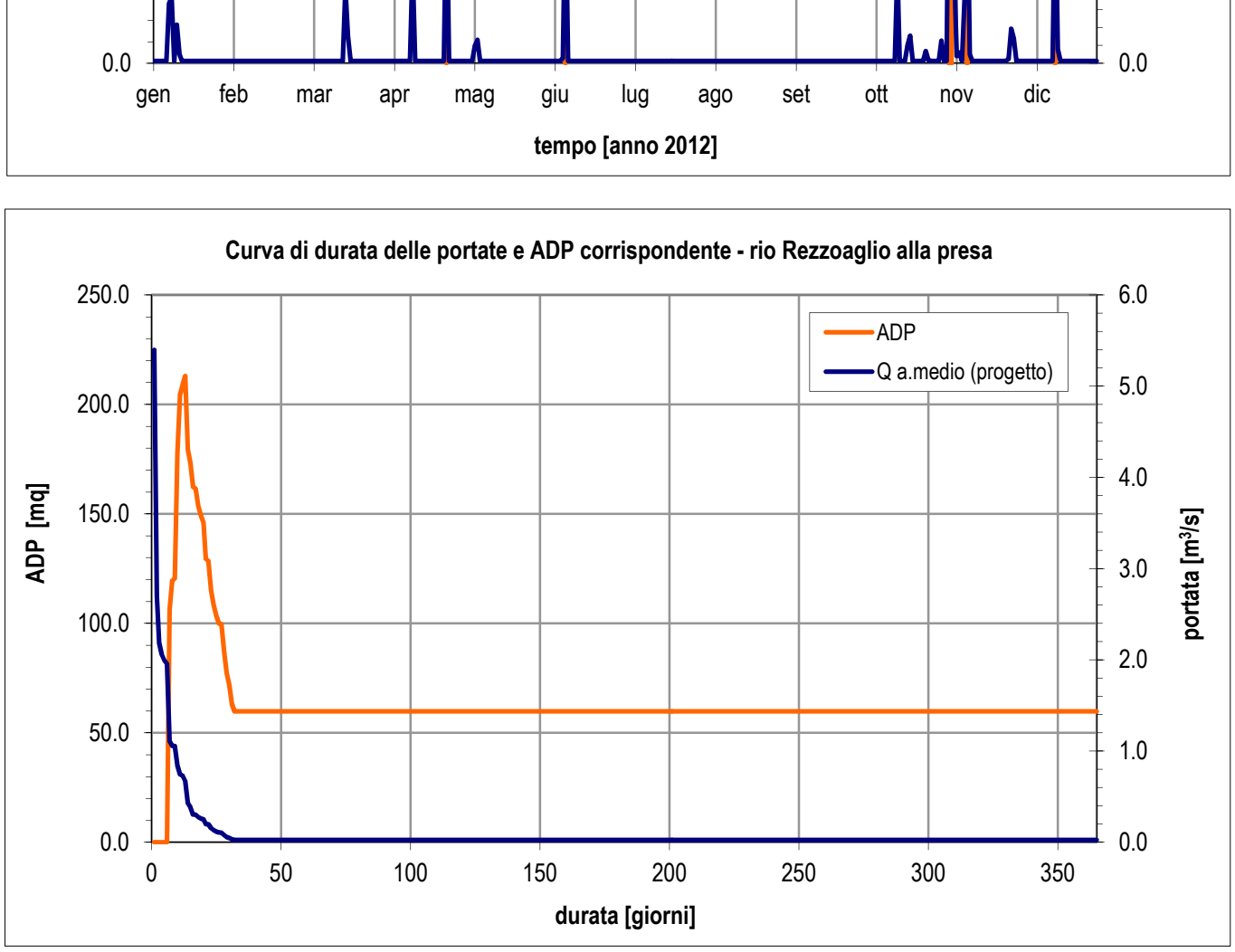

Curve di durata di portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
250.0
200.0
150.0
100.0
50.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

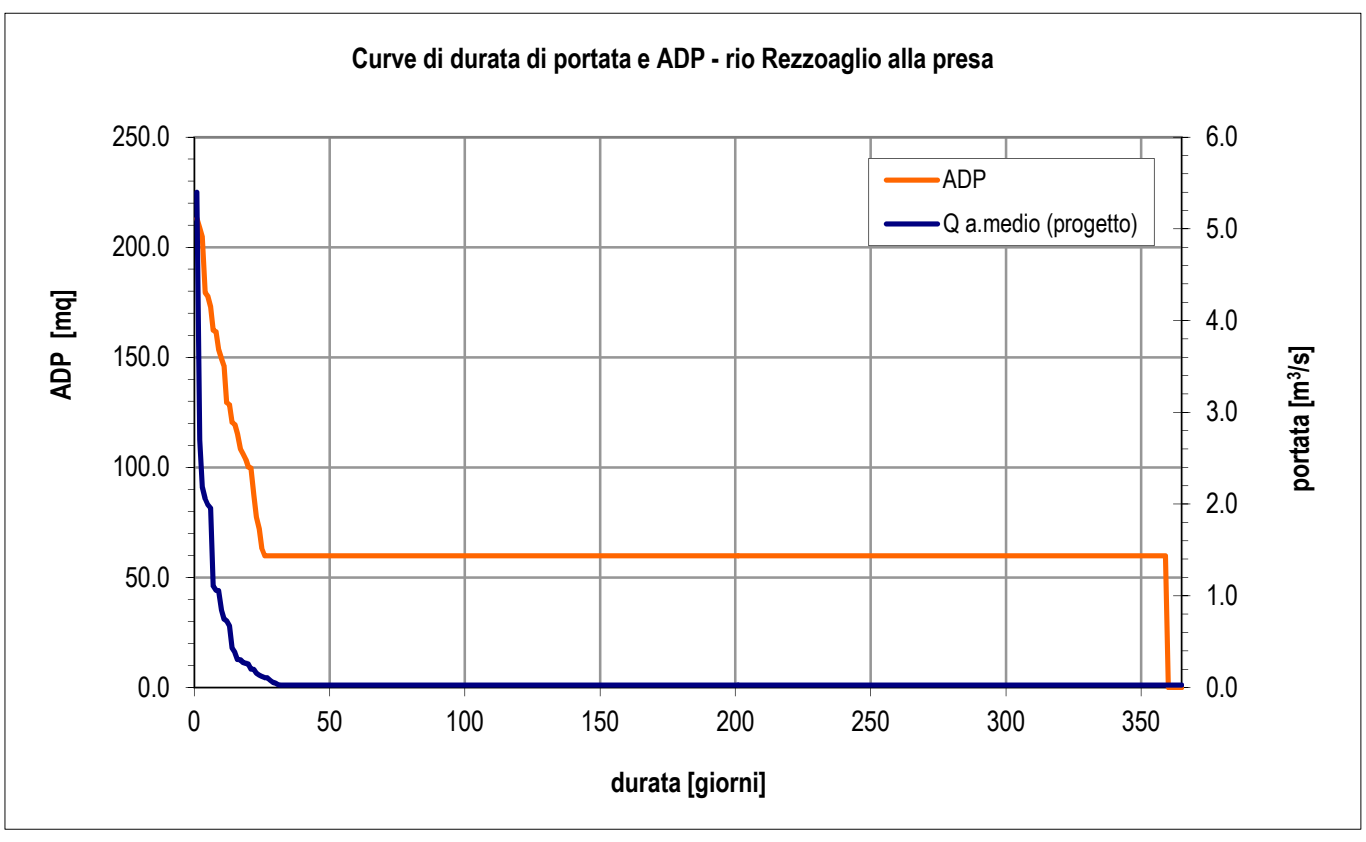

Idrogrammi portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
250.0
200.0
150.0
100.0
50.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
ADP% (fario giovane)
Q a.medio (attuale)
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

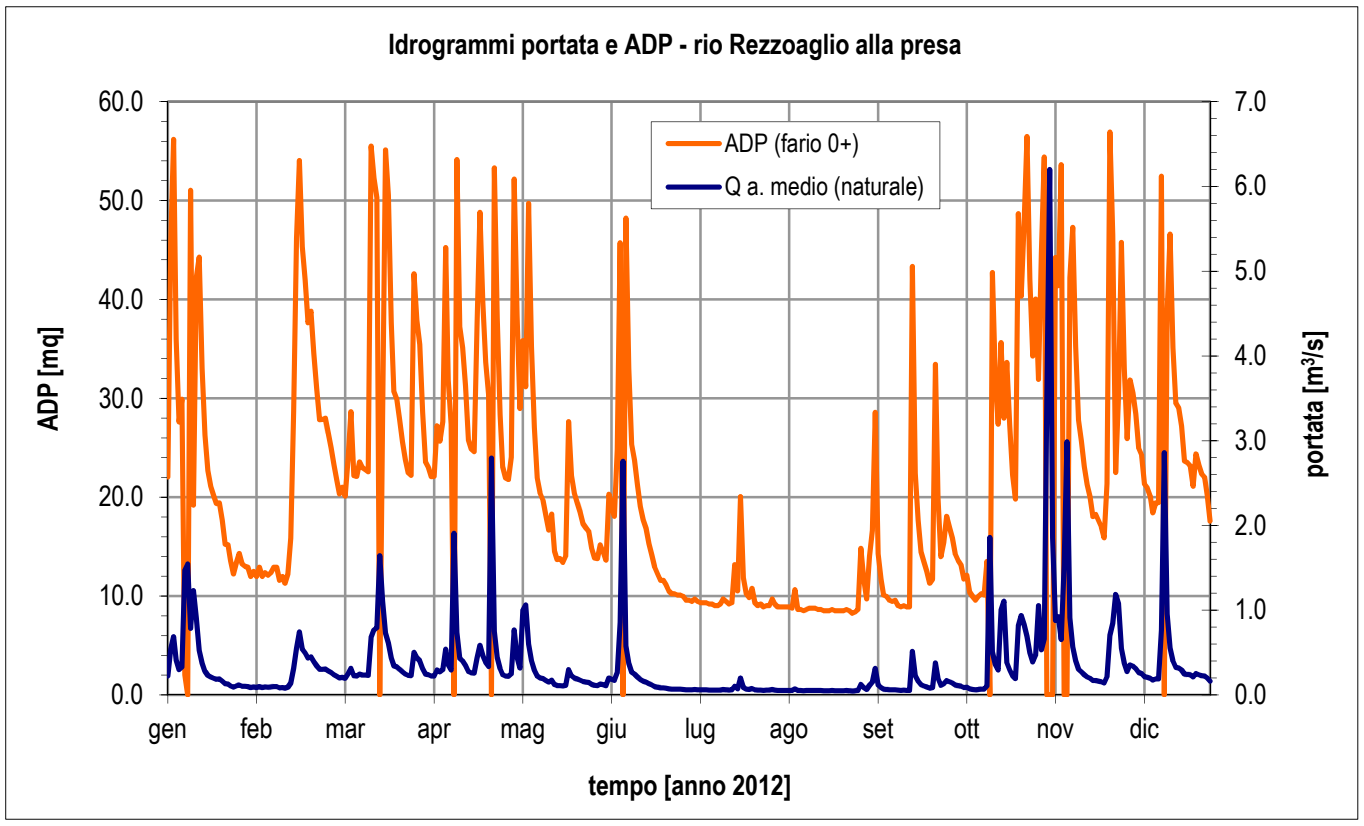

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
250.0
200.0
150.0
100.0
50.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
ADP
Q a.medio (attuale)
0
50
100
150
200
250
300
350
durata [giorni]

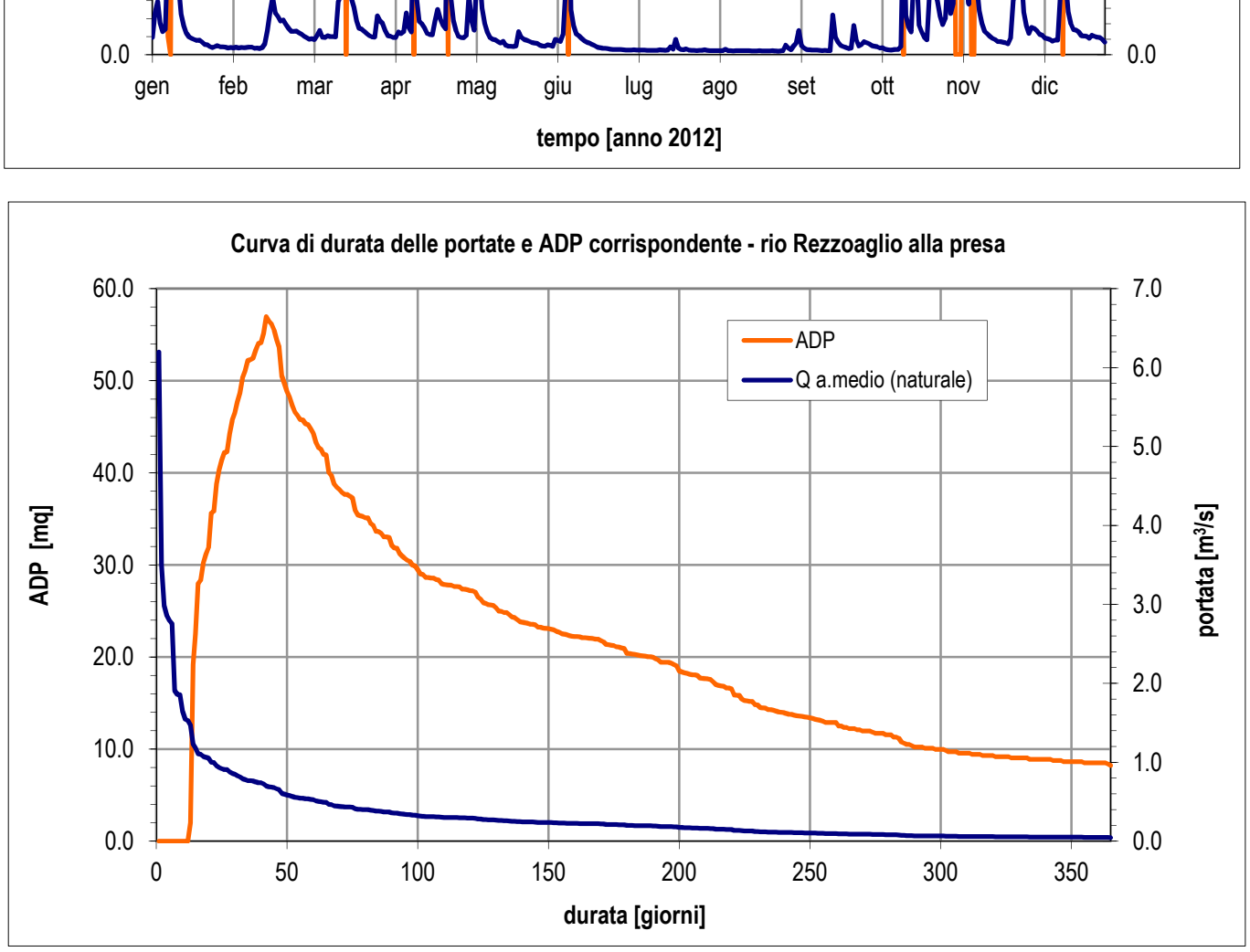

Curve di durata di portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
250.0
200.0
150.0
100.0
50.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
ADP
Q a.medio (naturale)
0
50
100
150
200
250
300
350
durata [giorni]

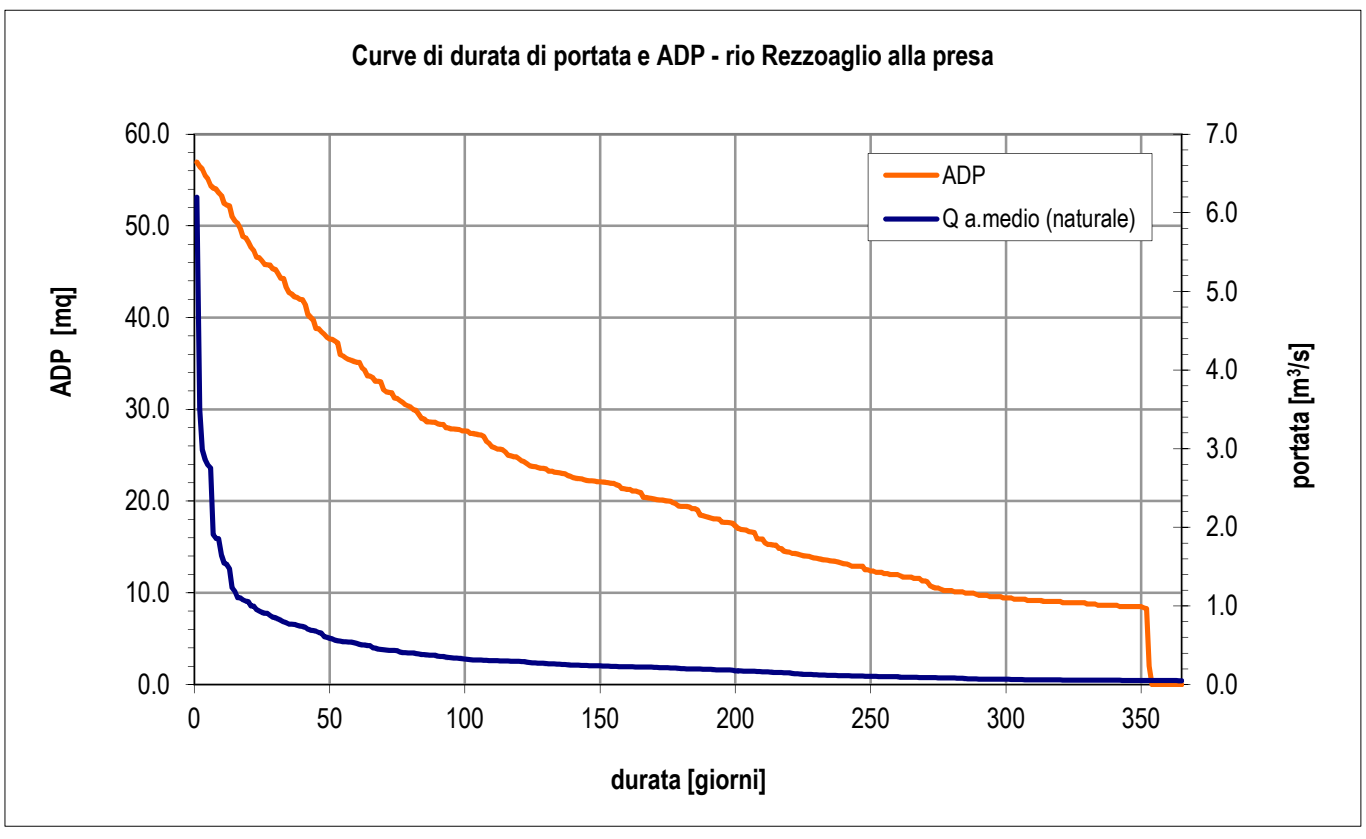

Idrogrammi portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP (fario giovane)
Q a.medio (progetto)
250.0
200.0
150.0
100.0
50.0
0.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

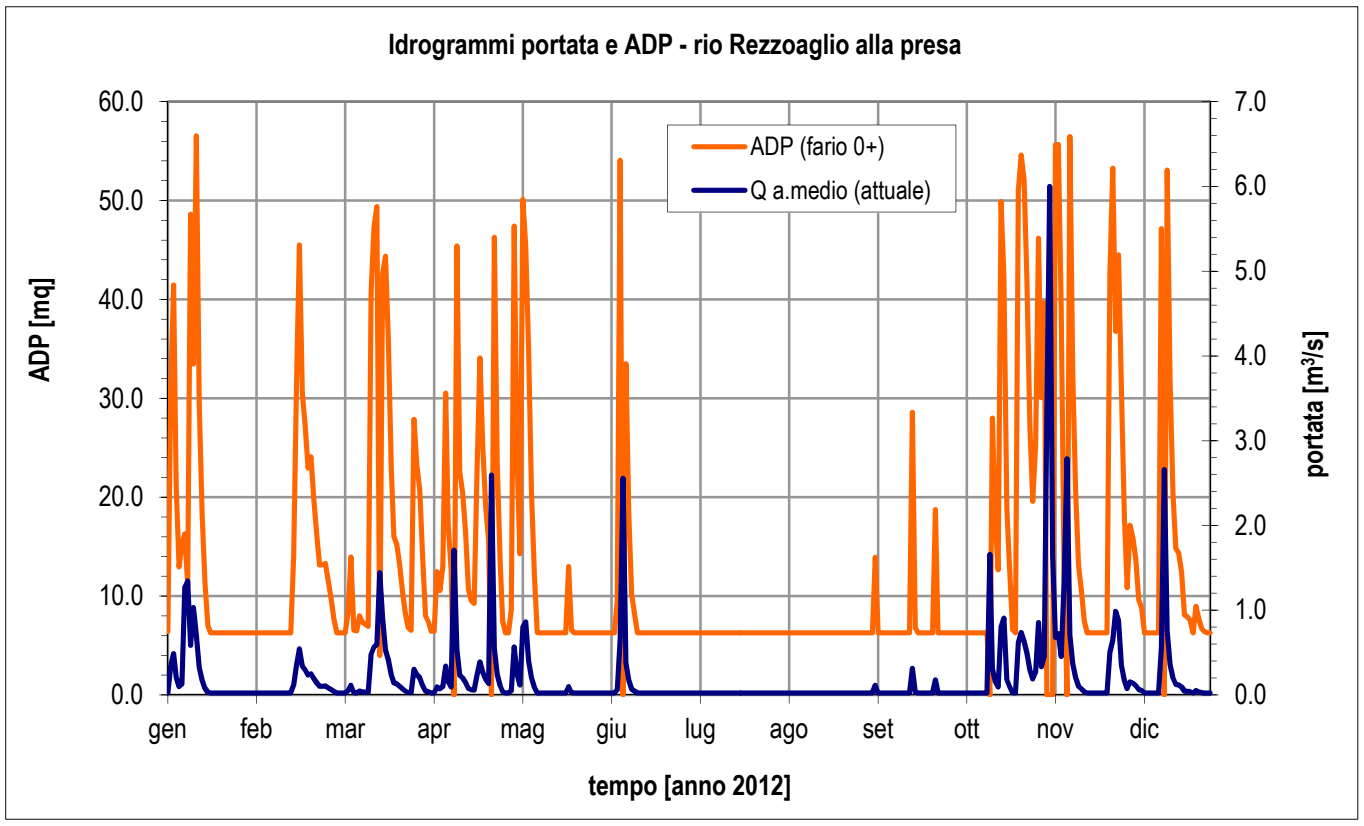

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
250.0
200.0
150.0
100.0
50.0
0.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

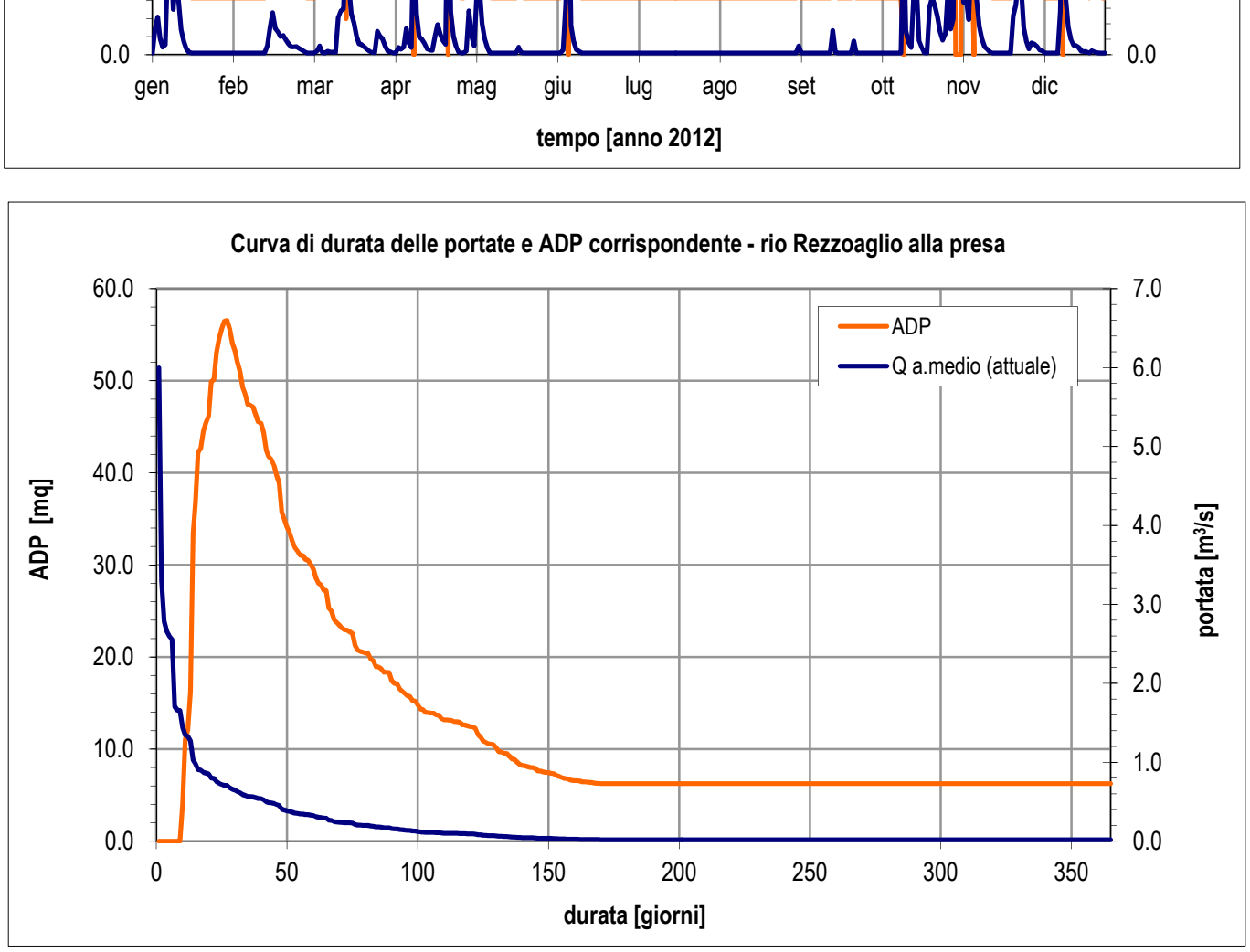

Curve di durata di portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
250.0
200.0
150.0
100.0
50.0
0.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

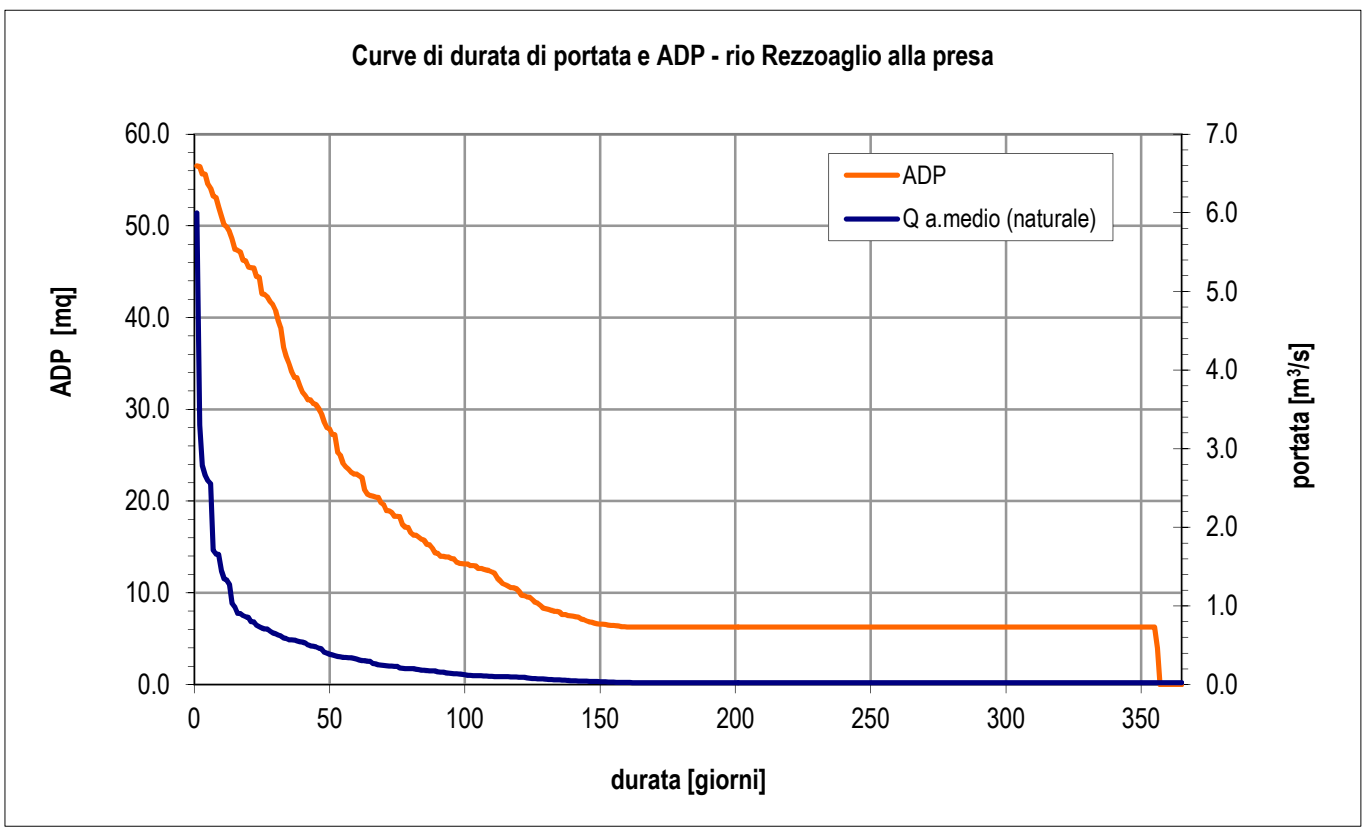

Idrogrammi portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP (fario 0+)
Q a. medio (naturale)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

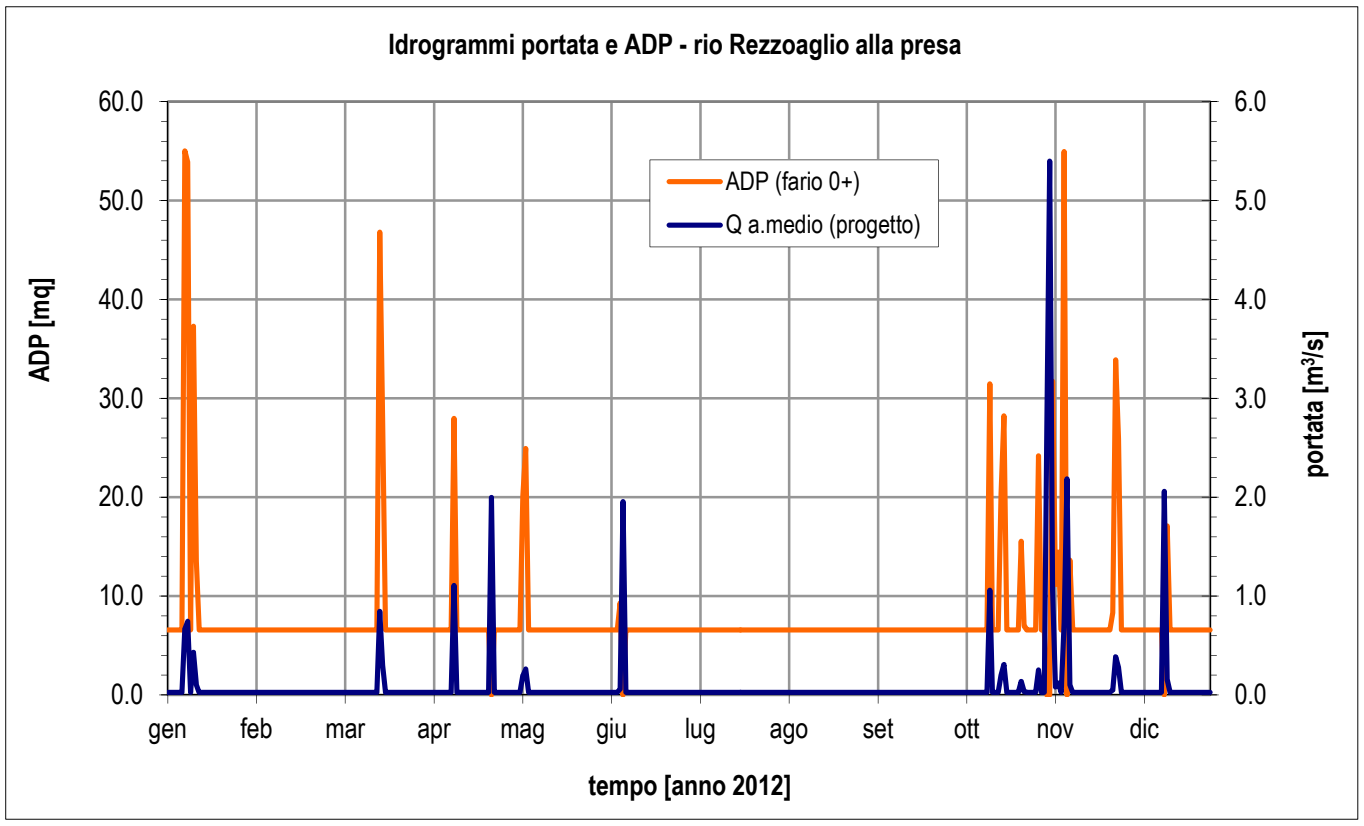

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

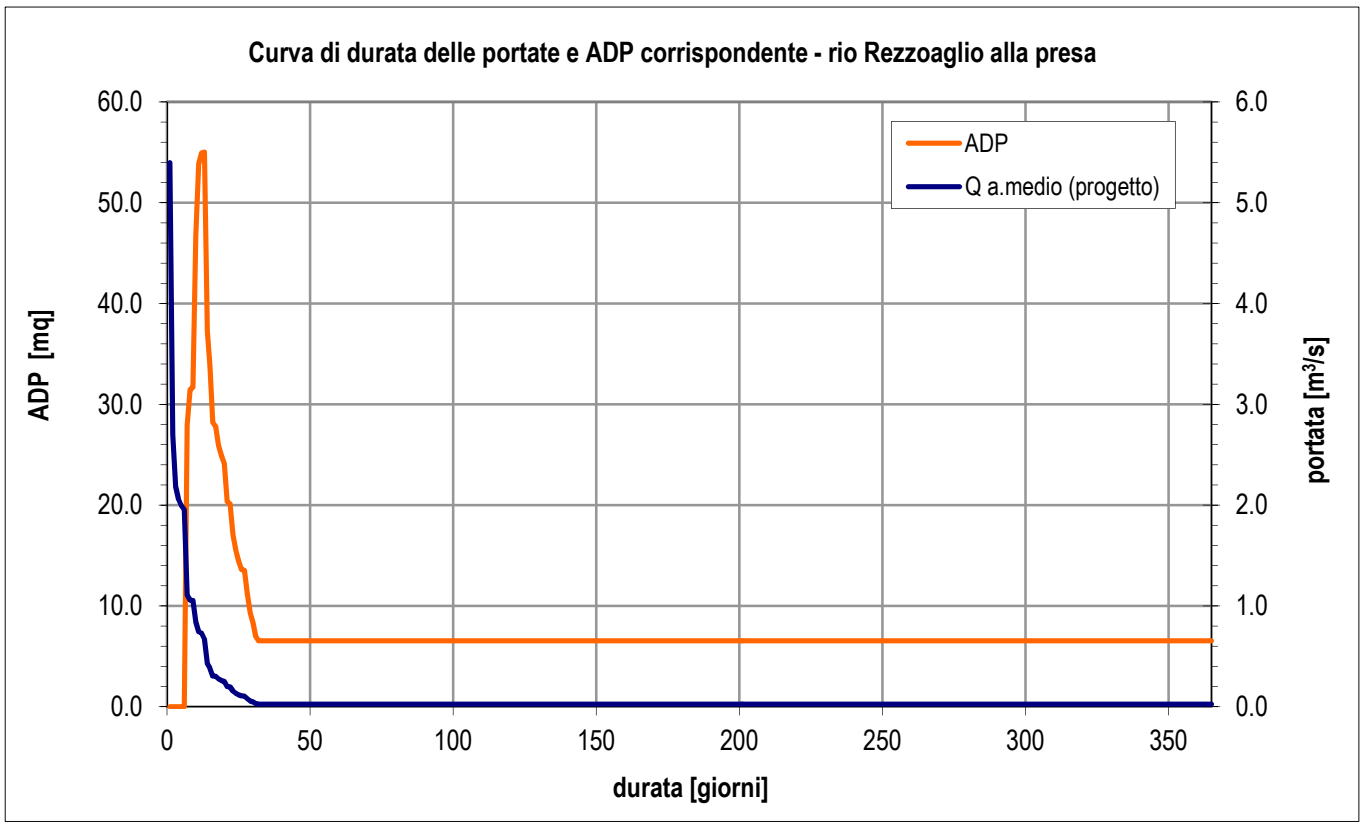

Curve di durata di portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

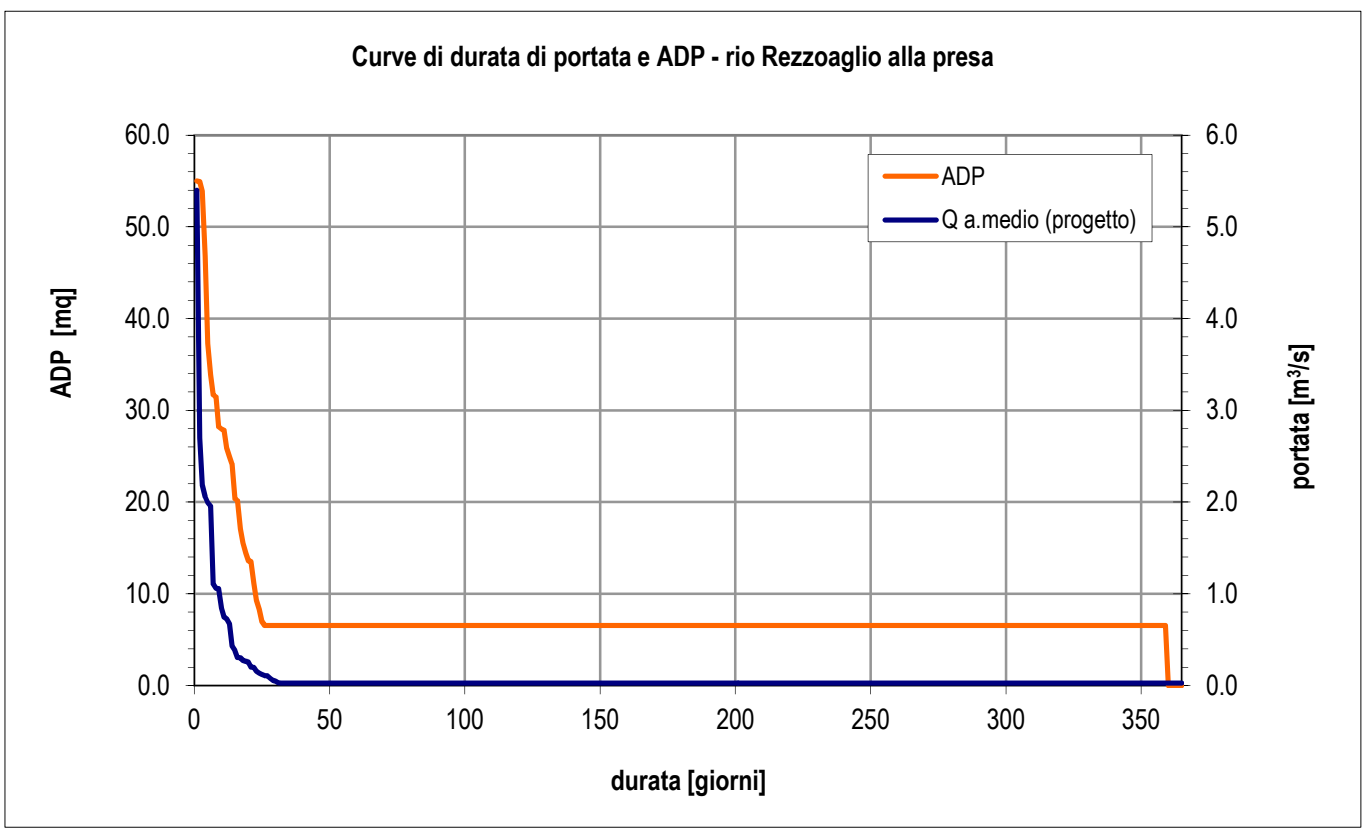

Idrogrammi portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP (fario 0+)
Q a.medio (attuale)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]


Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

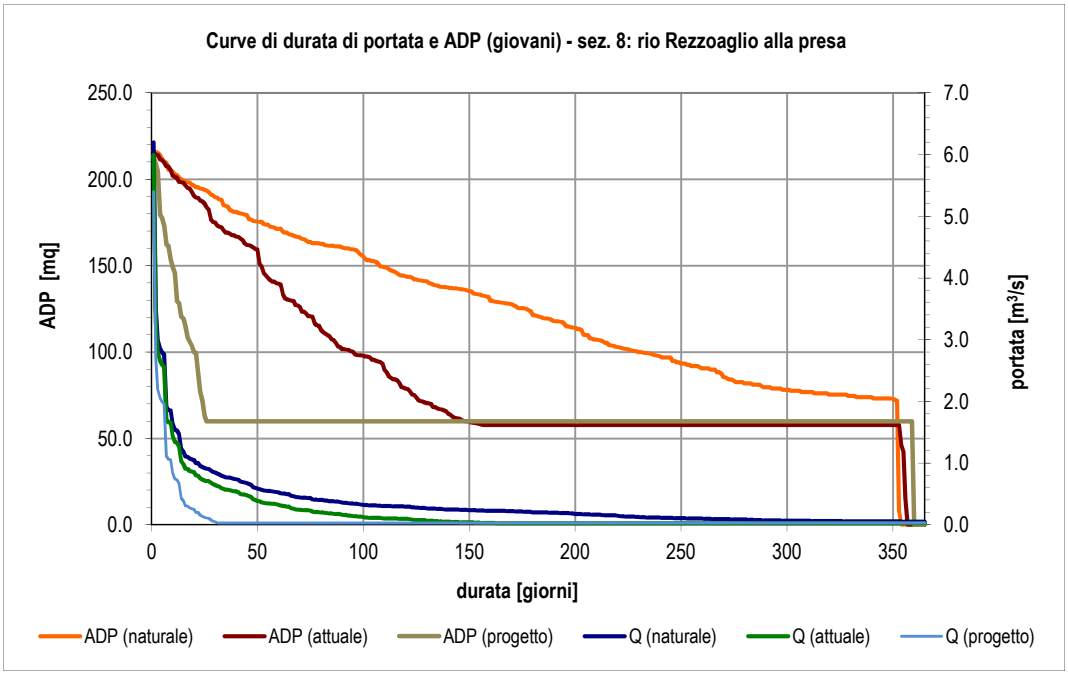

Curve di durata di portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

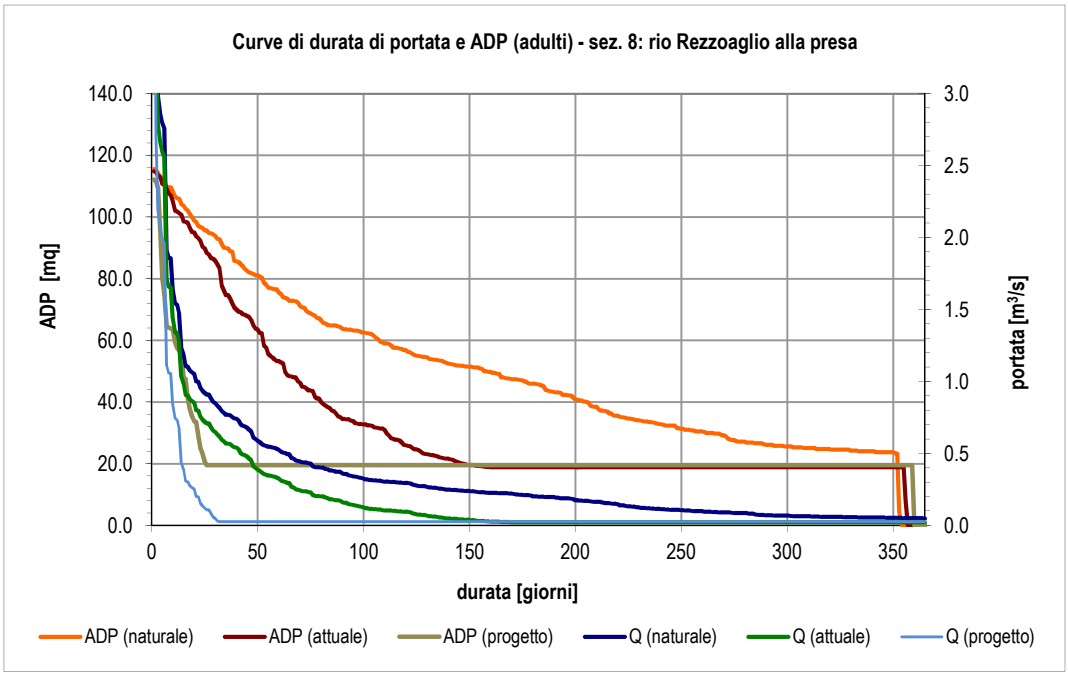

Idrogrammi portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP (fario 0+)
Q a.medio (progetto)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]


Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

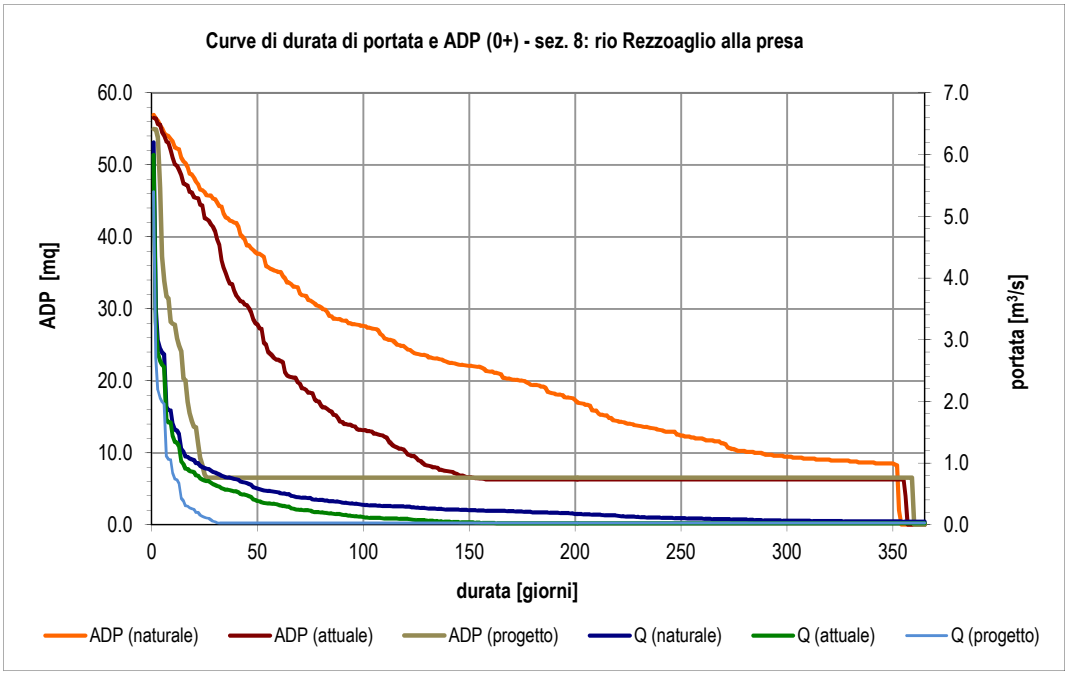

Curve di durata di portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

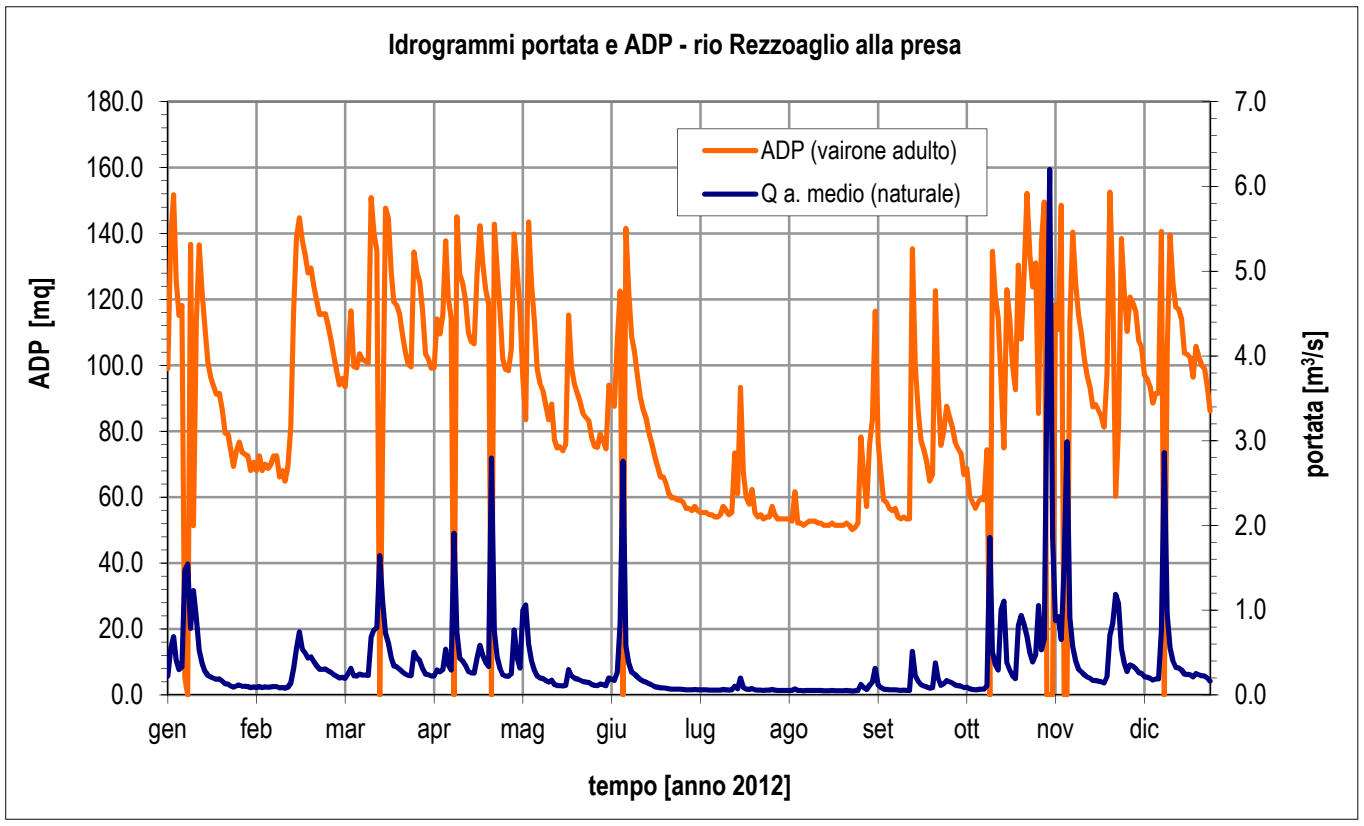
Confronto tra curve di durata Q e ADP (Fario) per il sito di monitoraggio (S8 - Rezzoaglio)

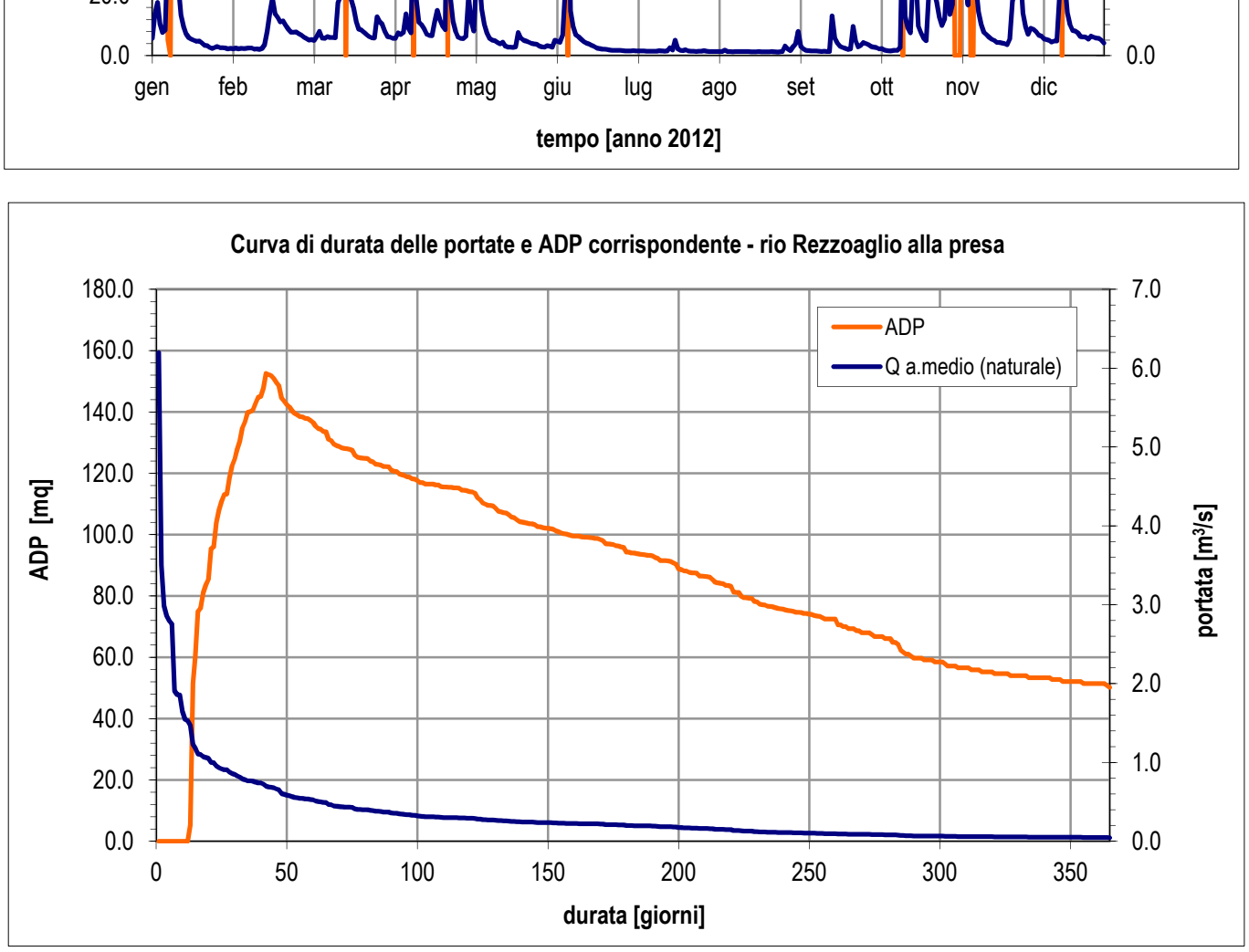


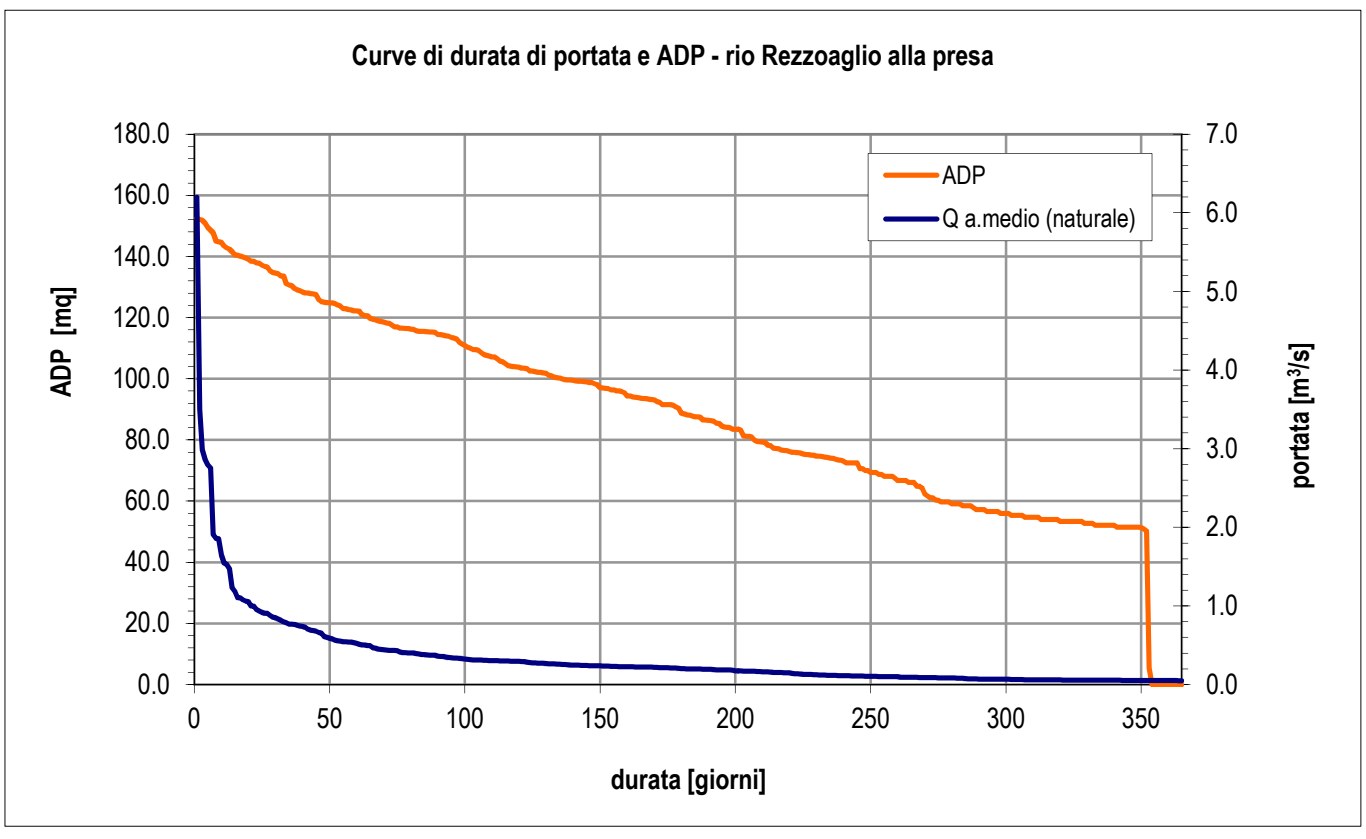


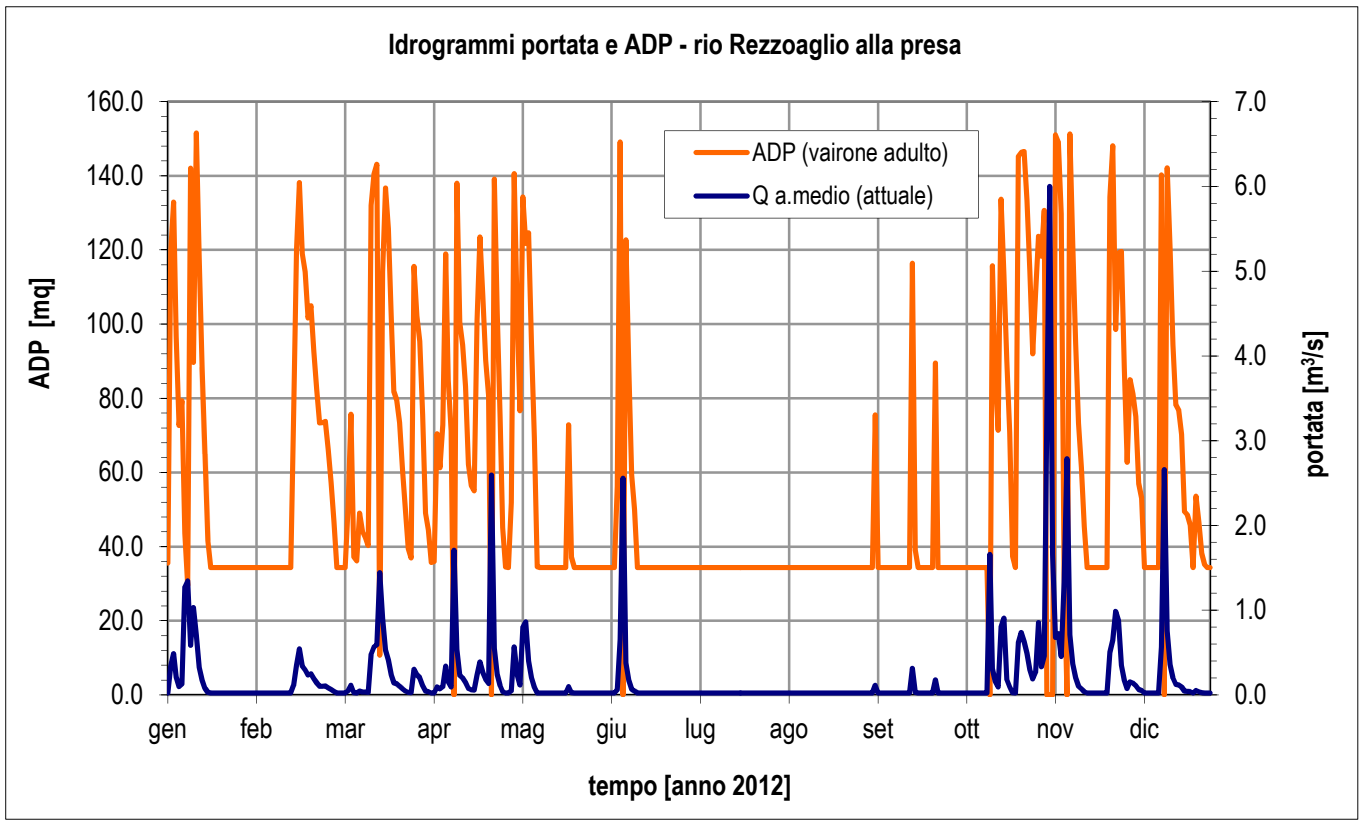
Confronto tra curve di durata Q e ADP (Fario 0+) per il sito di monitoraggio (S8 - Rezzoaglio)

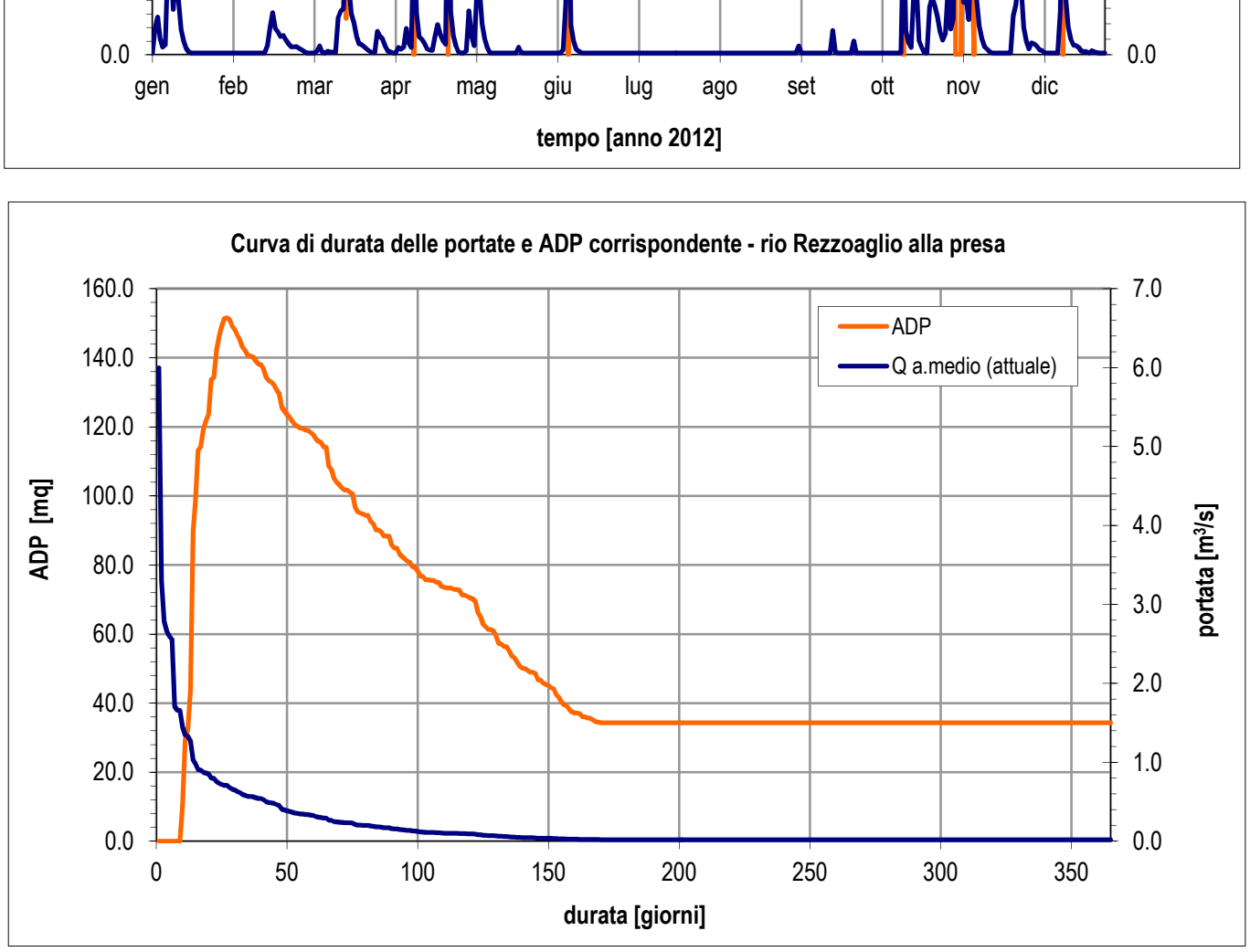


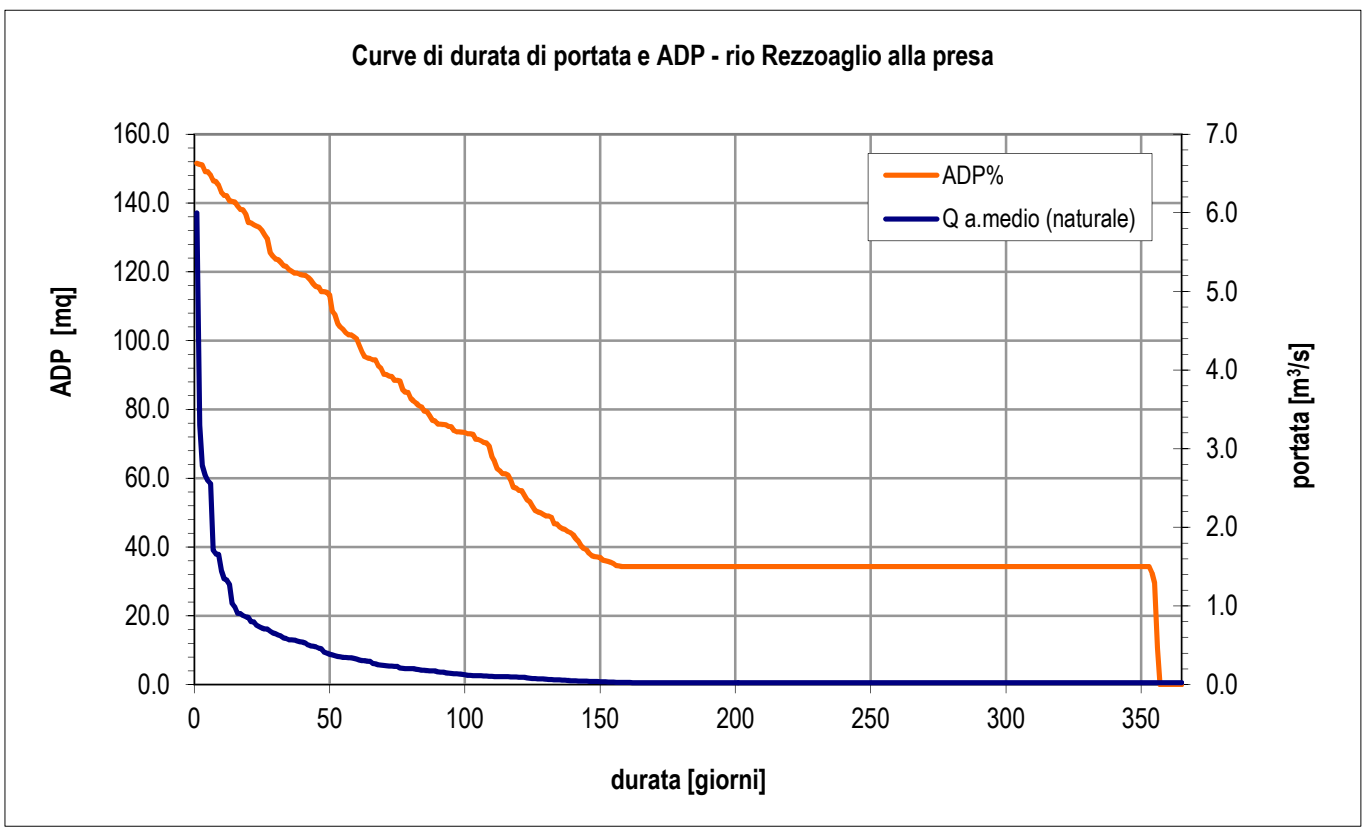

Idrogrammi portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP (vairone adulto)
Q a. medio (naturale)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

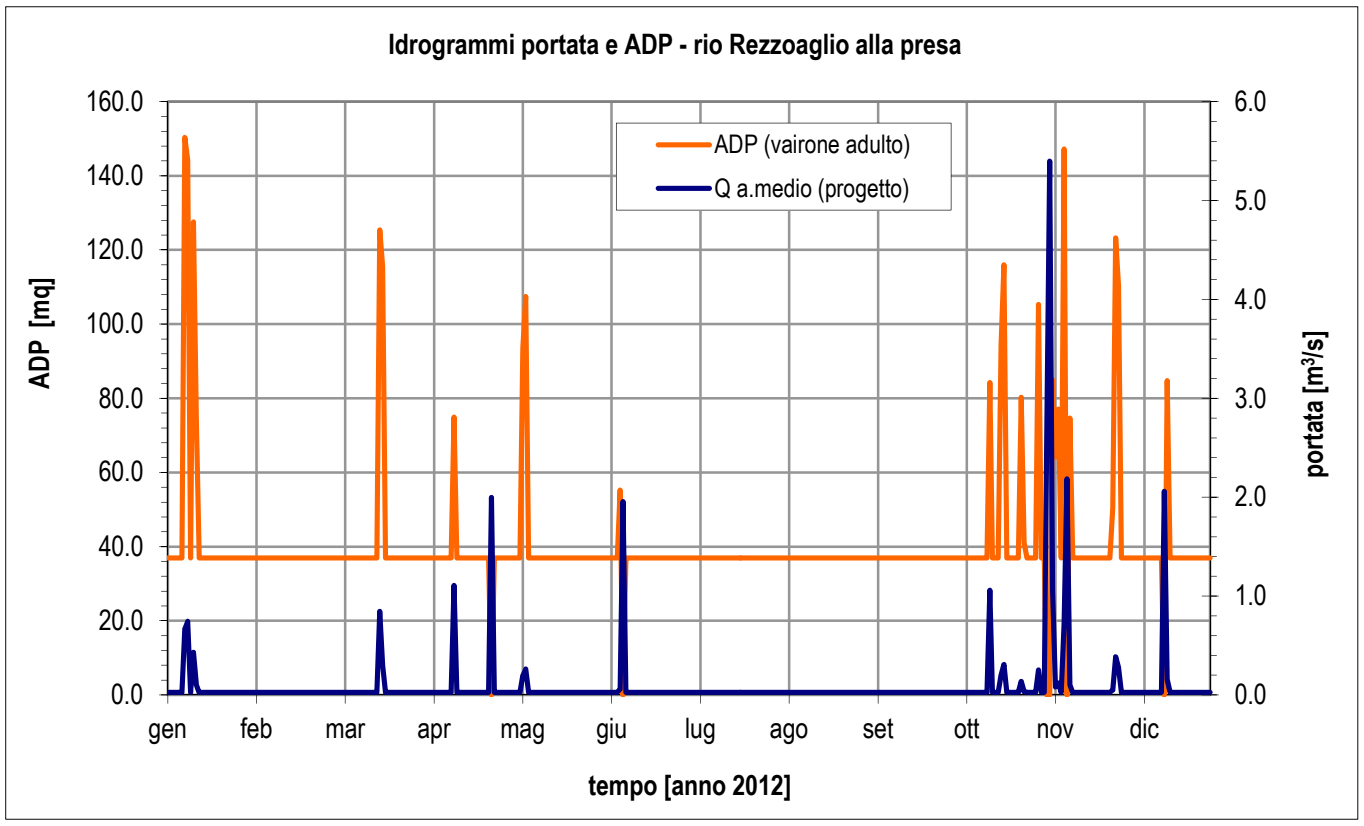

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

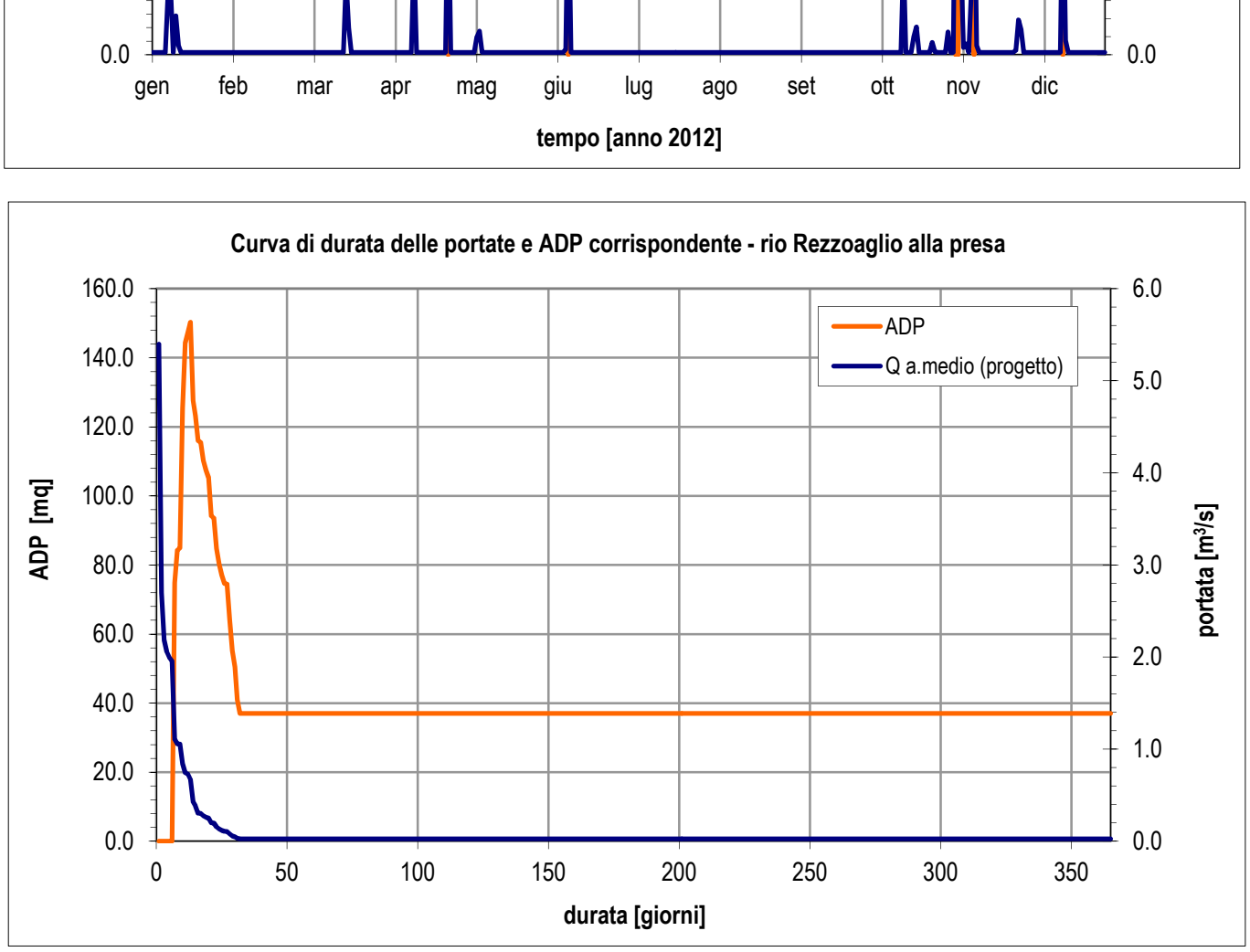

Curve di durata di portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
180.0
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

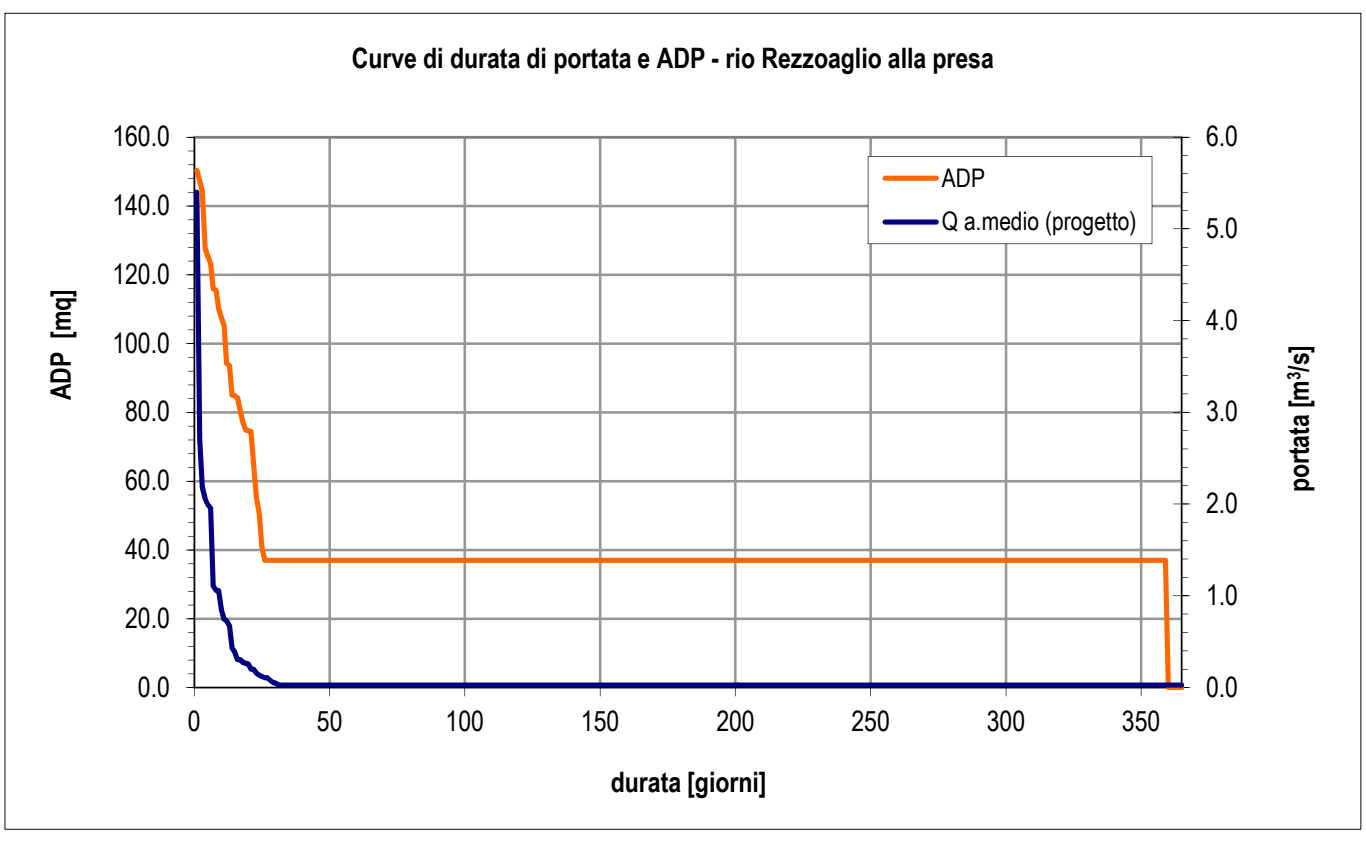

Idrogrammi portata e ADP - rio Rezzoaglio alla presa
ADP (vairone adulto)
Q a.medio (attuale)
ADP [mq]
portata [m³/s]
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

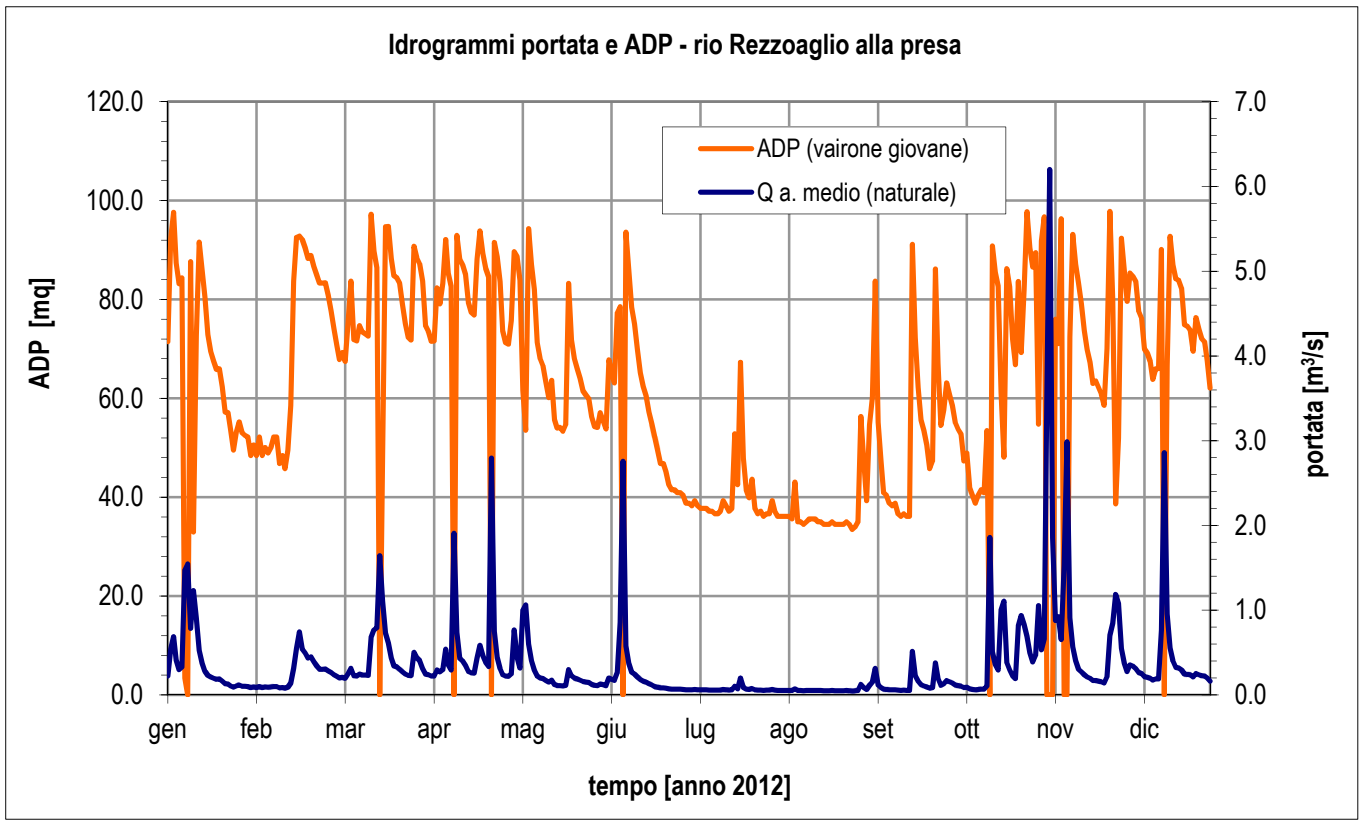

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio alla presa
ADP
Q a.medio (attuale)
ADP [mq]
portata [m³/s]
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

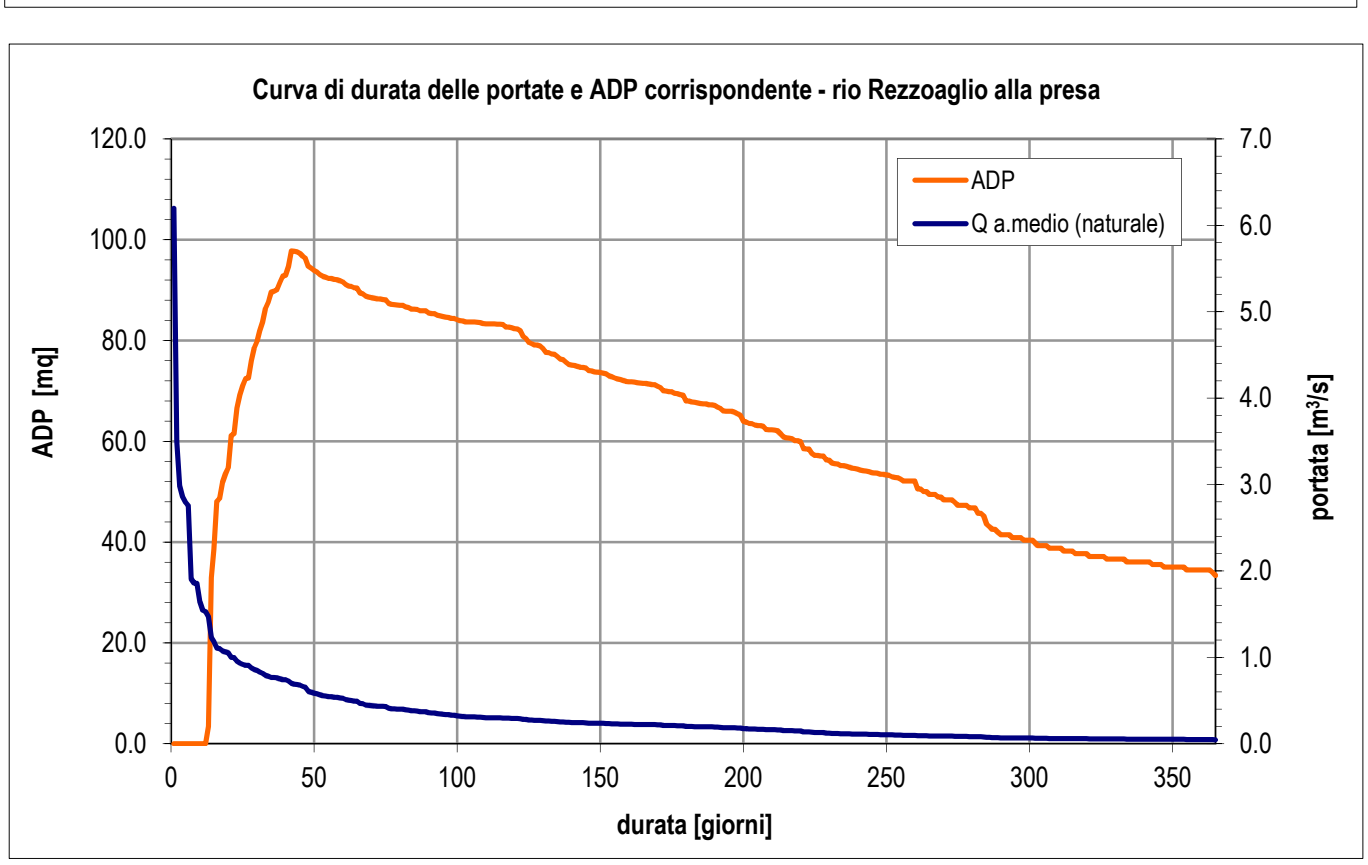

Curve di durata di portata e ADP - rio Rezzoaglio alla presa
ADP%
Q a.medio (naturale)
ADP [mq]
portata [m³/s]
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

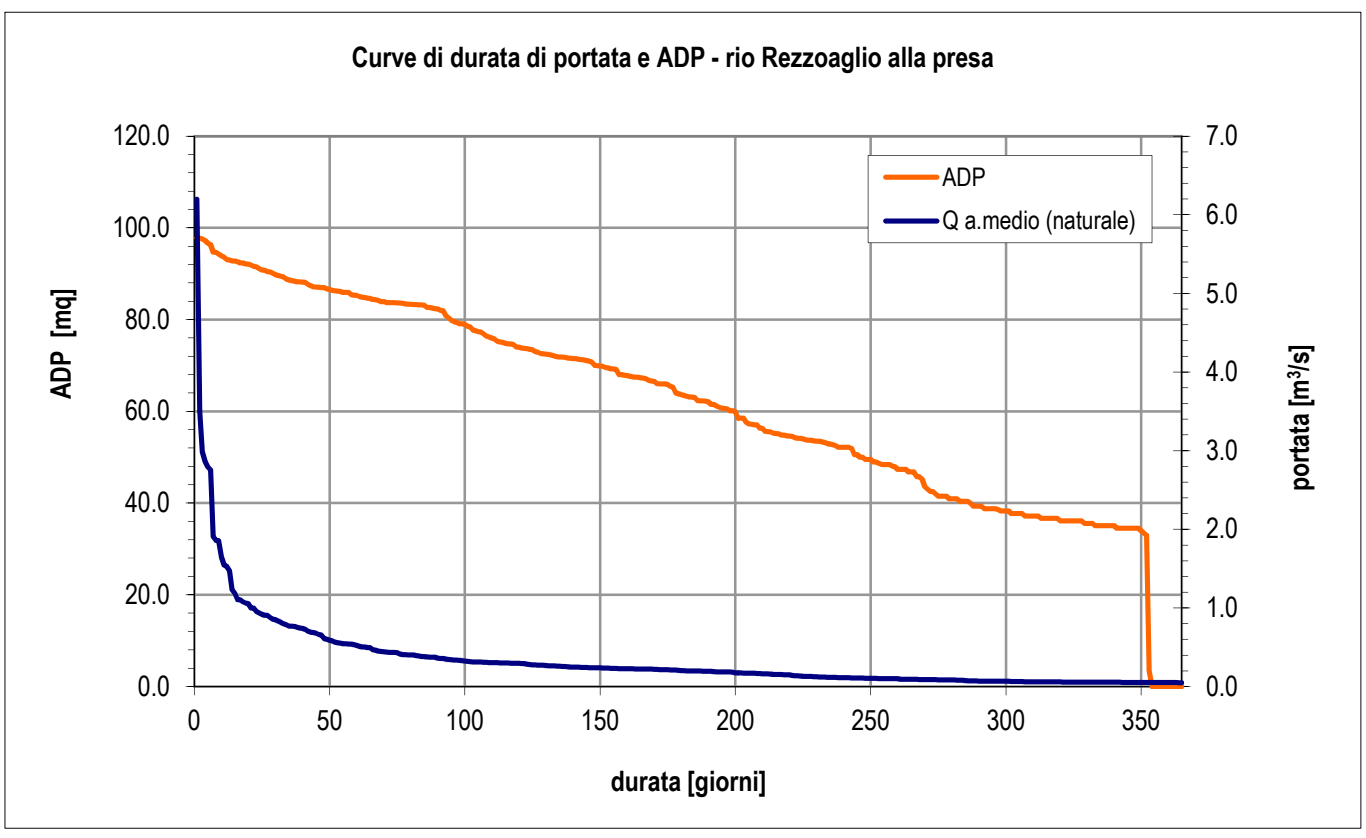

Idrogrammi portata e ADP - rio Rezzoaglio alla presa
ADP (vairone adulto)
Q a.medio (progetto)
ADP [mq]
portata [m³/s]
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

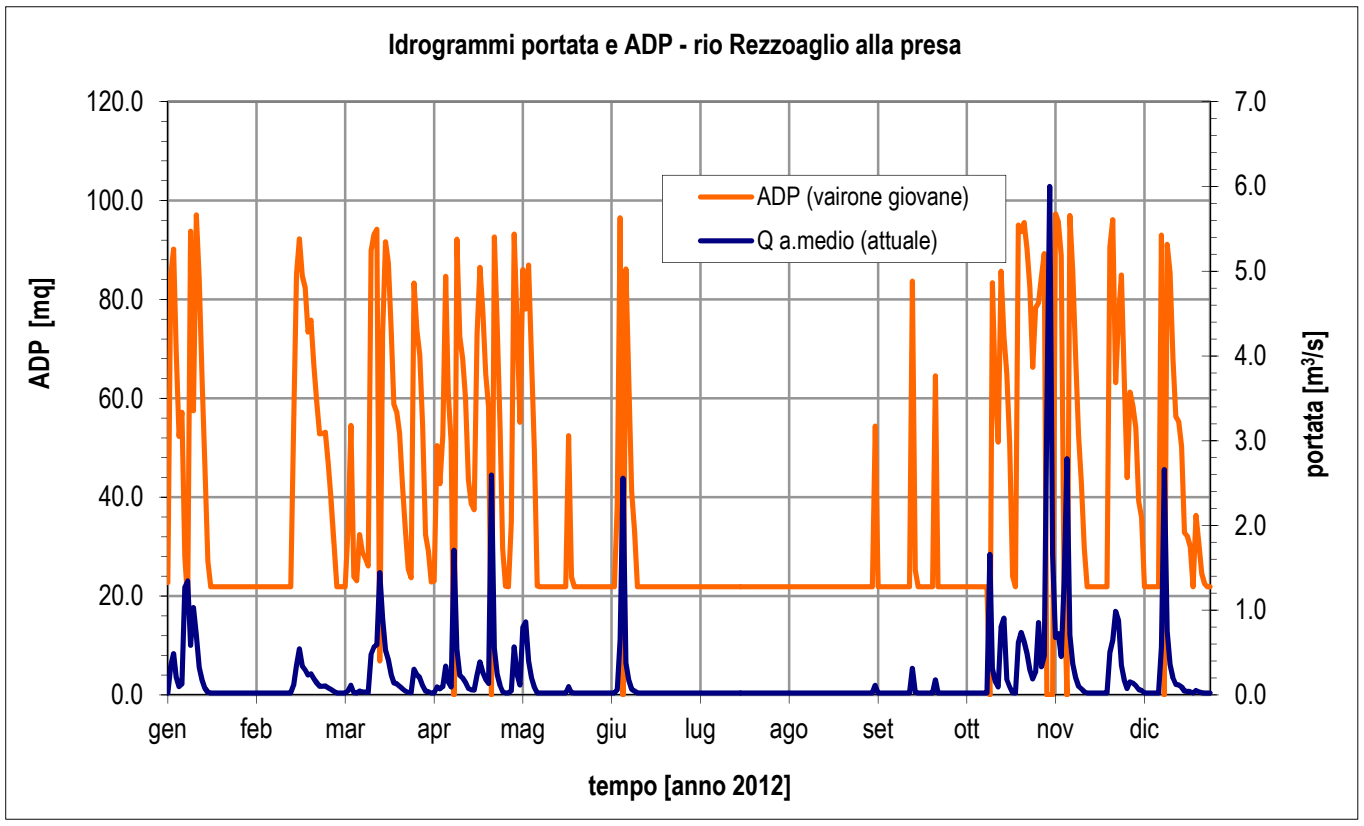

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio alla presa
ADP
Q a.medio (progetto)
ADP [mq]
portata [m³/s]
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

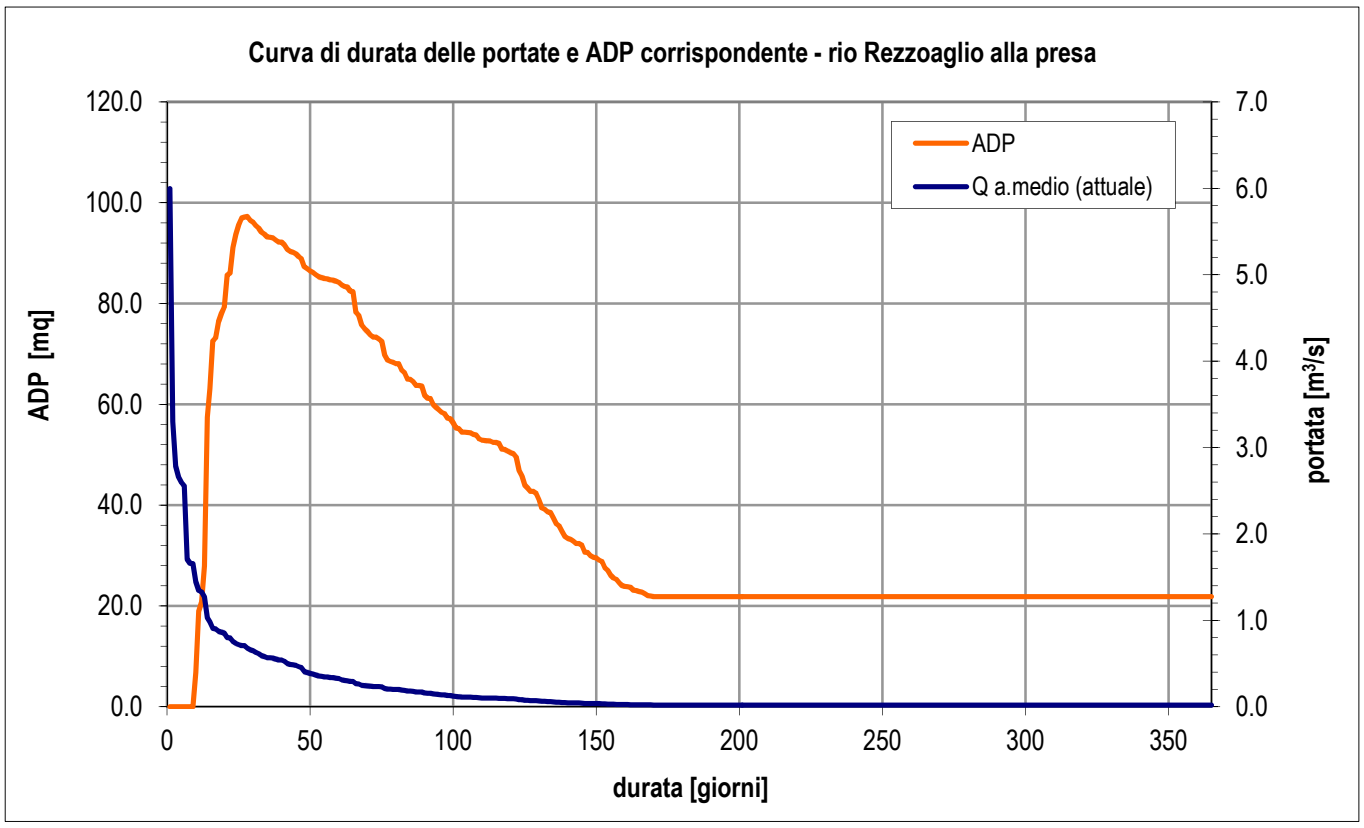

Curve di durata di portata e ADP - rio Rezzoaglio alla presa
ADP
Q a.medio (progetto)
ADP [mq]
portata [m³/s]
160.0
140.0
120.0
100.0
80.0
60.0
40.0
20.0
0.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

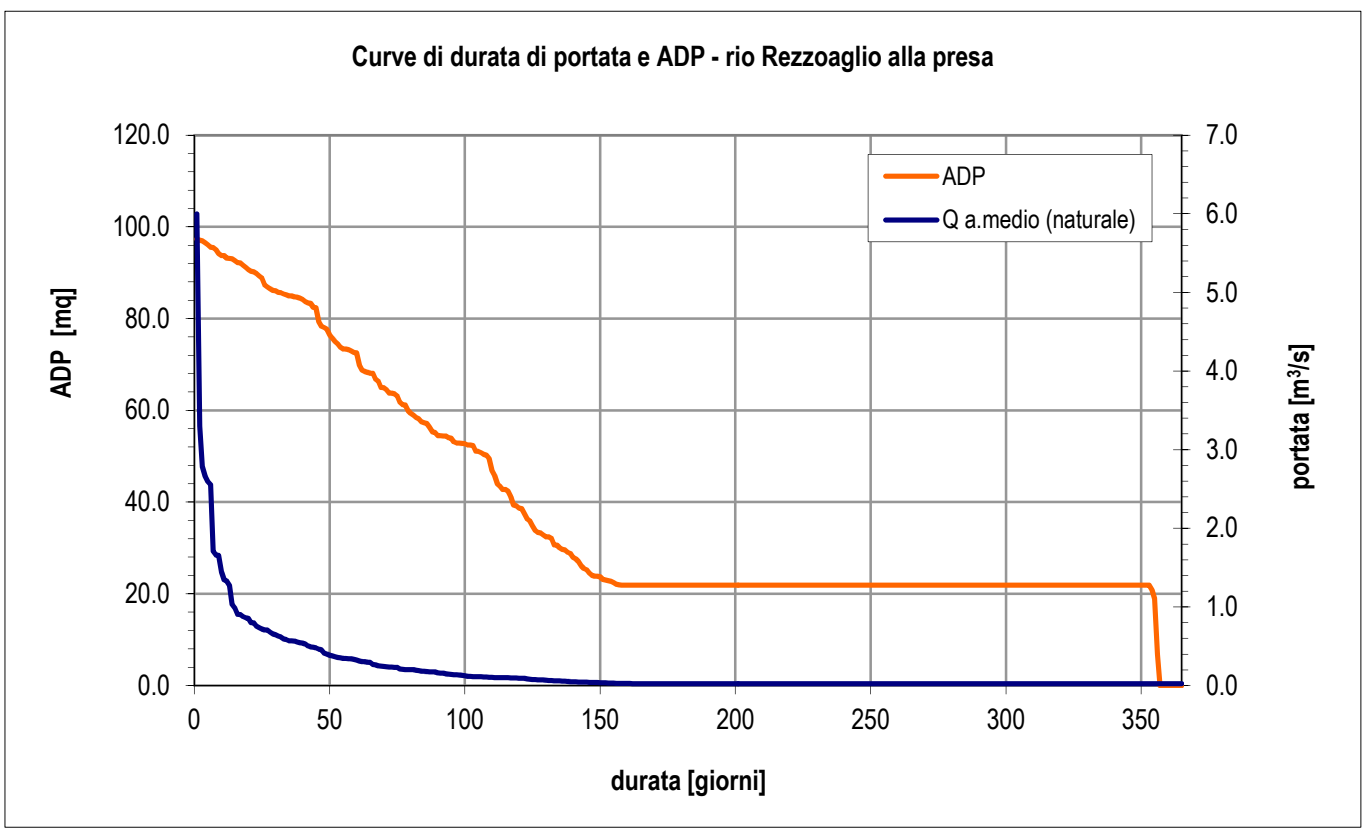

Idrogrammi portata e ADP - rio Rezzoaglio alla presa
ADP (vairone giovane)
Q a. medio (naturale)
ADP [mq]
portata [m³/s]
120.0
100.0
80.0
60.0
40.0
20.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

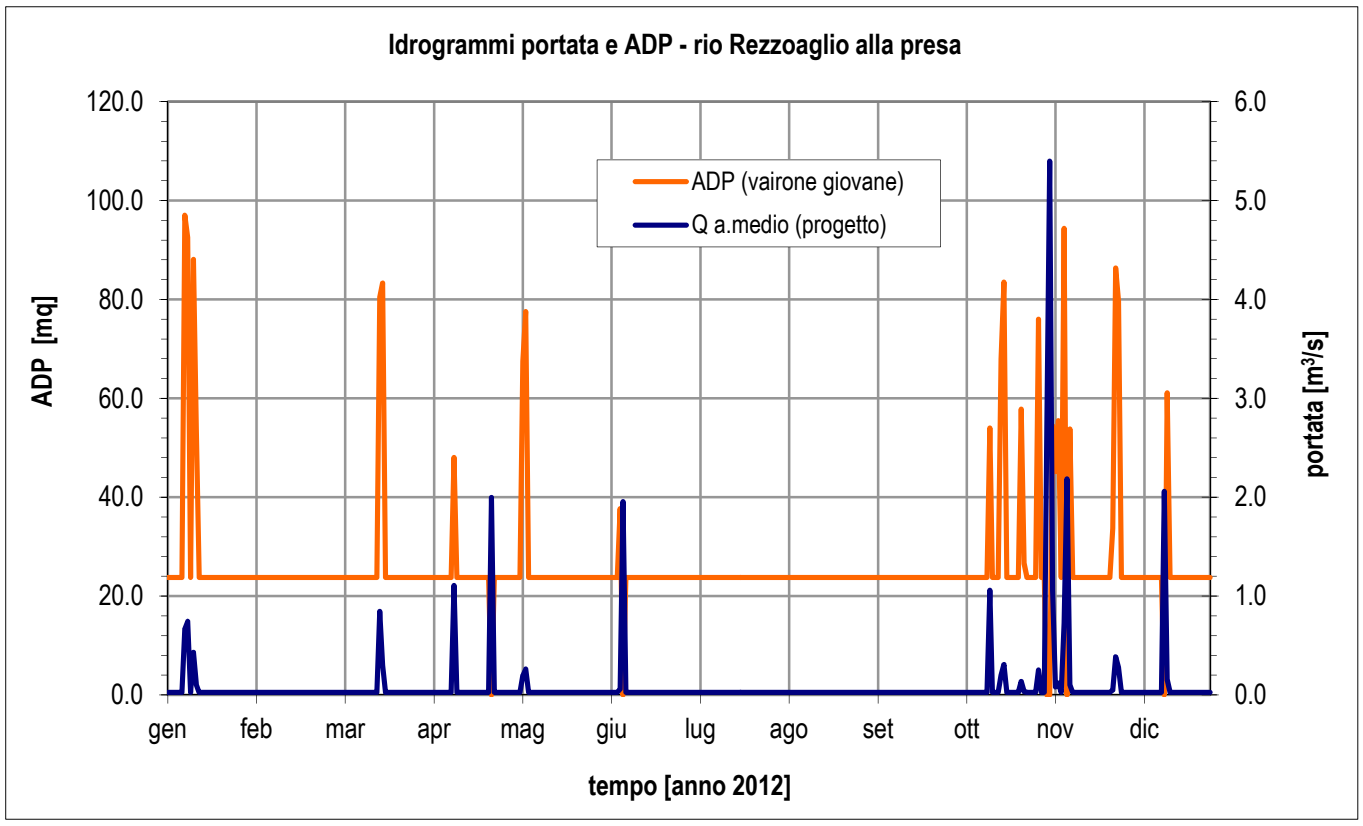

Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio alla presa
ADP
Q a.medio (naturale)
ADP [mq]
portata [m³/s]
120.0
100.0
80.0
60.0
40.0
20.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

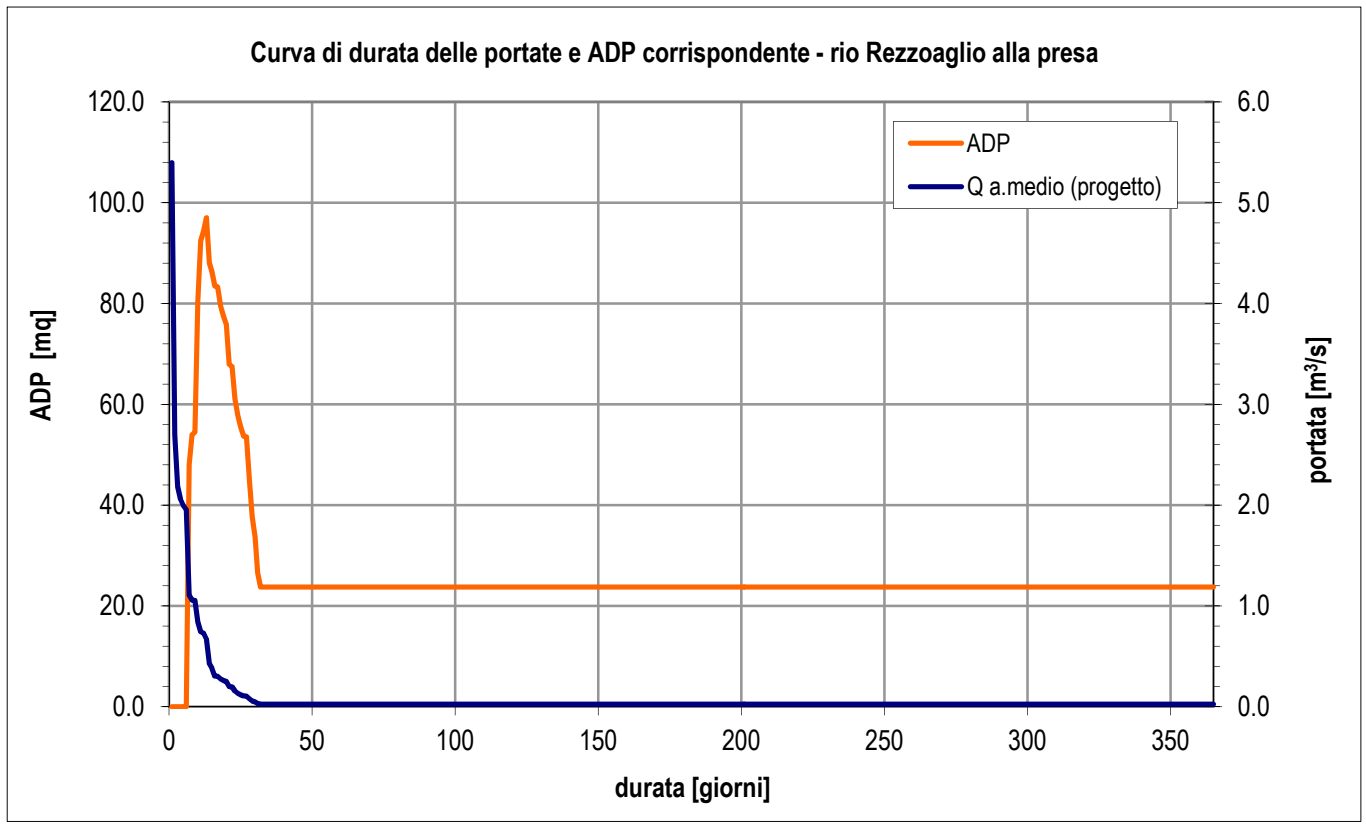

Curve di durata di portata e ADP - rio Rezzoaglio alla presa
ADP
Q a.medio (naturale)
ADP [mq]
portata [m³/s]
120.0
100.0
80.0
60.0
40.0
20.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

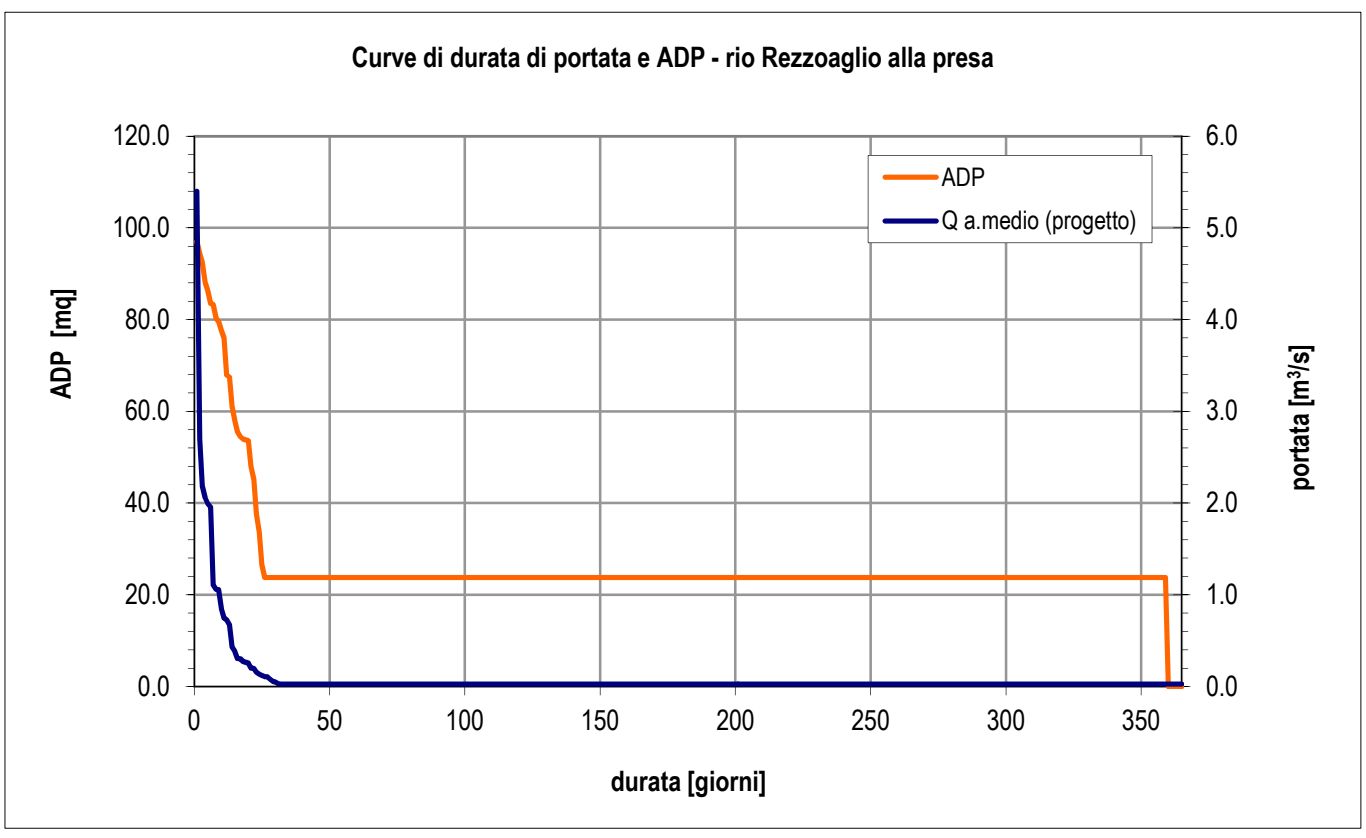

Idrogrammi portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP (vairone giovane)
Q a.medio (attuale)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]


Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

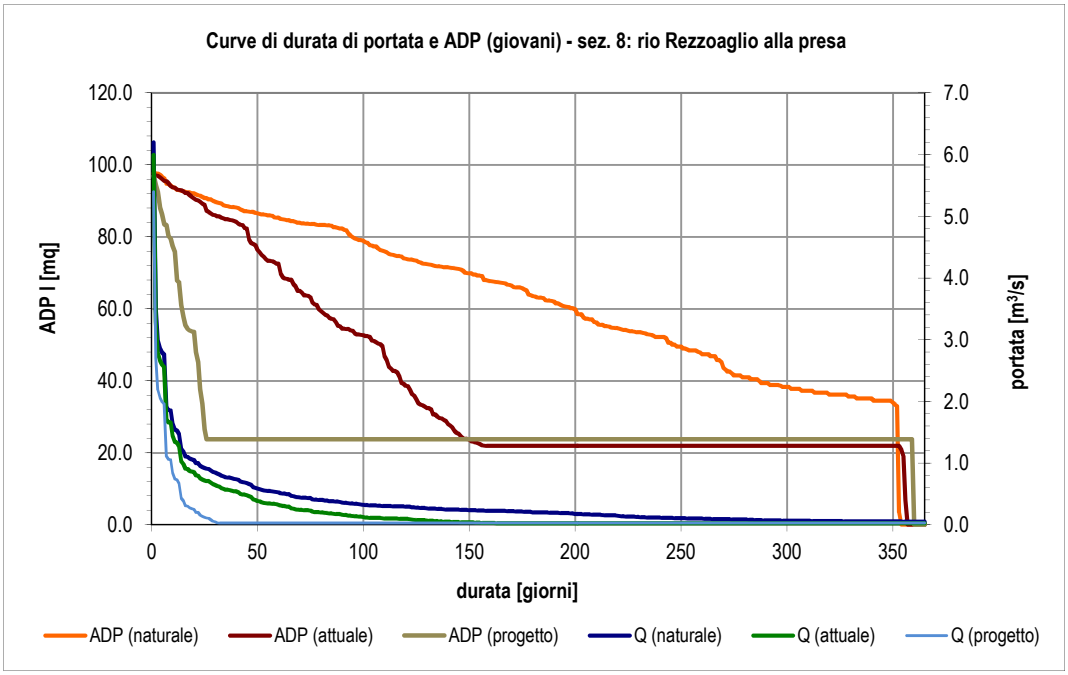

Curve di durata di portata e ADP - rio Rezzoaglio alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

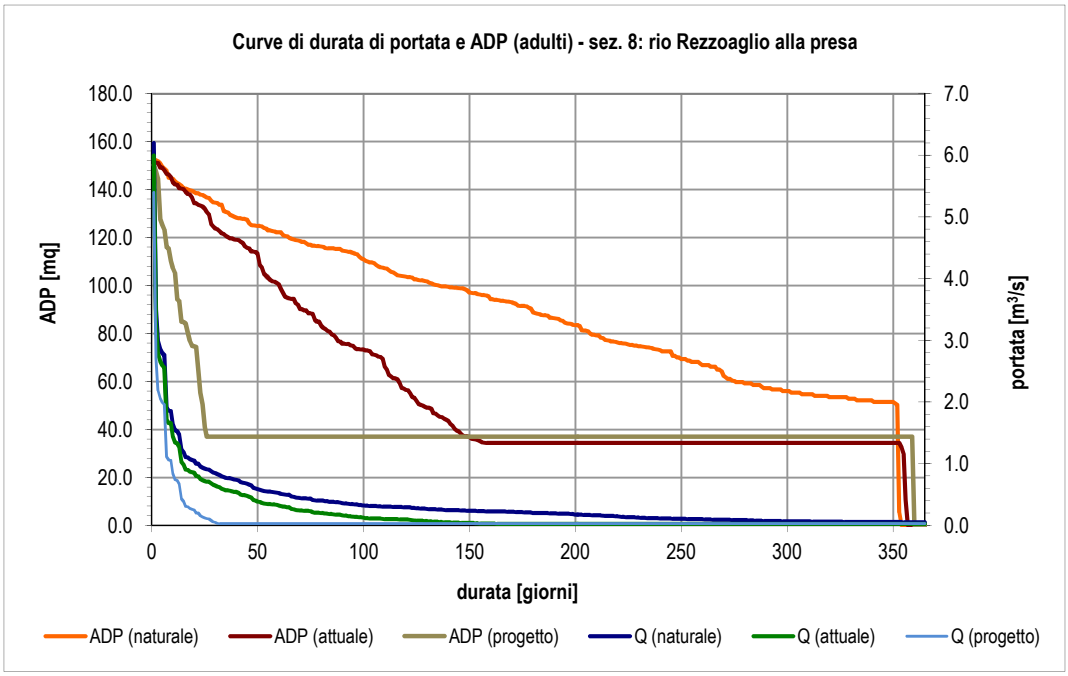

Idrogrammi portata e ADP - rio Rezzoaglio alla presa
ADP (vairone giovane)
Q a.medio (progetto)
ADP [mq]
portata [m³/s]
120.0
100.0
80.0
60.0
40.0
20.0
0.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]


Curva di durata delle portate e ADP corrispondente - rio Rezzoaglio alla presa
ADP
Q a.medio (progetto)
ADP [mq]
portata [m³/s]
120.0
100.0
80.0
60.0
40.0
20.0
0.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]


Curve di durata di portata e ADP - rio Rezzoaglio alla presa
ADP
Q a.medio (progetto)
ADP [mq]
portata [m³/s]
120.0
100.0
80.0
60.0
40.0
20.0
0.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
200
250
300
350
durata [giorni]

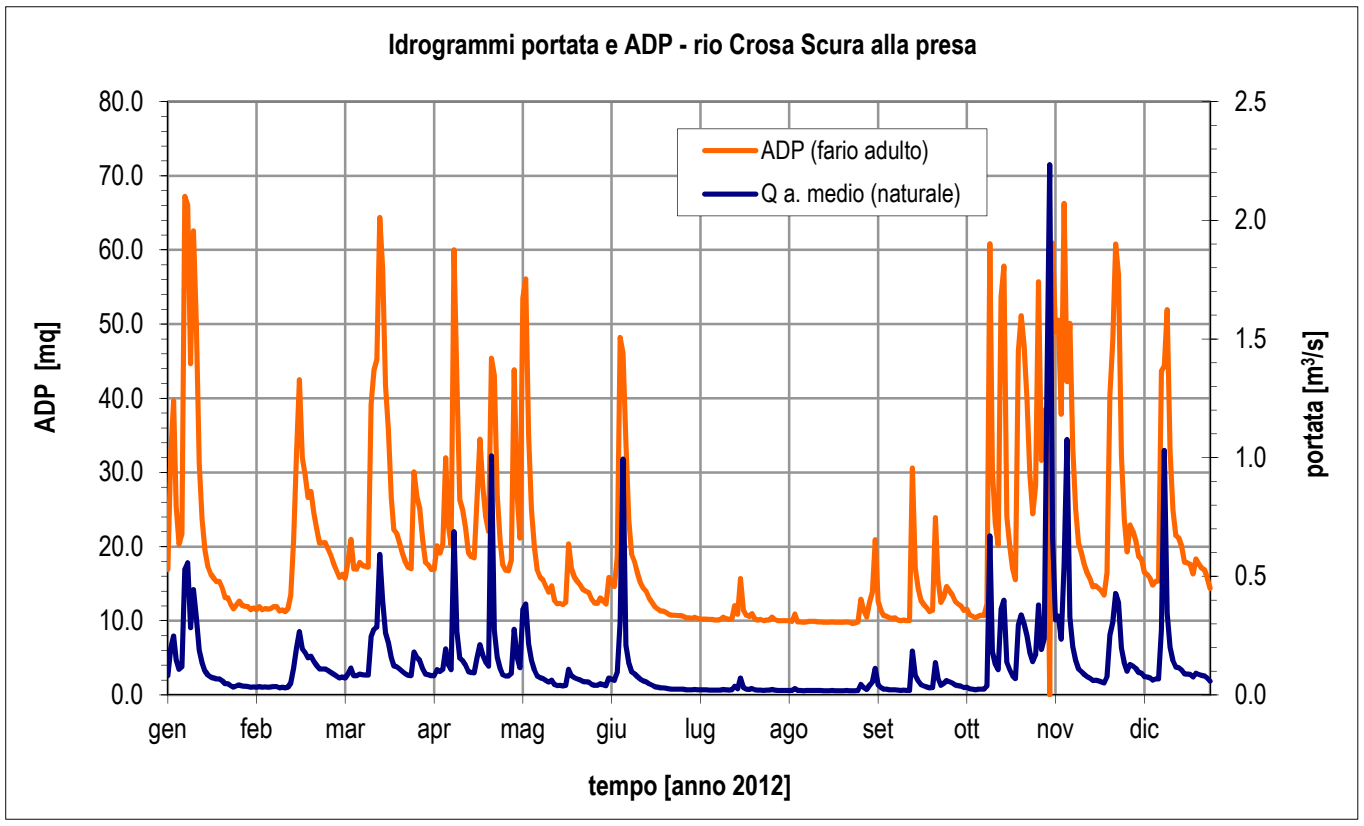
Confronto tra curve di durata Q e ADP (Vairone) per il sito di monitoraggio (S8 - Rezzoaglio)

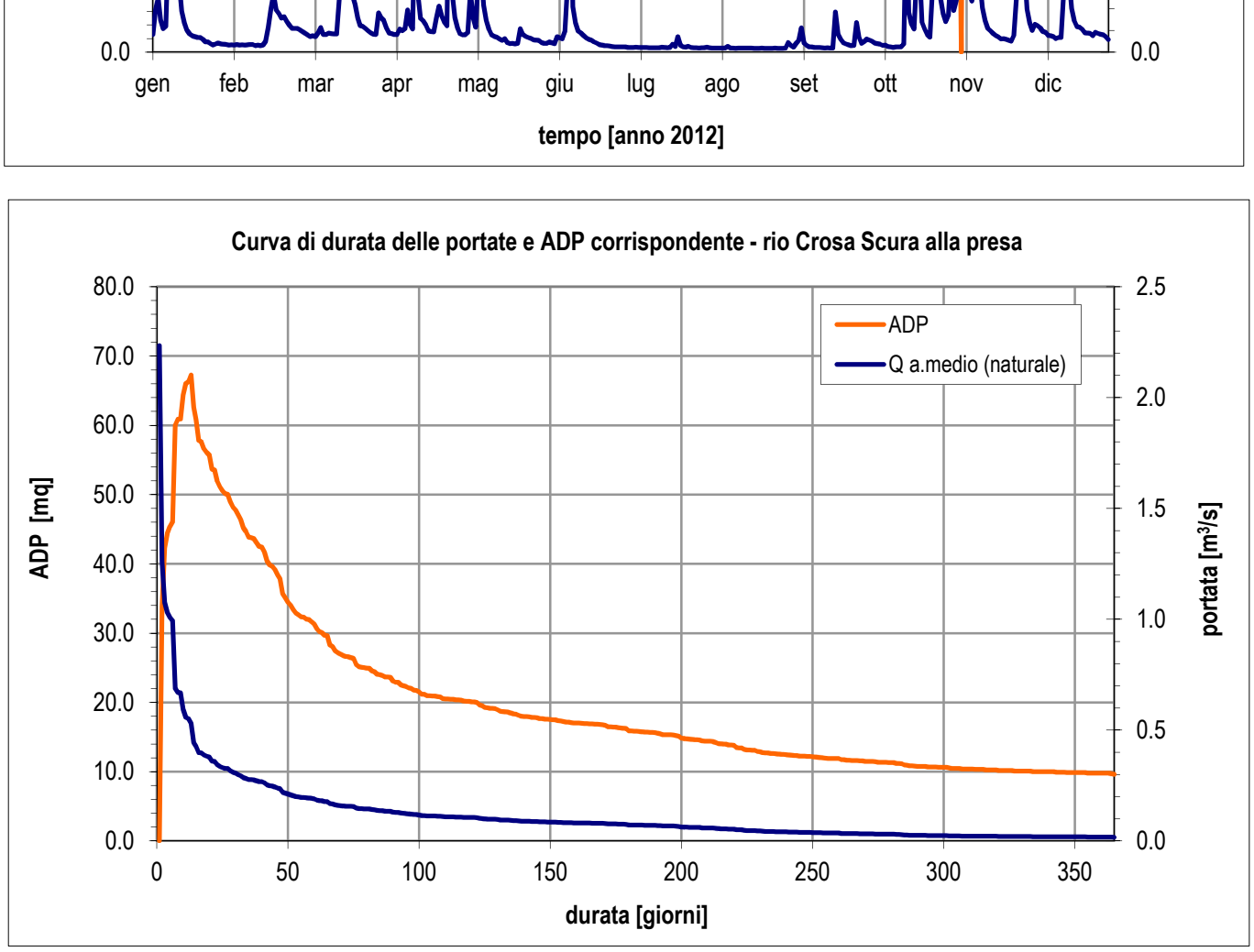


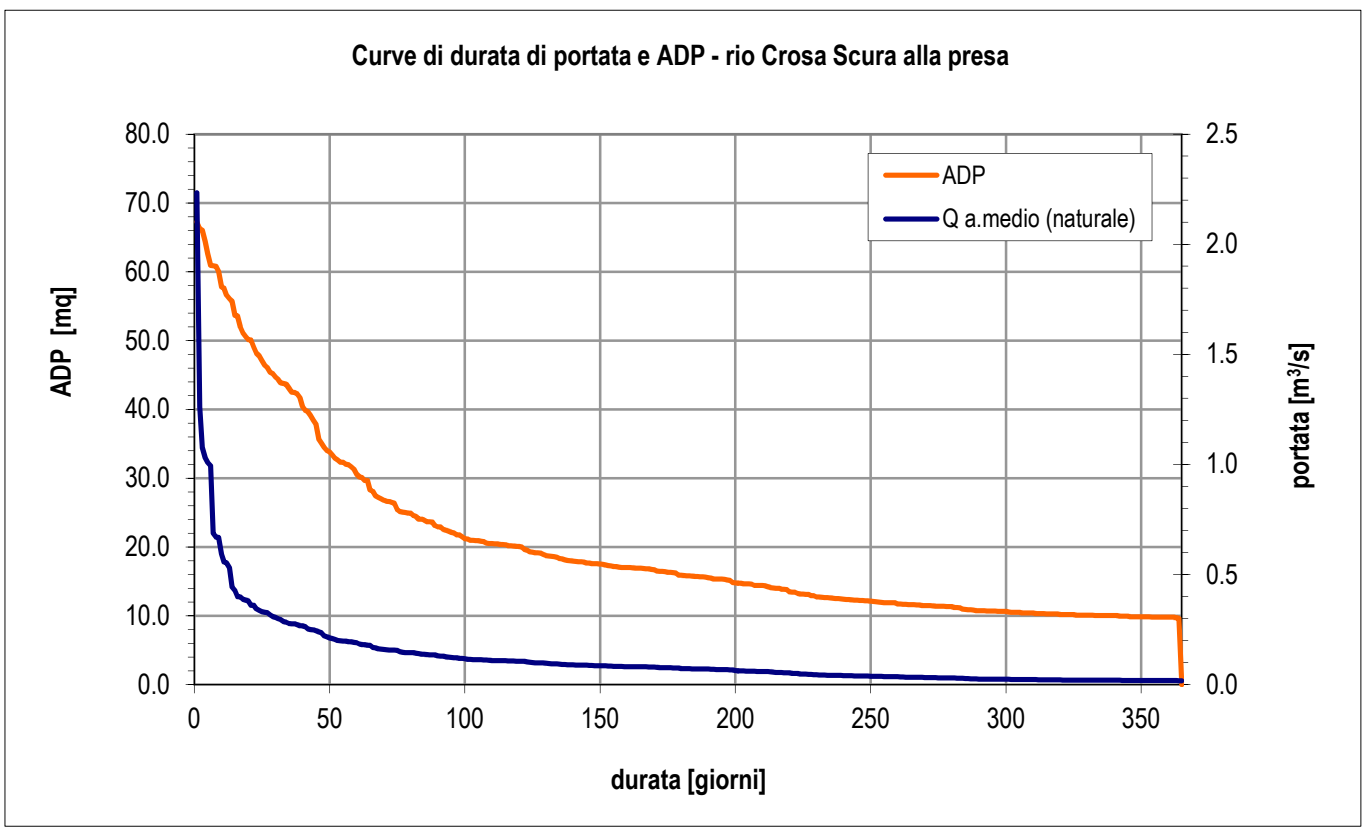


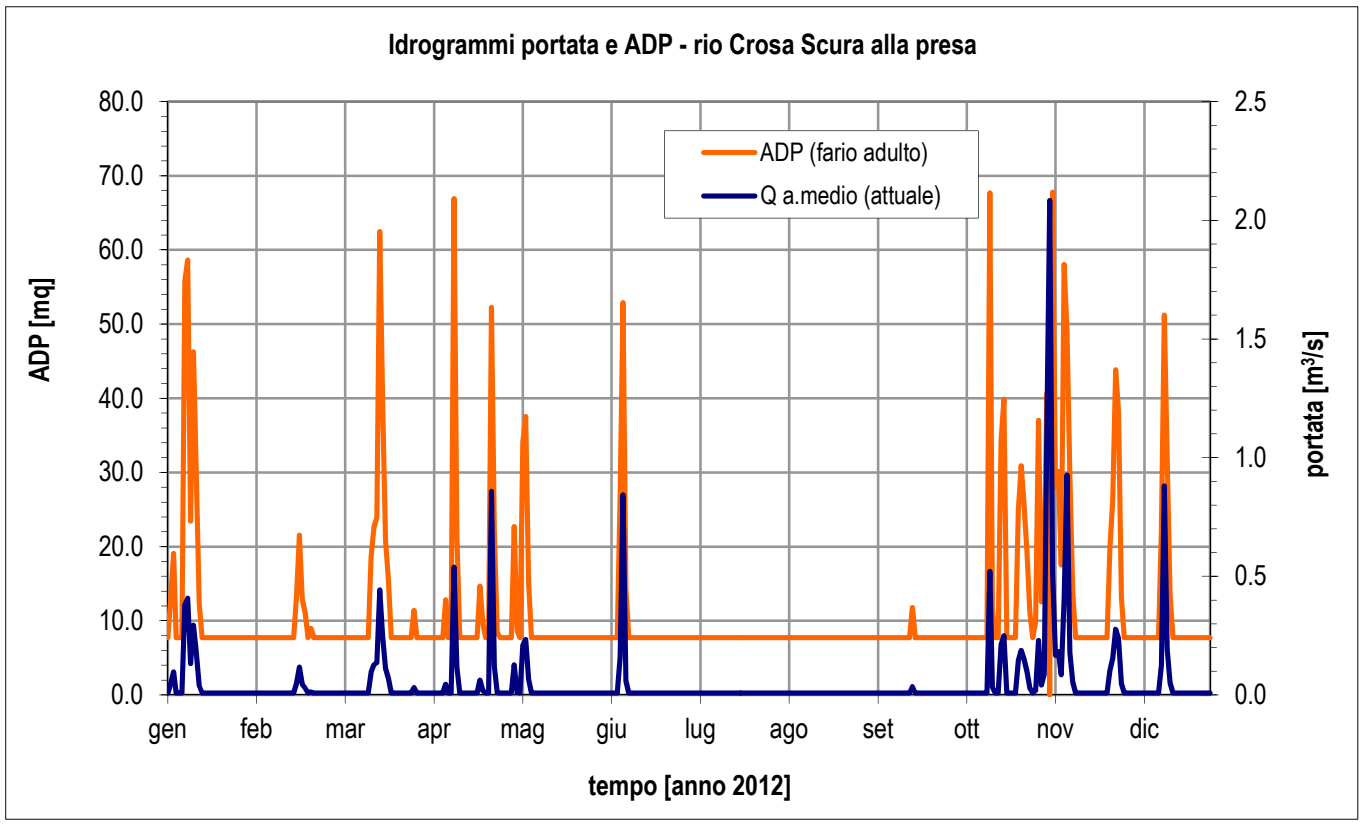
ALLEGATO 2 – Andamenti giornalieri e curve di durata delle ADP (Aree Disponibili Ponderate – m^2) negli scenari naturale, attuale e di progetto.

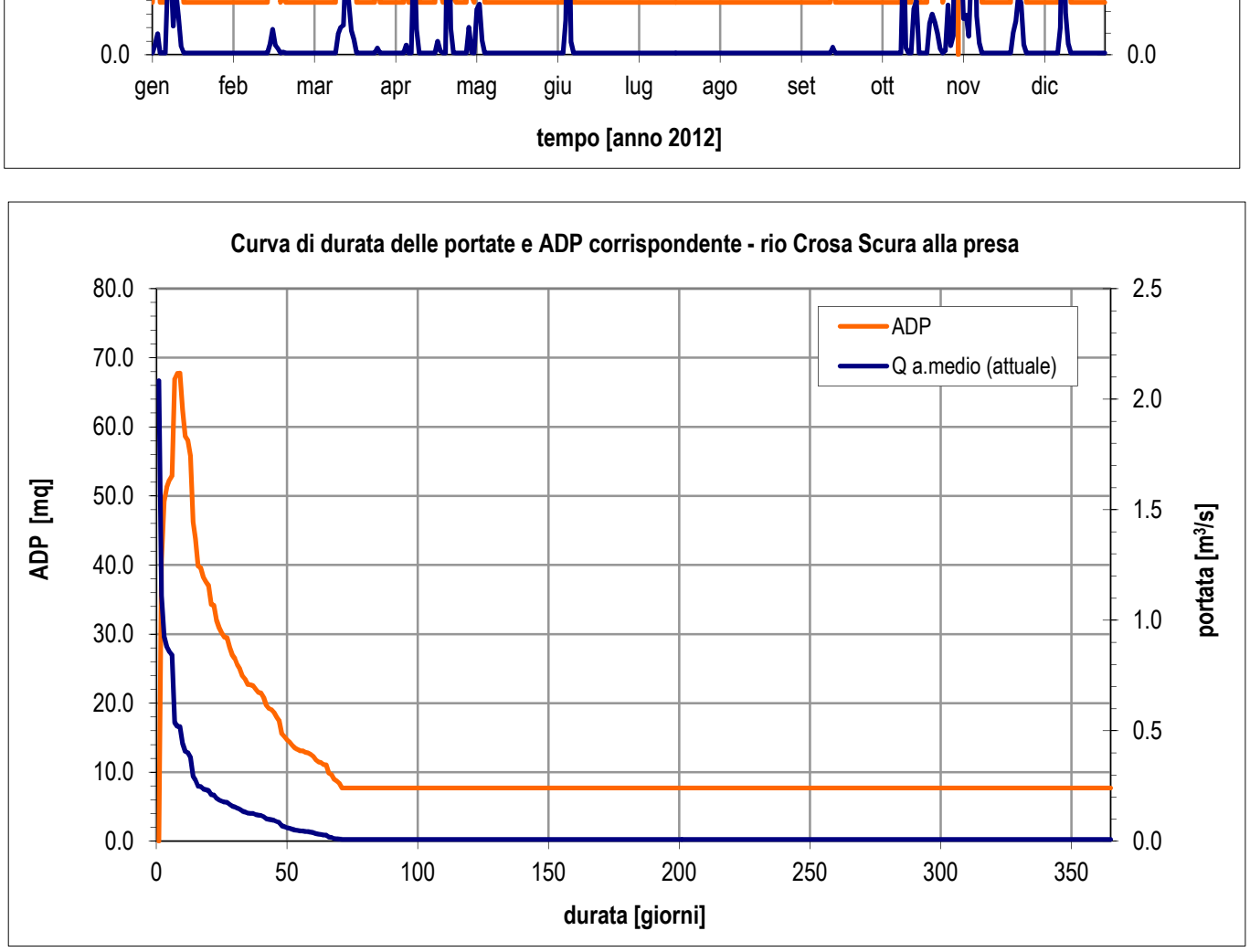
2.5 Crosa Scura 11

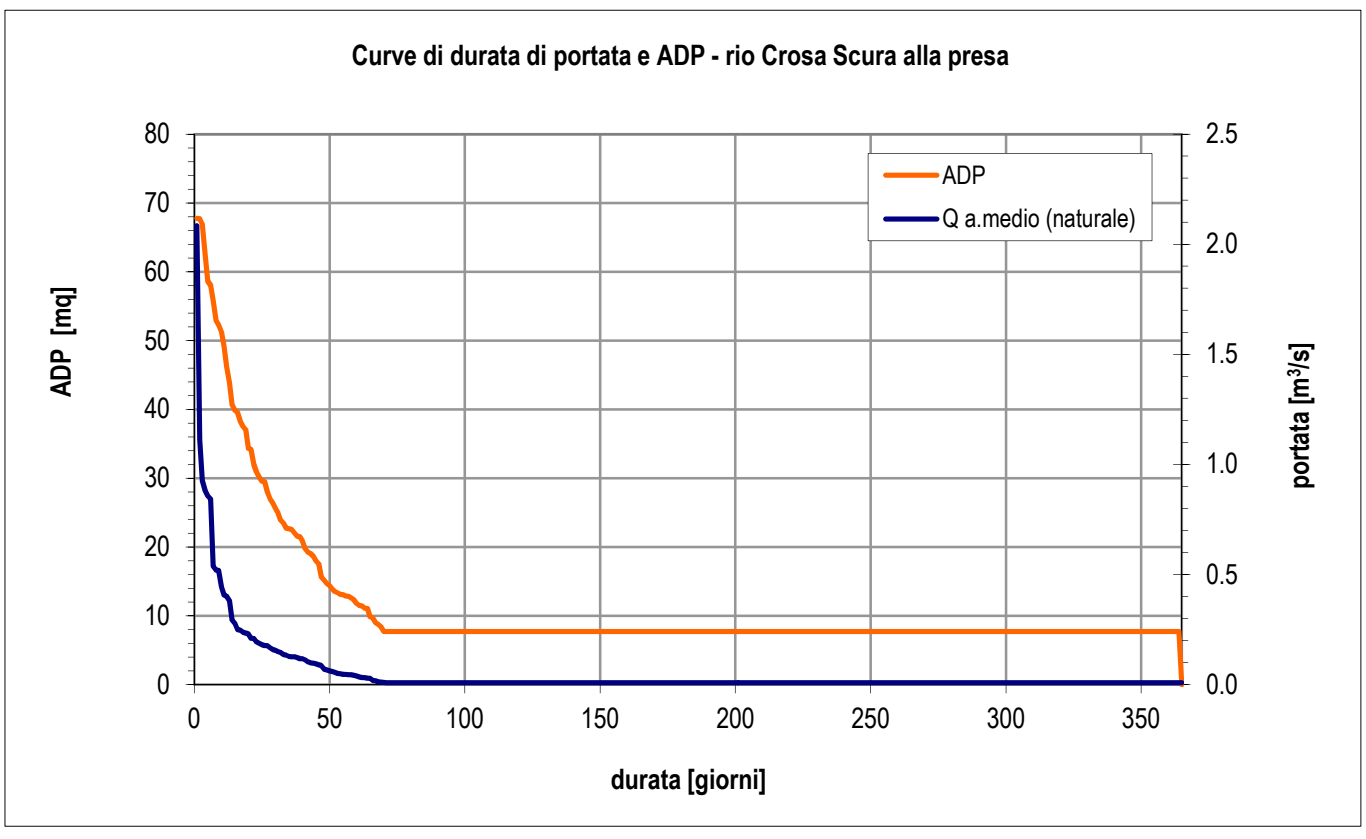

Idrogrammi portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP (fario adulto)
Q a. medio (naturale)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
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giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

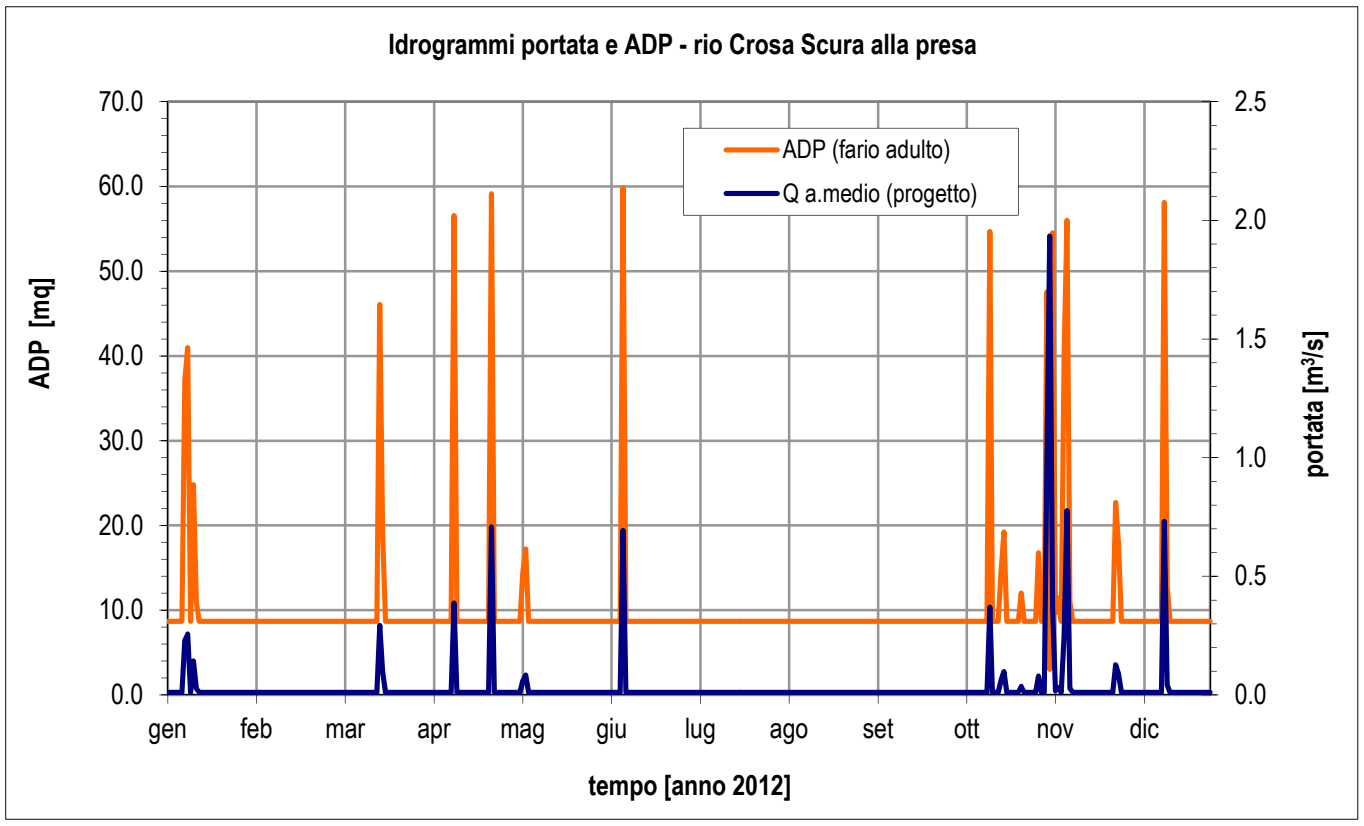

Curva di durata delle portate e ADP corrispondente - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

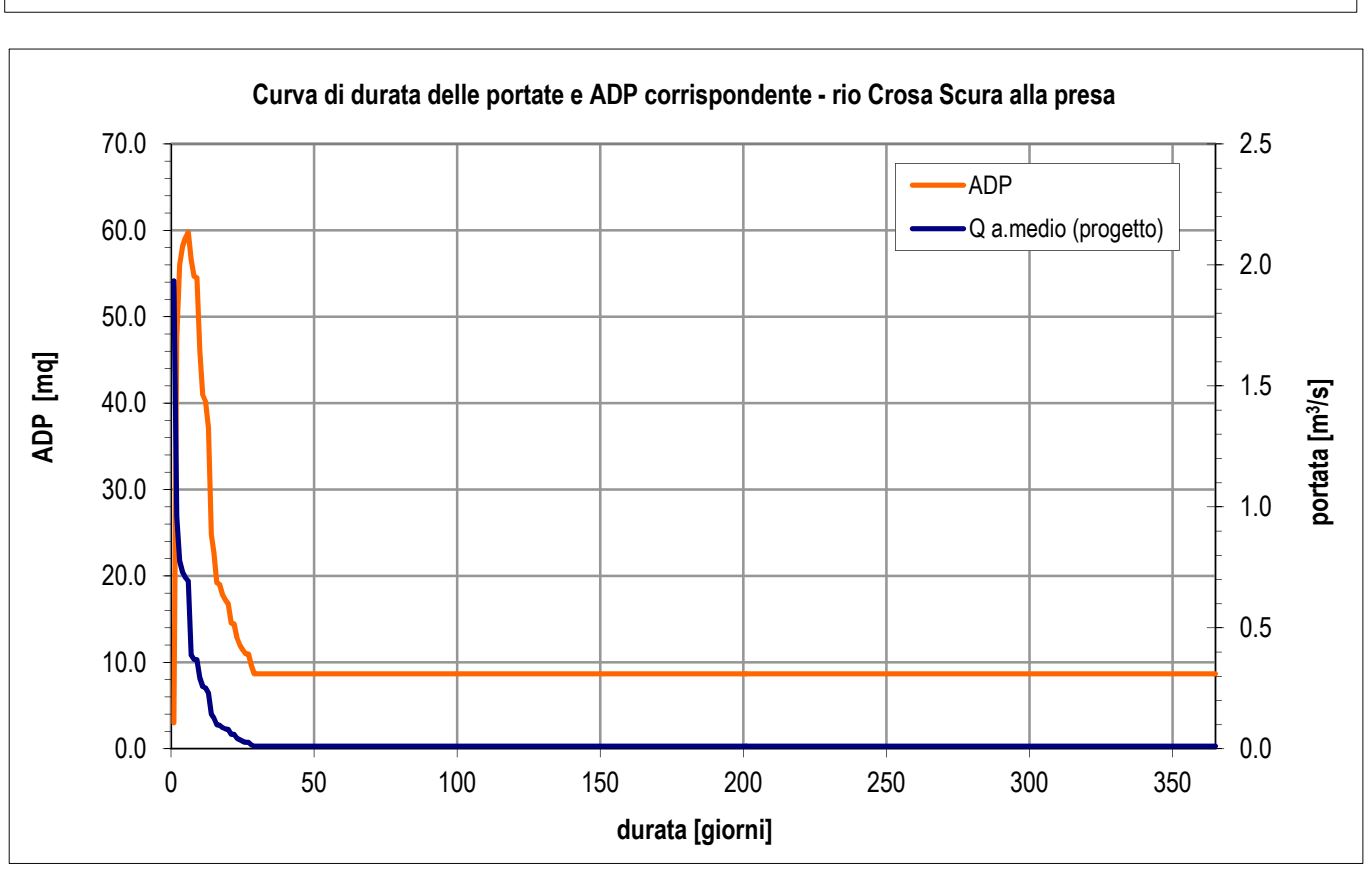

Curve di durata di portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

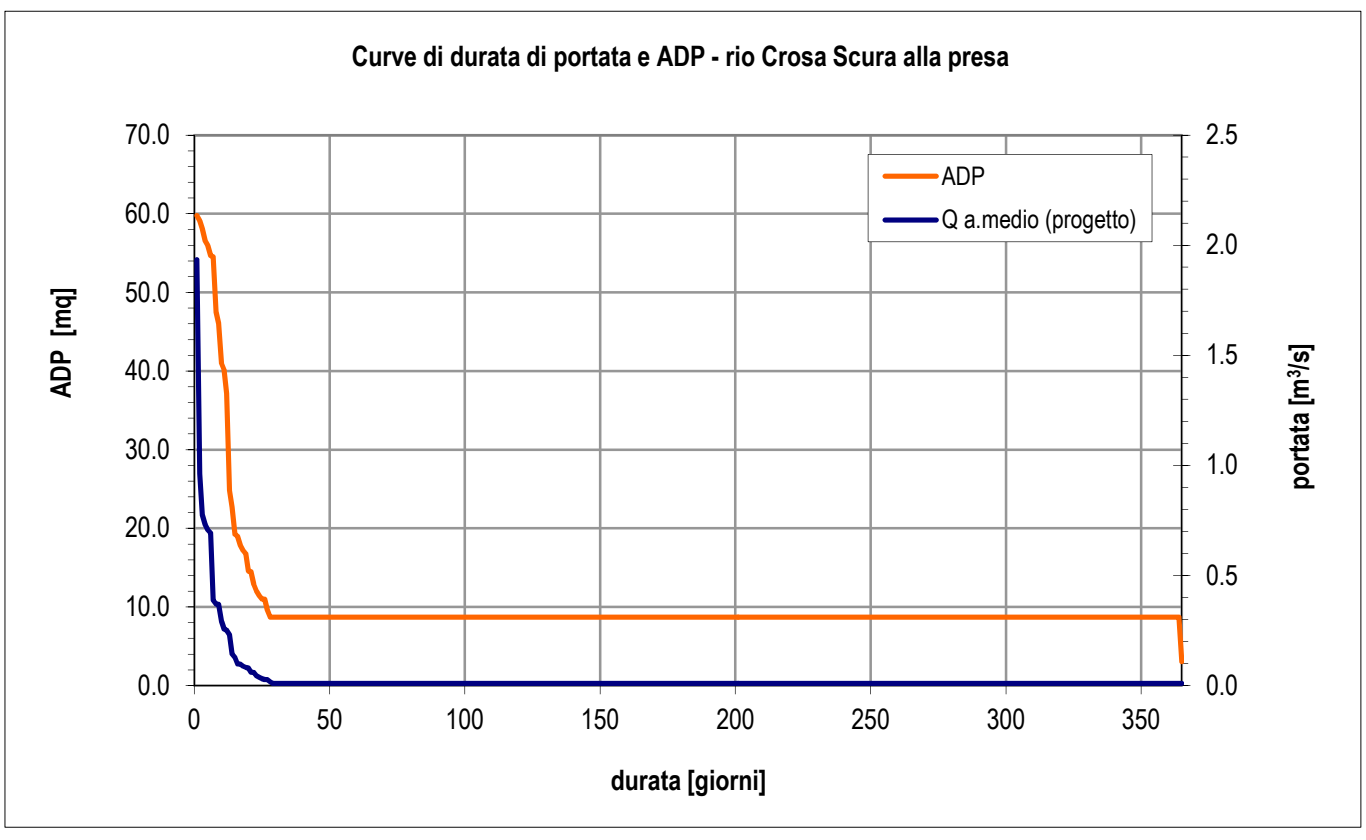

Idrogrammi portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP (fario adulto)
Q a.medio (attuale)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

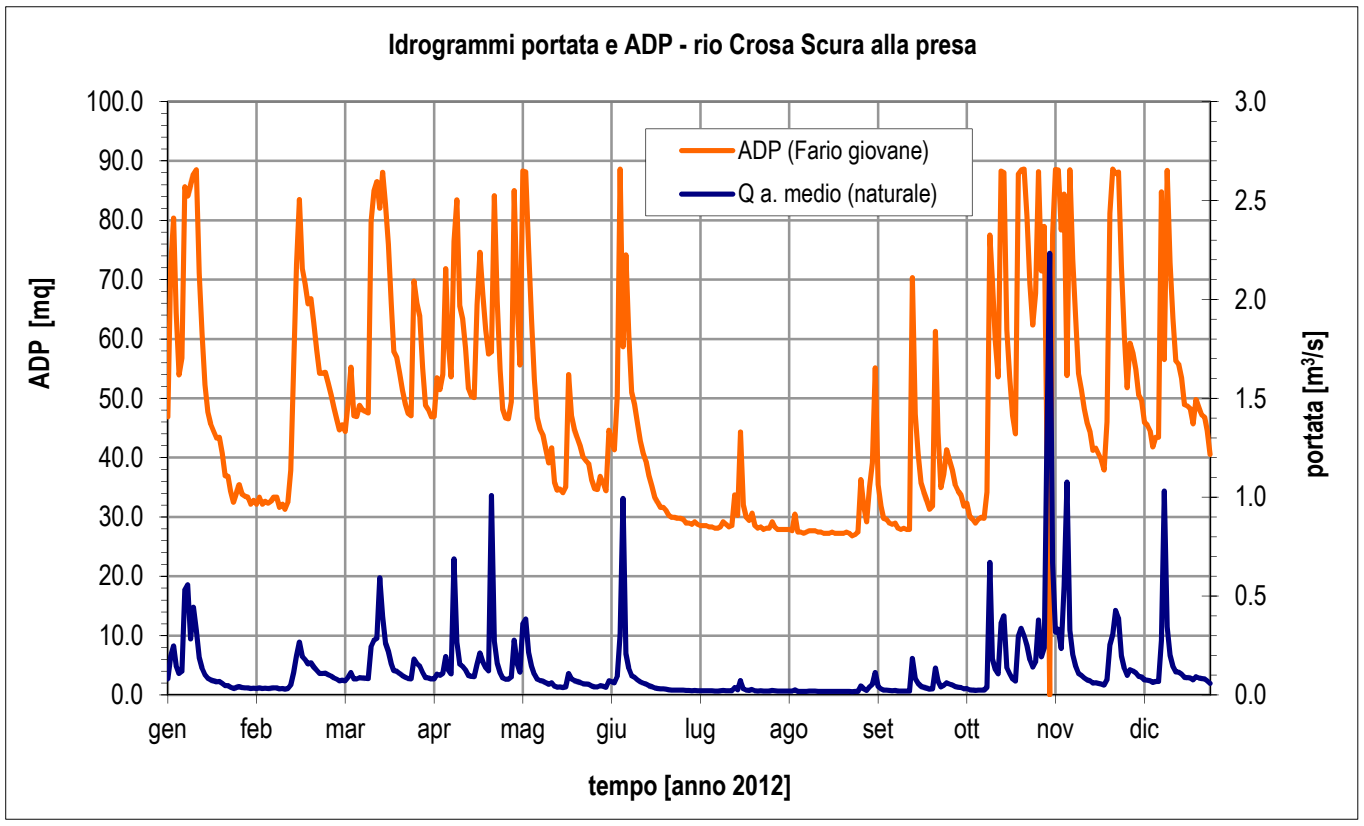

Curva di durata delle portate e ADP corrispondente - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

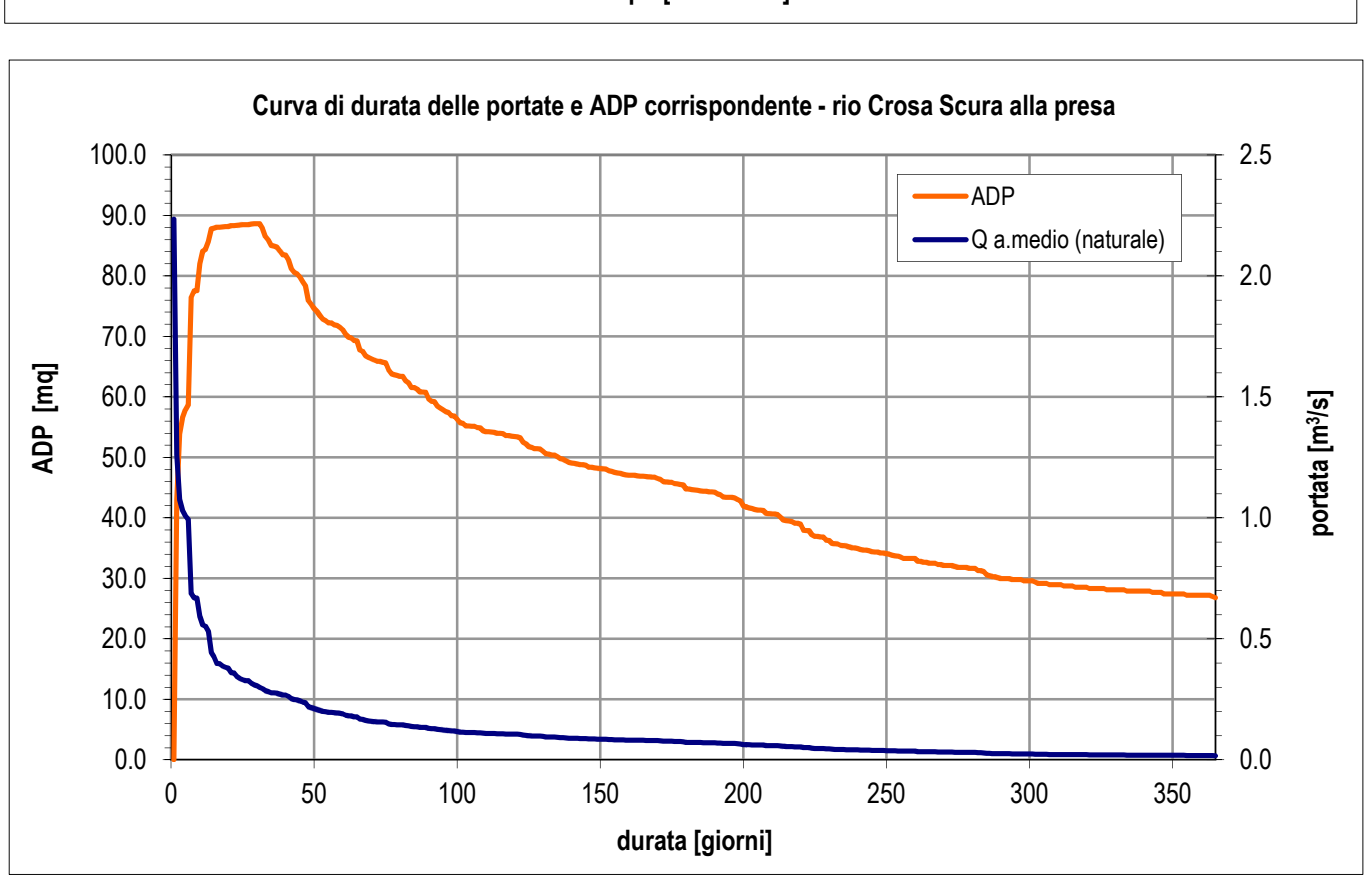

Curve di durata di portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
80
70
60
50
40
30
20
10
0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

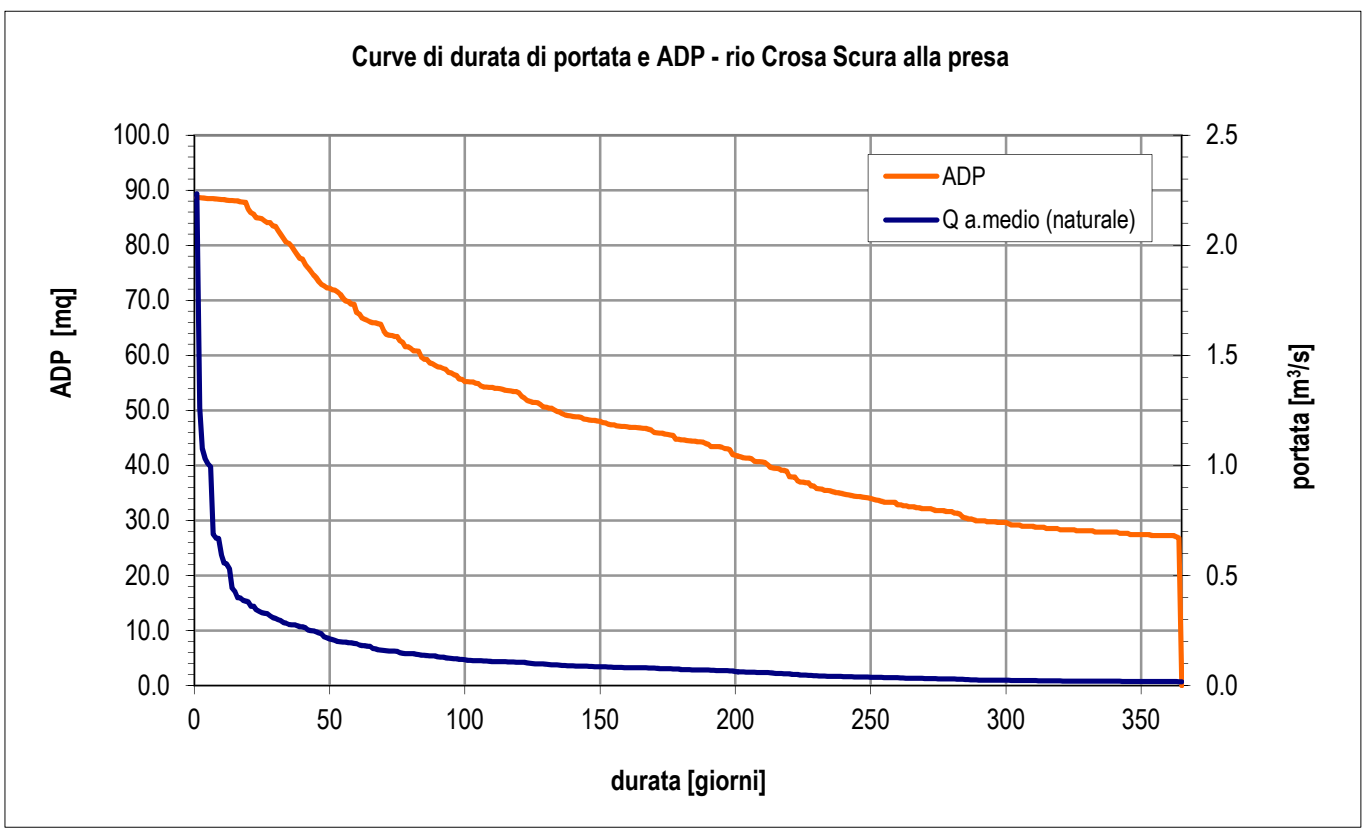

Idrogrammi portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP (fario adulto)
Q a.medio (progetto)
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

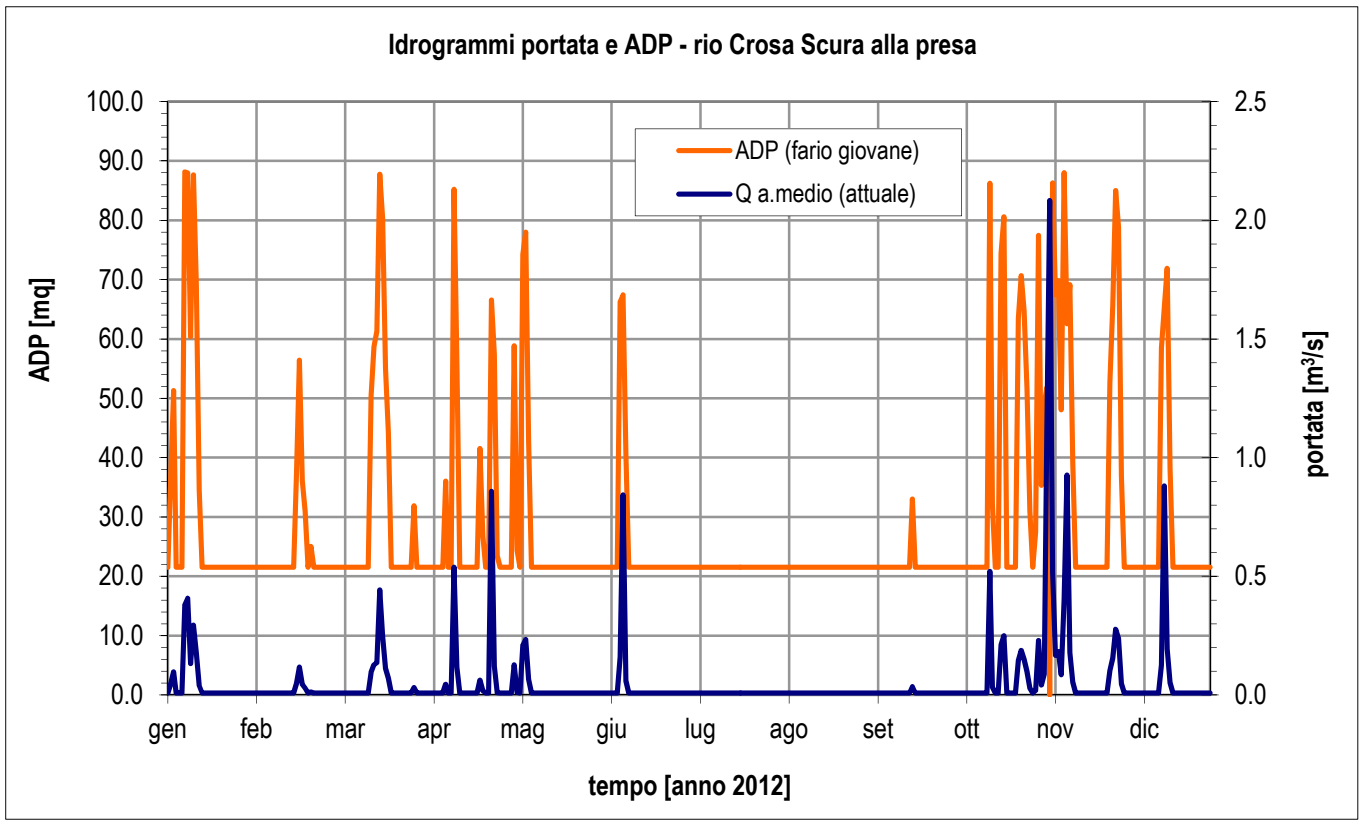

Curva di durata delle portate e ADP corrispondente - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

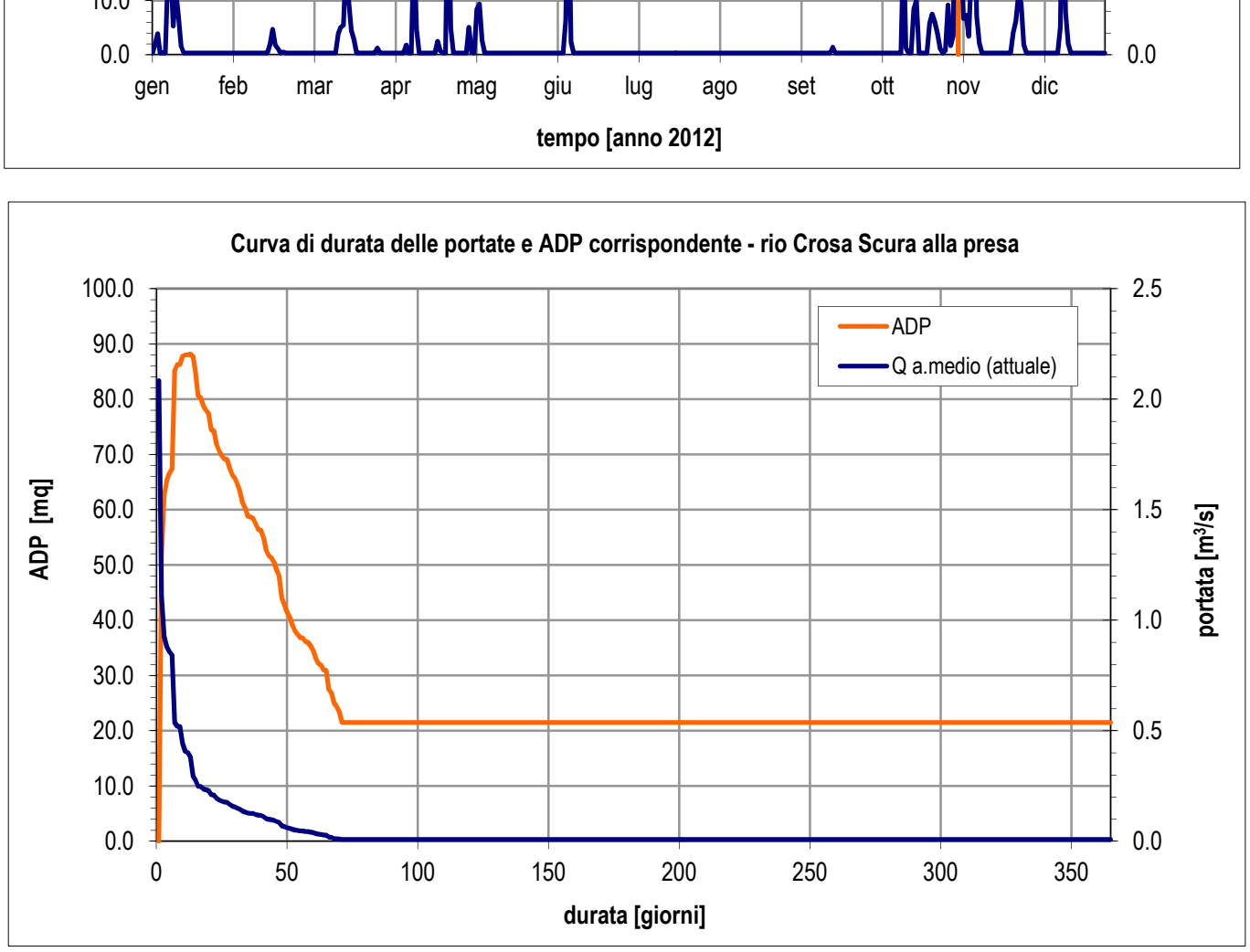

Curve di durata di portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

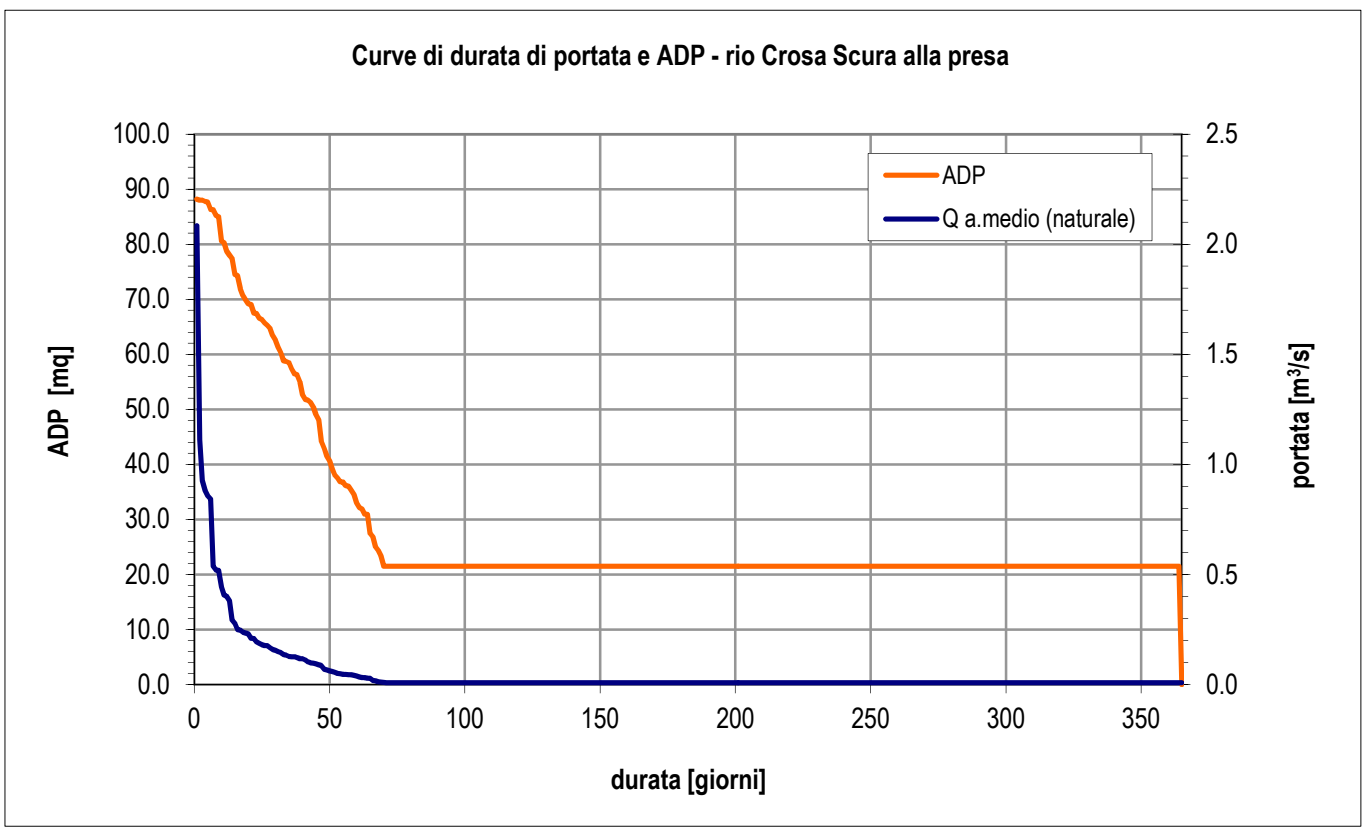

Idrogrammi portata e ADP - rio Crosa Scura alla presa
ADP (Fario giovane)
Q a. medio (naturale)
ADP [mq]
portata [m³/s]
tempo [anno 2012]
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic

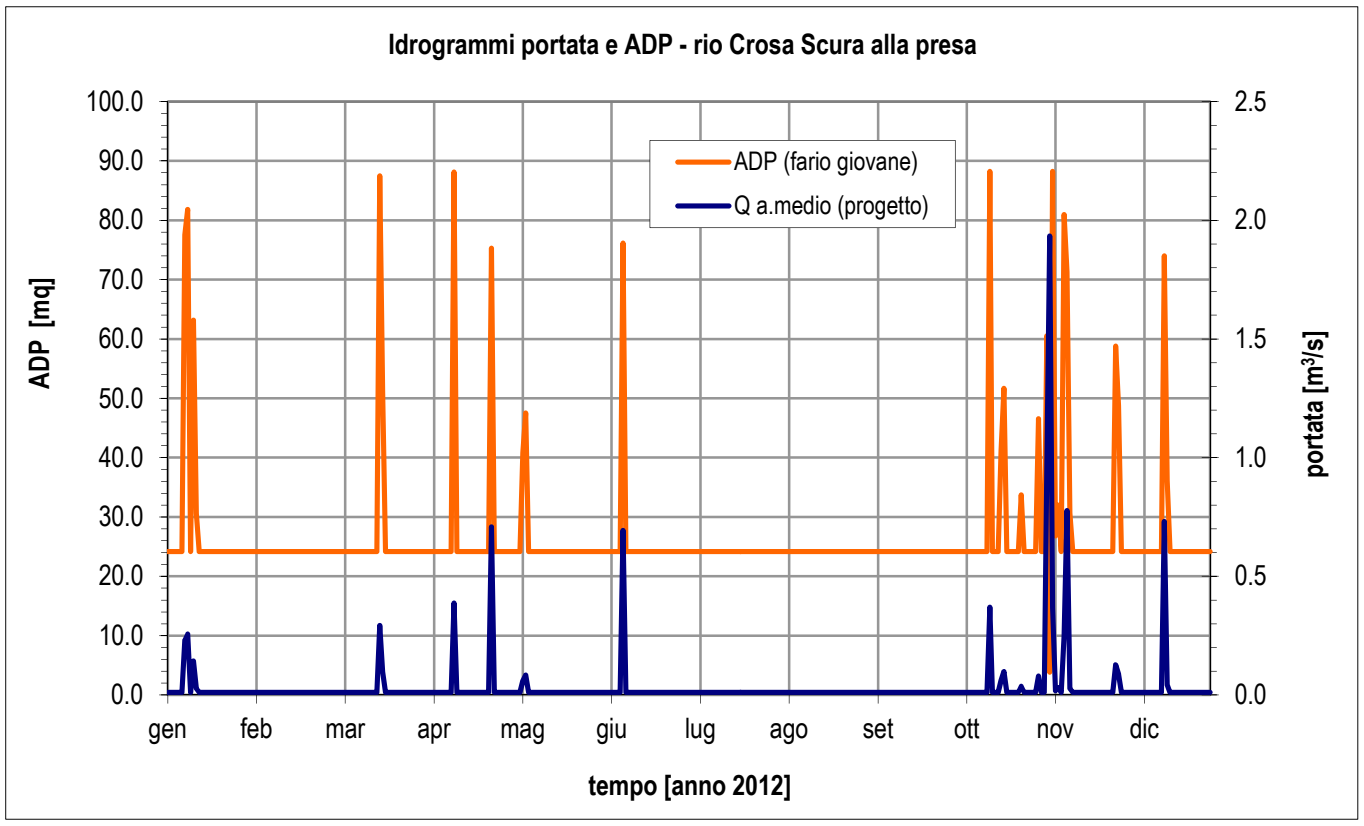

Curva di durata delle portate e ADP corrispondente - rio Crosa Scura alla presa
ADP
Q a.medio (naturale)
ADP [mq]
portata [m³/s]
durata [giorni]

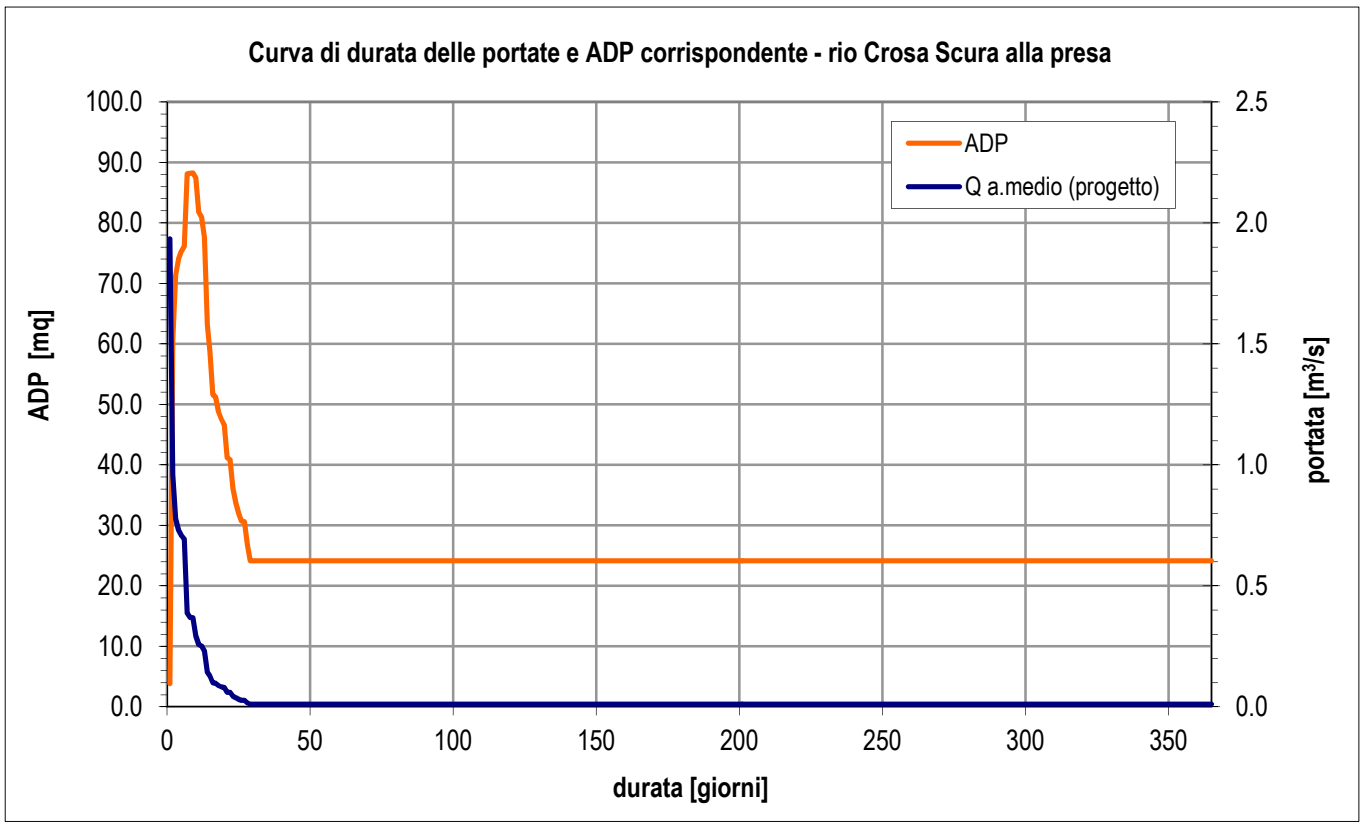

Curve di durata di portata e ADP - rio Crosa Scura alla presa
ADP
Q a.medio (naturale)
ADP [mq]
portata [m³/s]
durata [giorni]

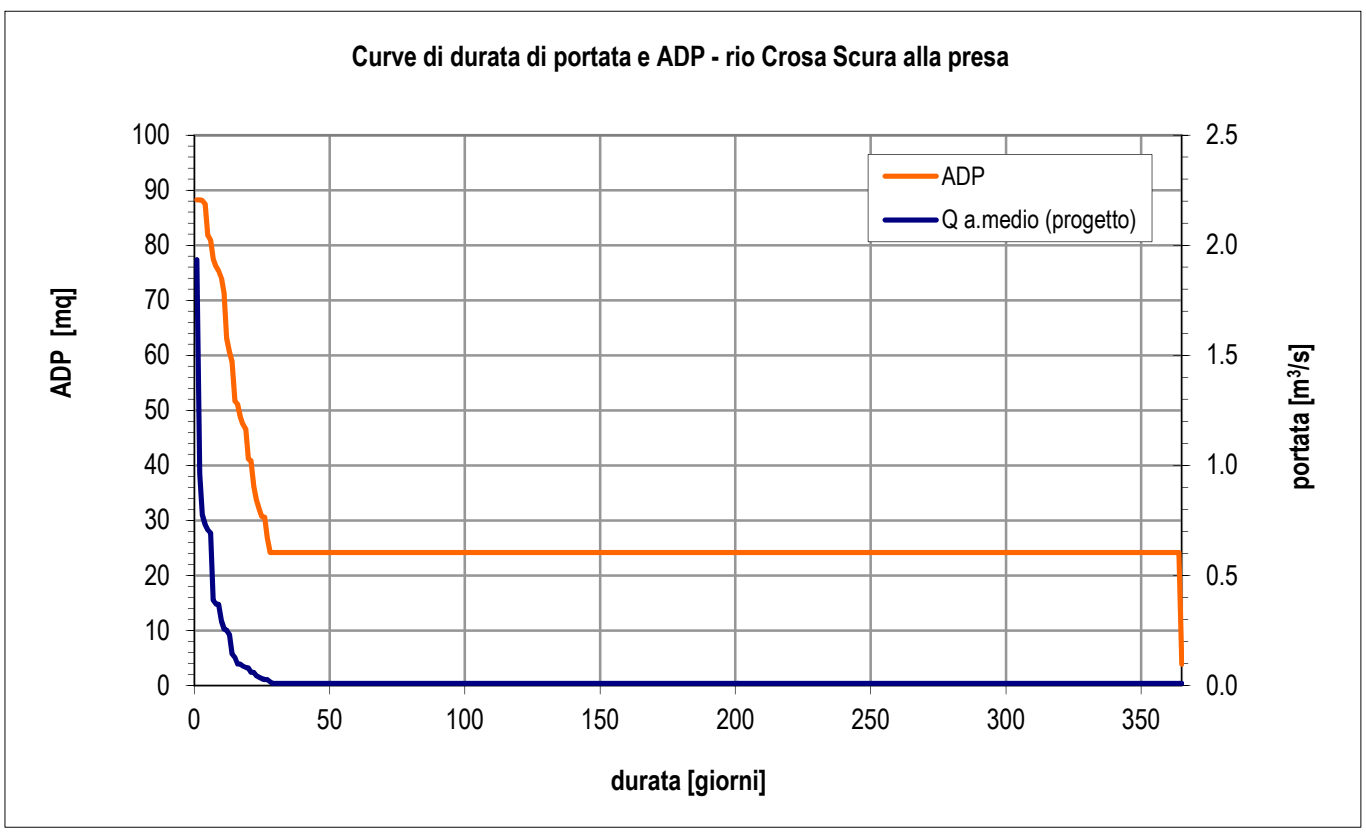

Idrogrammi portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP (fario giovane)
Q a.medio (attuale)
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

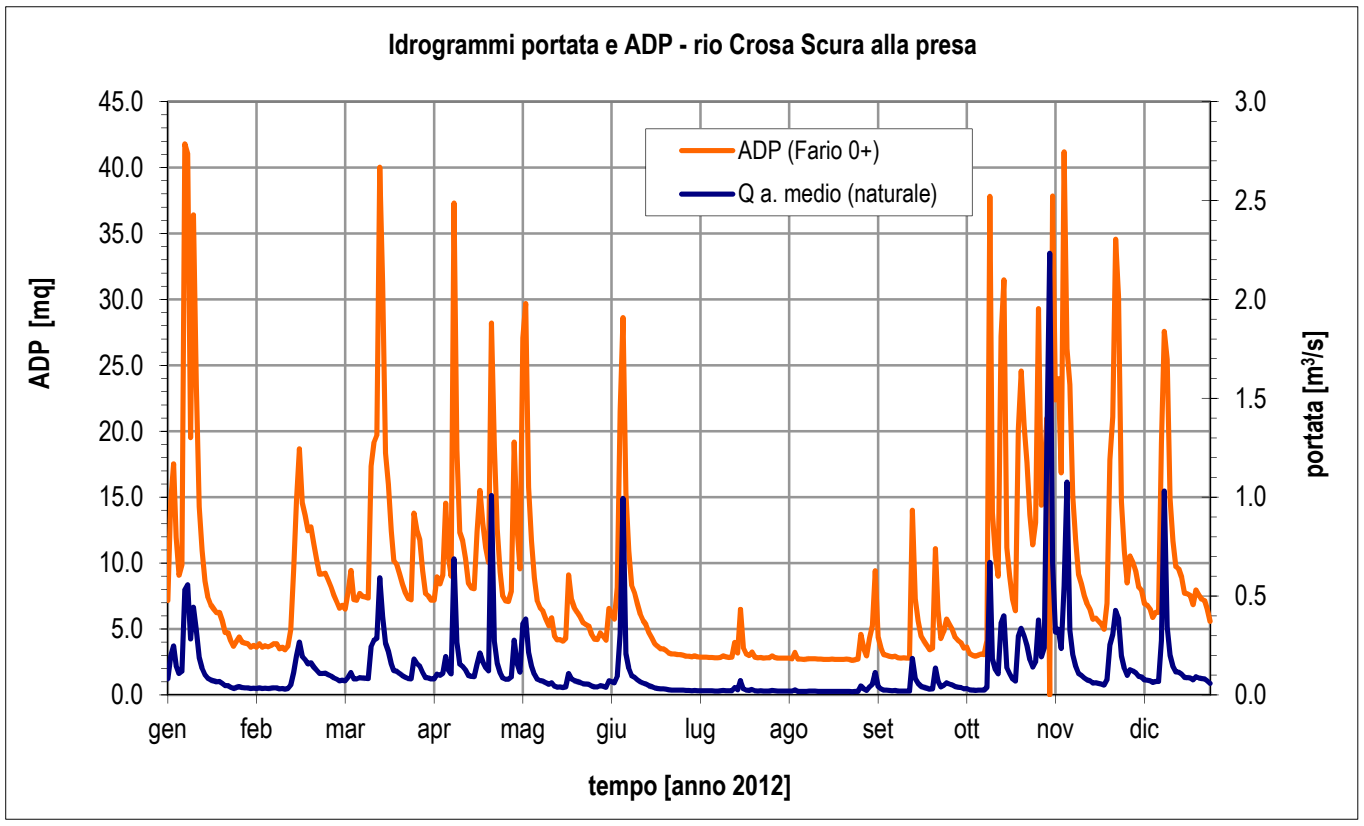

Curva di durata delle portate e ADP corrispondente - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

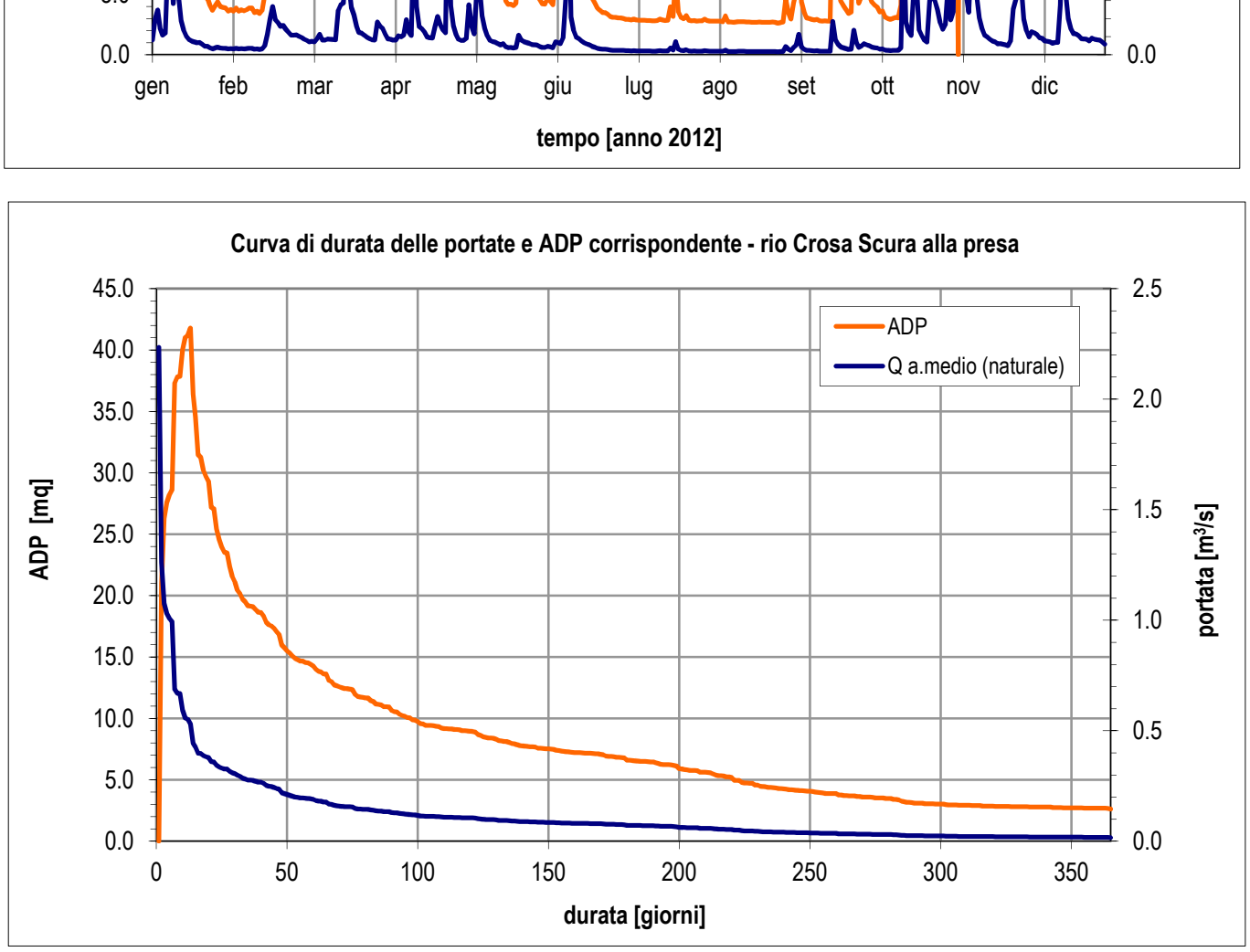

Curve di durata di portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

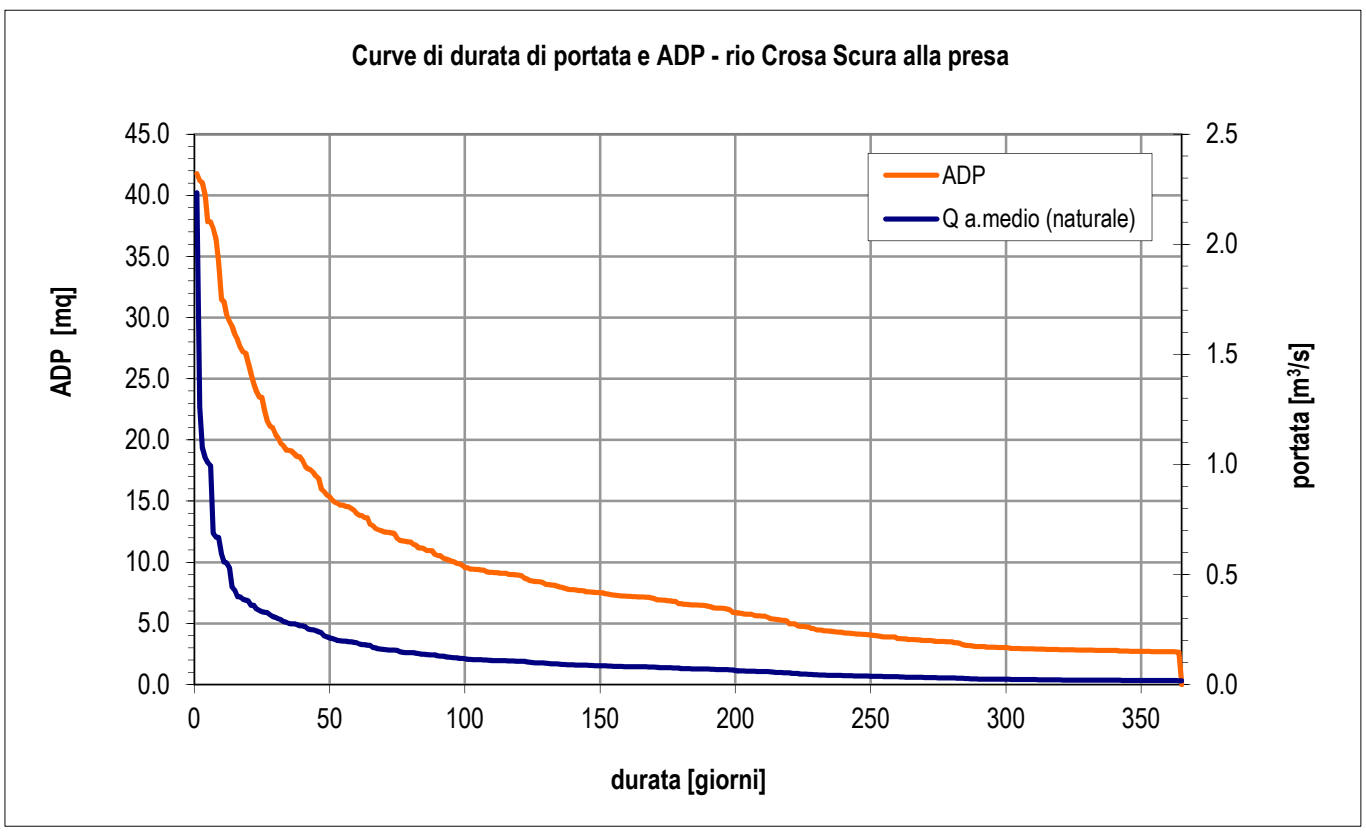

Idrogrammi portata e ADP - rio Crosa Scura alla presa
ADP (fario giovane)
Q a.medio (progetto)
ADP [mq]
portata [m³/s]
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

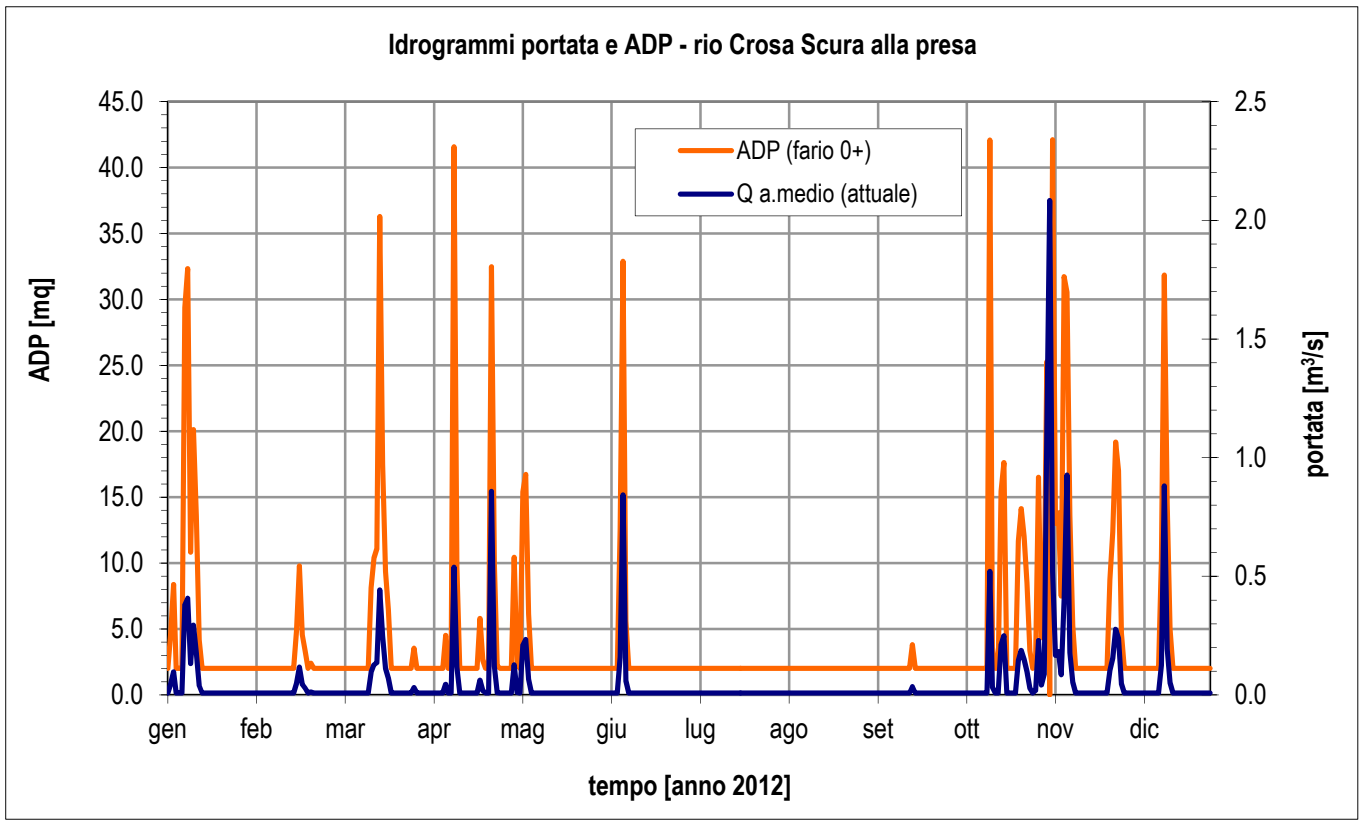

Curva di durata delle portate e ADP corrispondente - rio Crosa Scura alla presa
ADP
Q a.medio (progetto)
ADP [mq]
portata [m³/s]
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

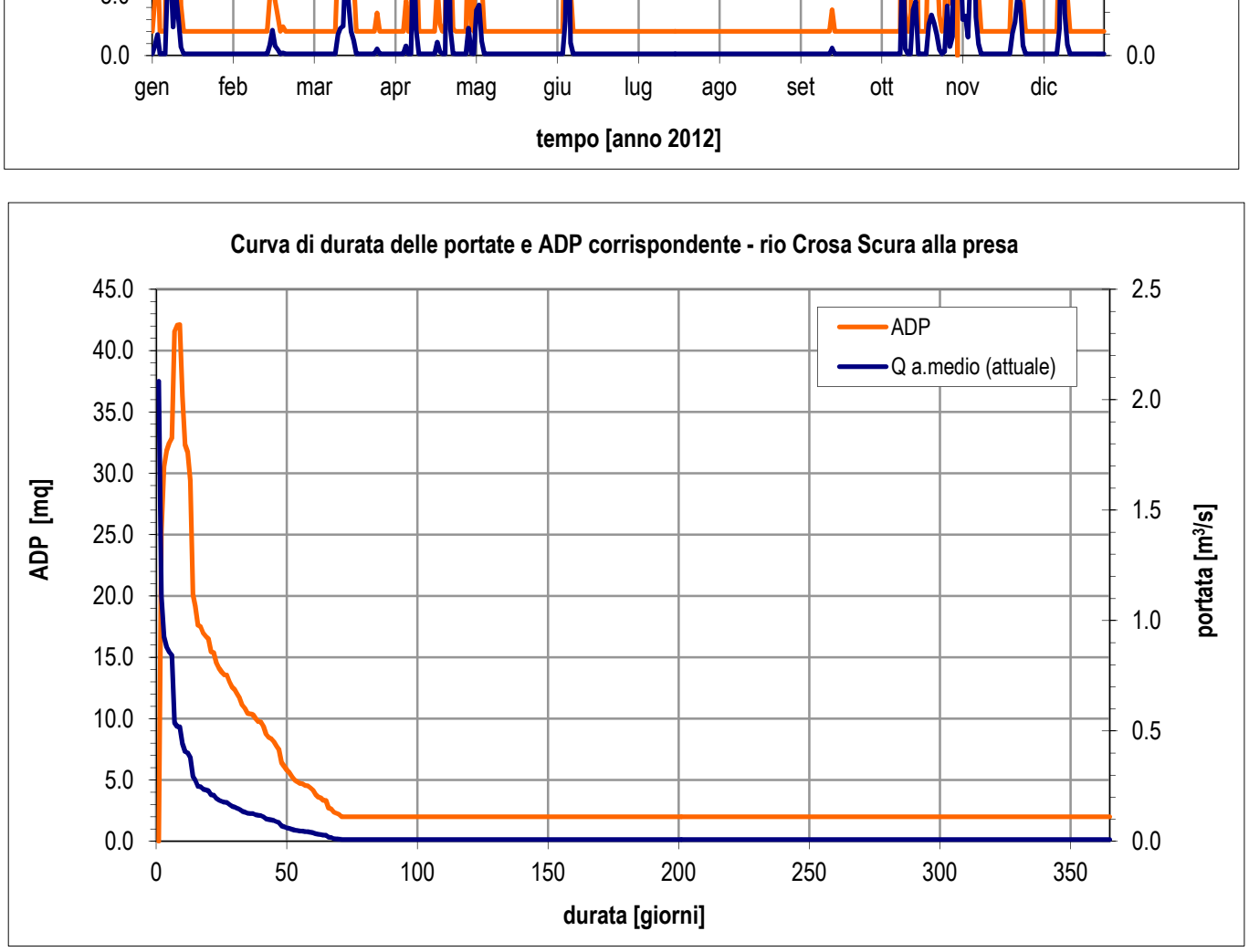

Curve di durata di portata e ADP - rio Crosa Scura alla presa
ADP
Q a.medio (progetto)
ADP [mq]
portata [m³/s]
100
90
80
70
60
50
40
30
20
10
0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

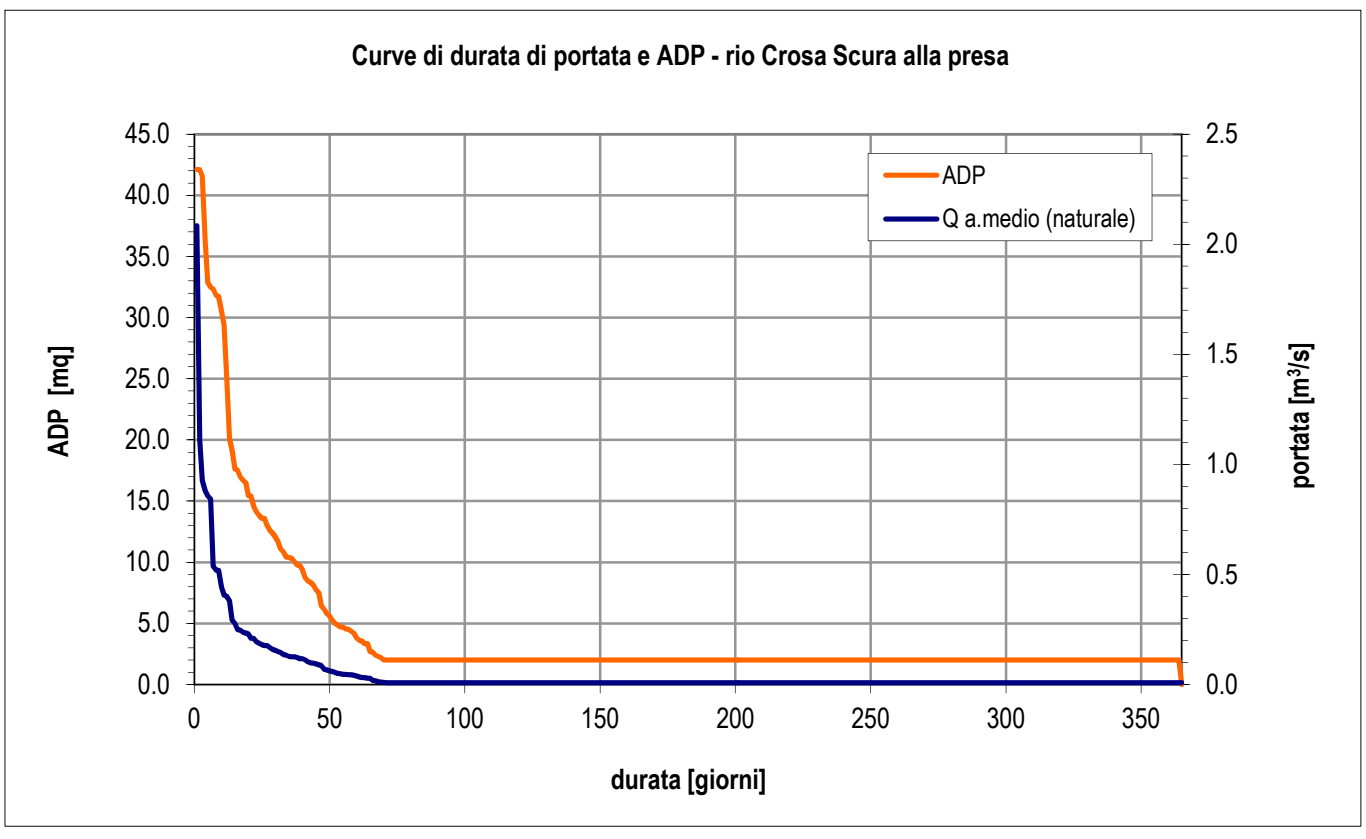

Idrogrammi portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP (Fario 0+)
Q a. medio (naturale)
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
3.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

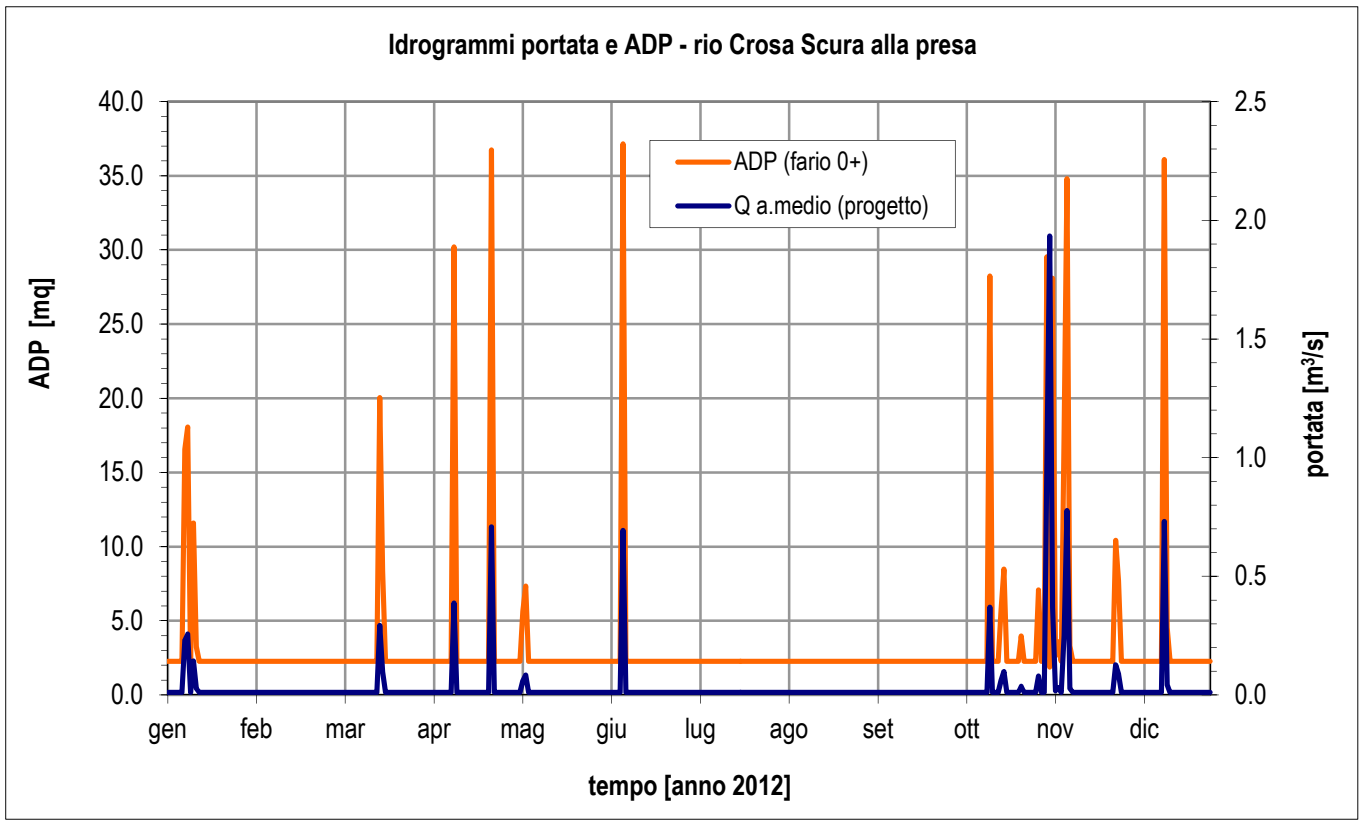

Curva di durata delle portate e ADP corrispondente - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

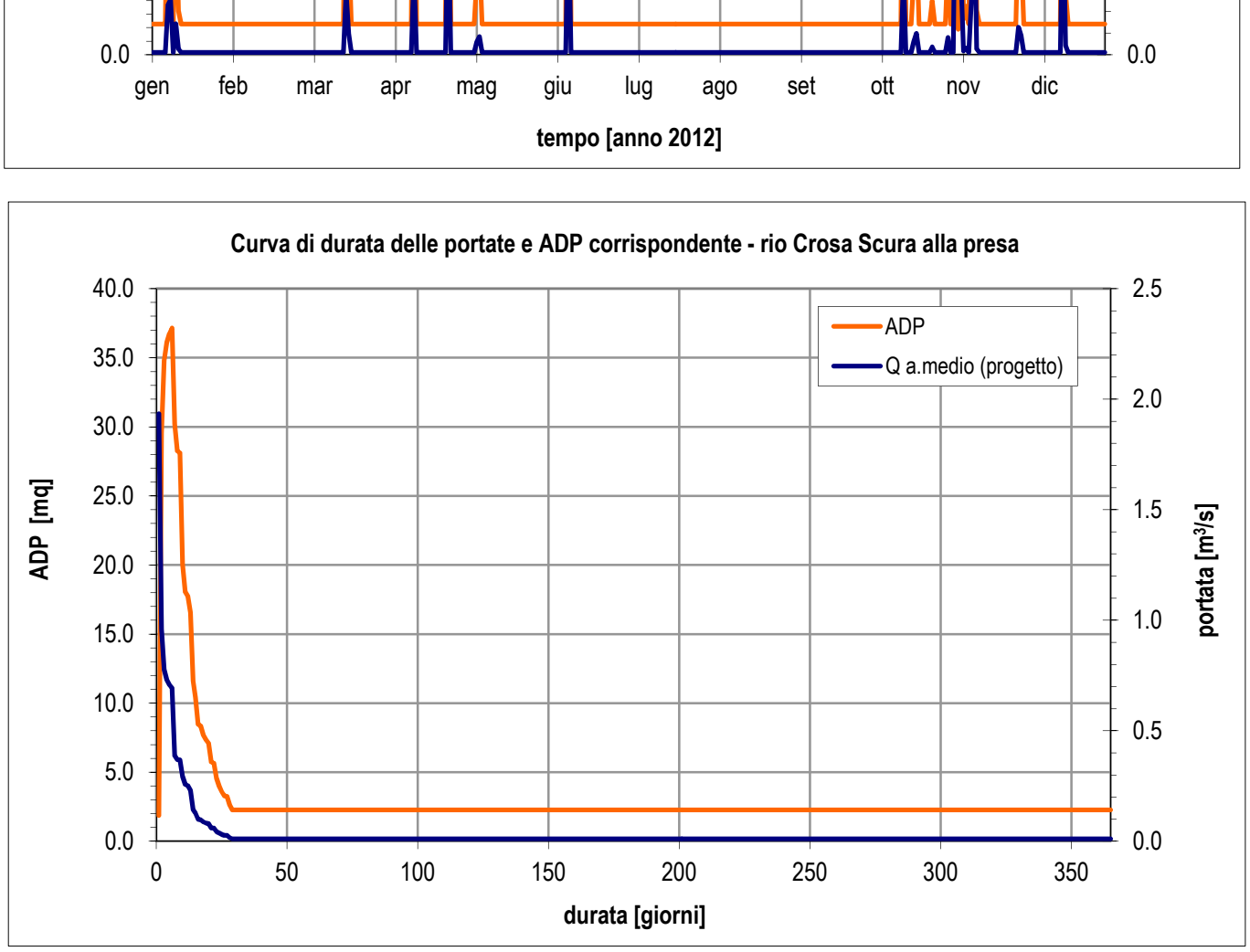

Curve di durata di portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

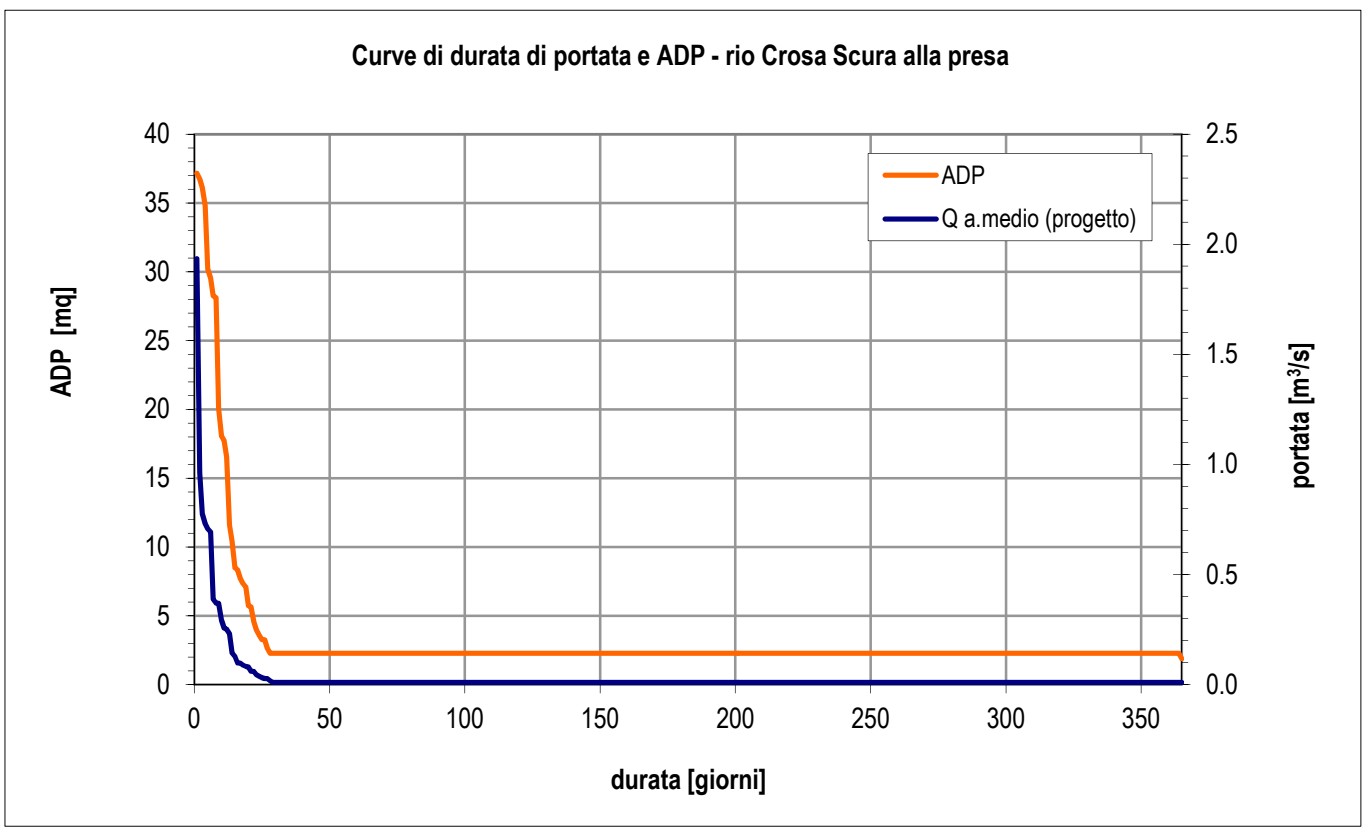

Idrogrammi portata e ADP - rio Crosa Scura alla presa
ADP (fario 0+)
Q a.medio (attuale)
ADP [mq]
portata [m³/s]
tempo [anno 2012]
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic


Curva di durata delle portate e ADP corrispondente - rio Crosa Scura alla presa
ADP
Q a.medio (attuale)
ADP [mq]
portata [m³/s]
durata [giorni]

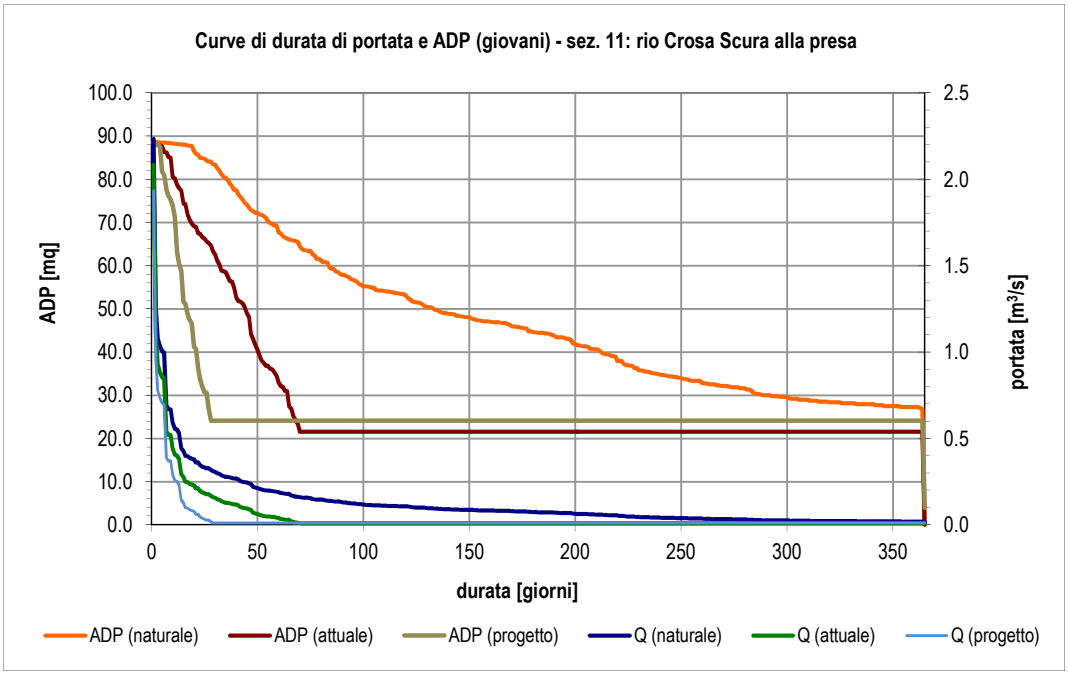

Curve di durata di portata e ADP - rio Crosa Scura alla presa
ADP
Q a.medio (naturale)
ADP [mq]
portata [m³/s]
durata [giorni]

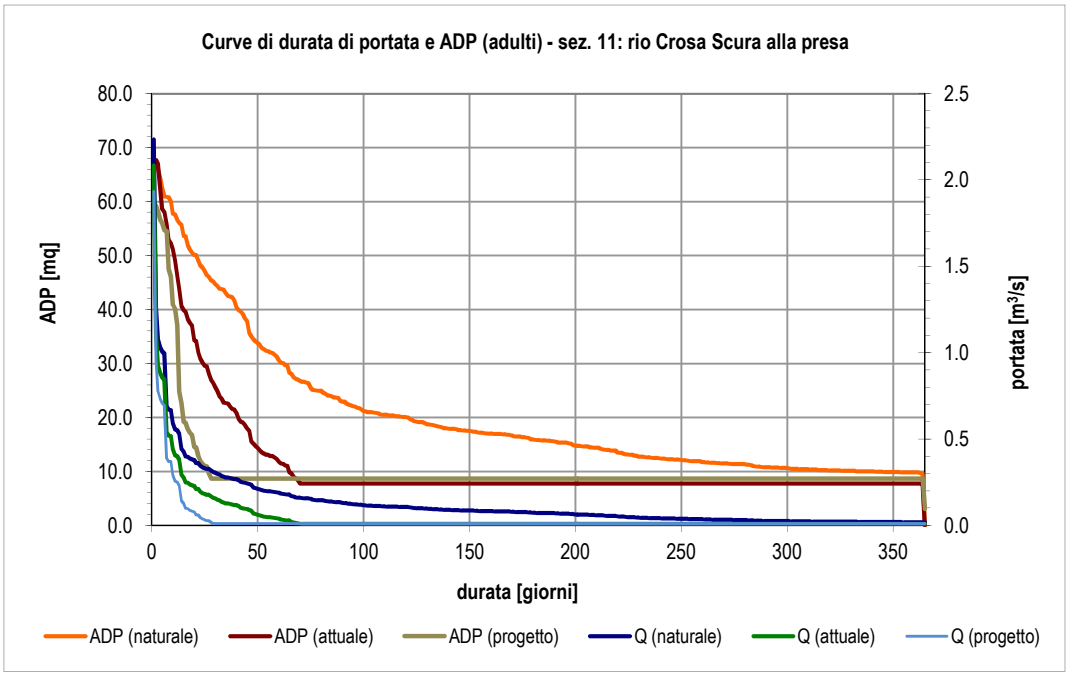

Idrogrammi portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP (fario 0+)
Q a.medio (progetto)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]


Curva di durata delle portate e ADP corrispondente - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

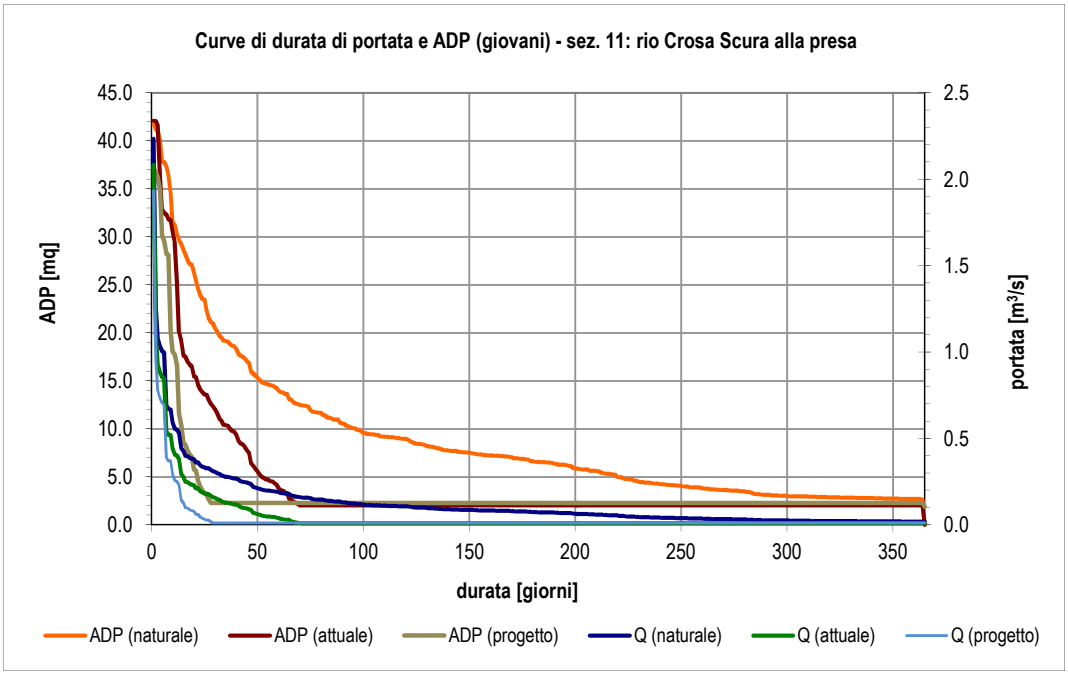

Curve di durata di portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
40
35
30
25
20
15
10
5
0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

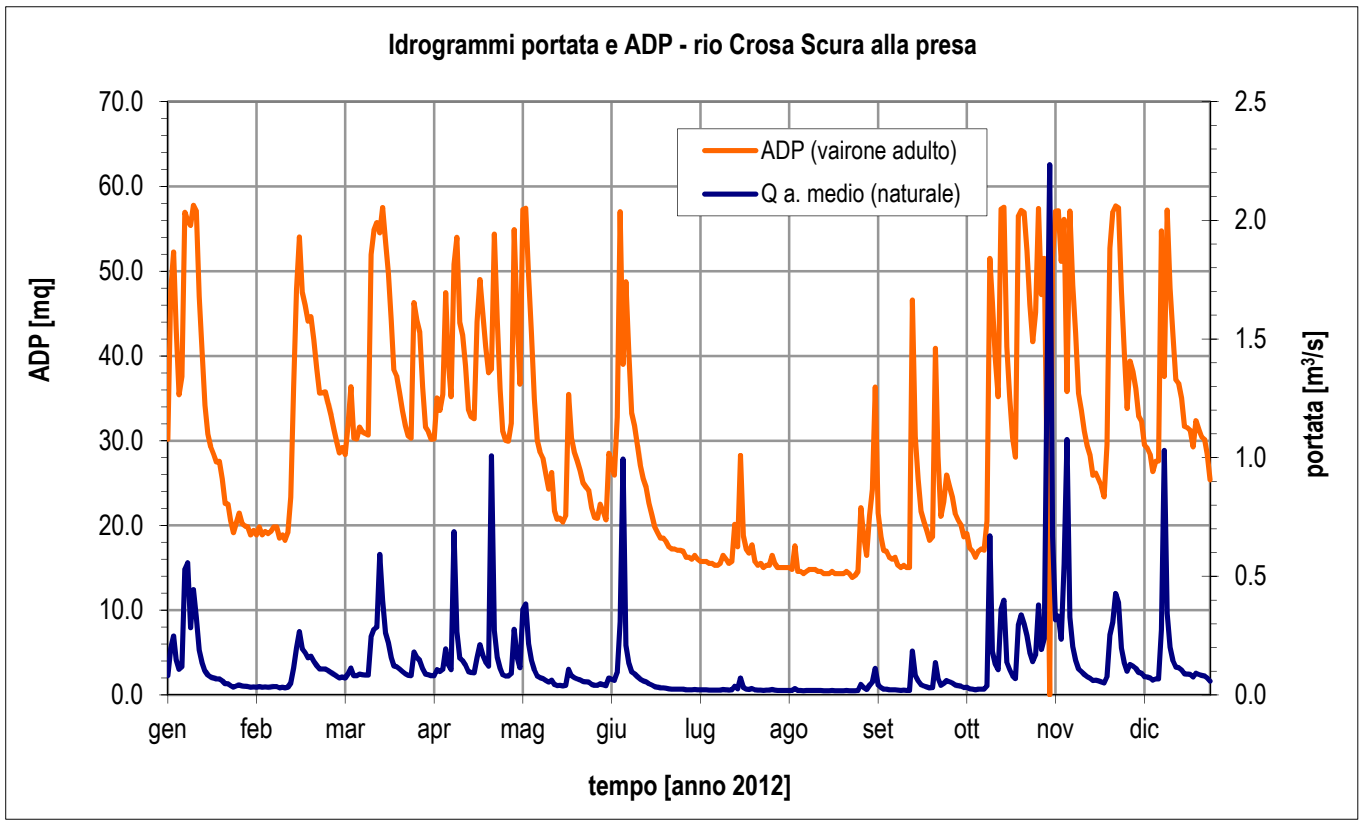
Confronto tra curve di durata Q e ADP (Trota fario) per il sito di monitoraggio (S11 - Crosa Scura)

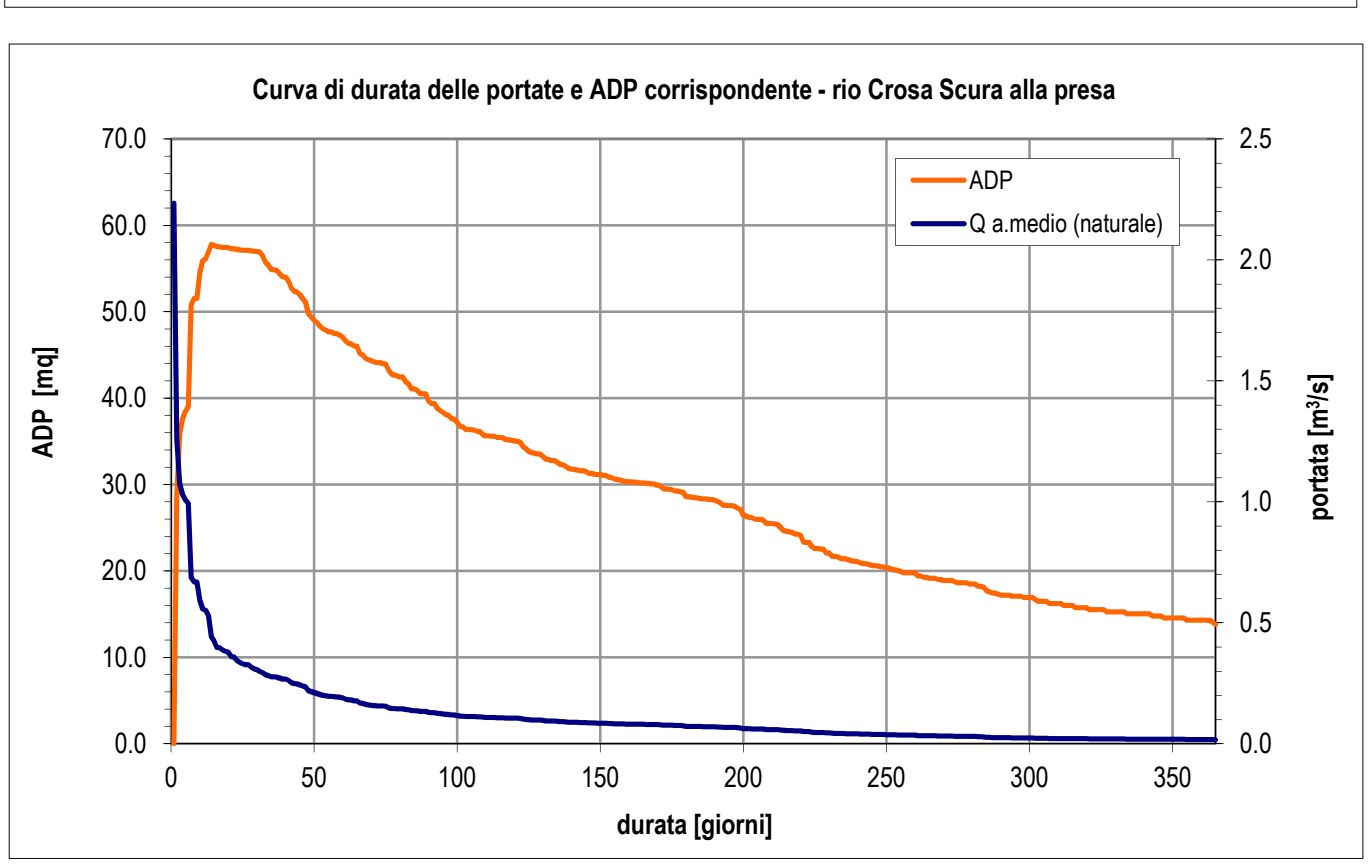


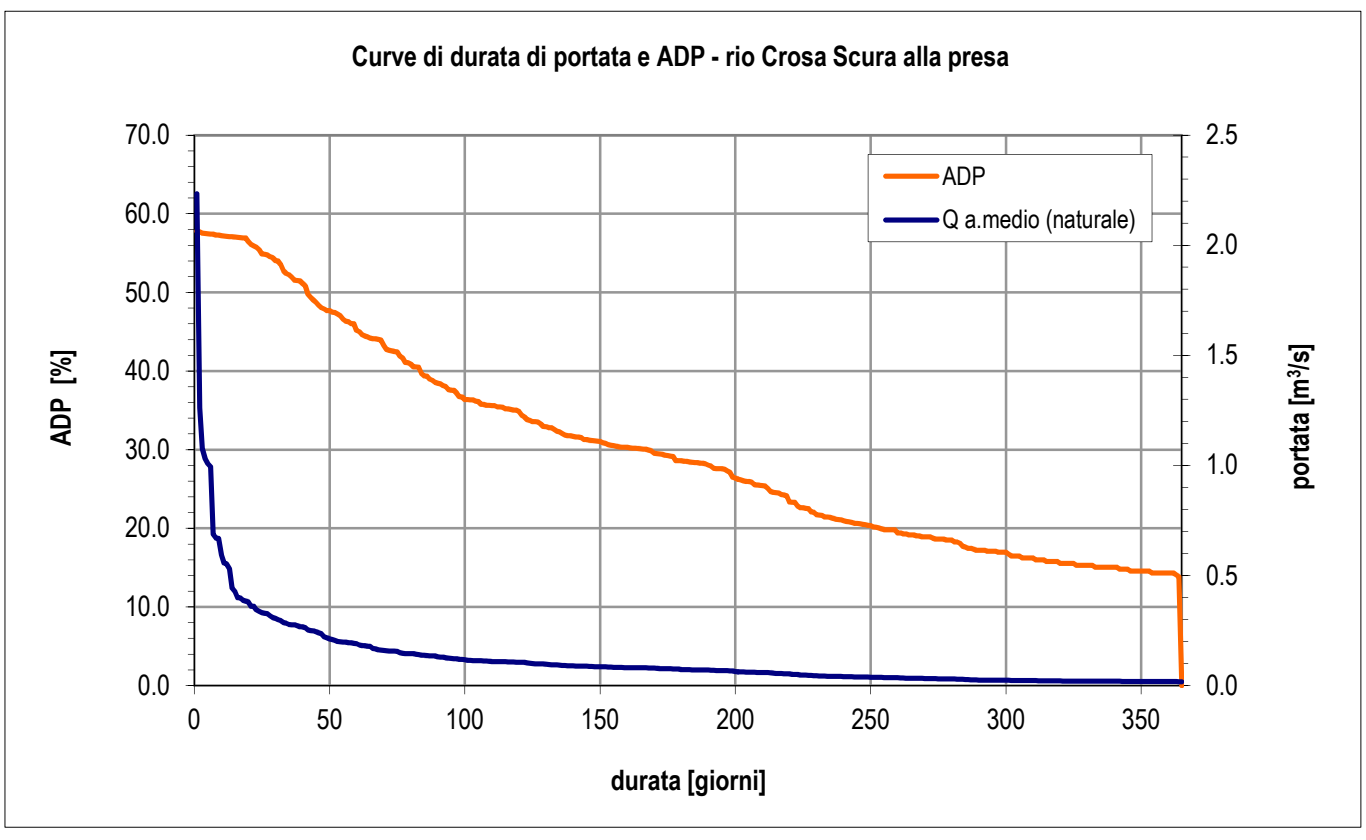


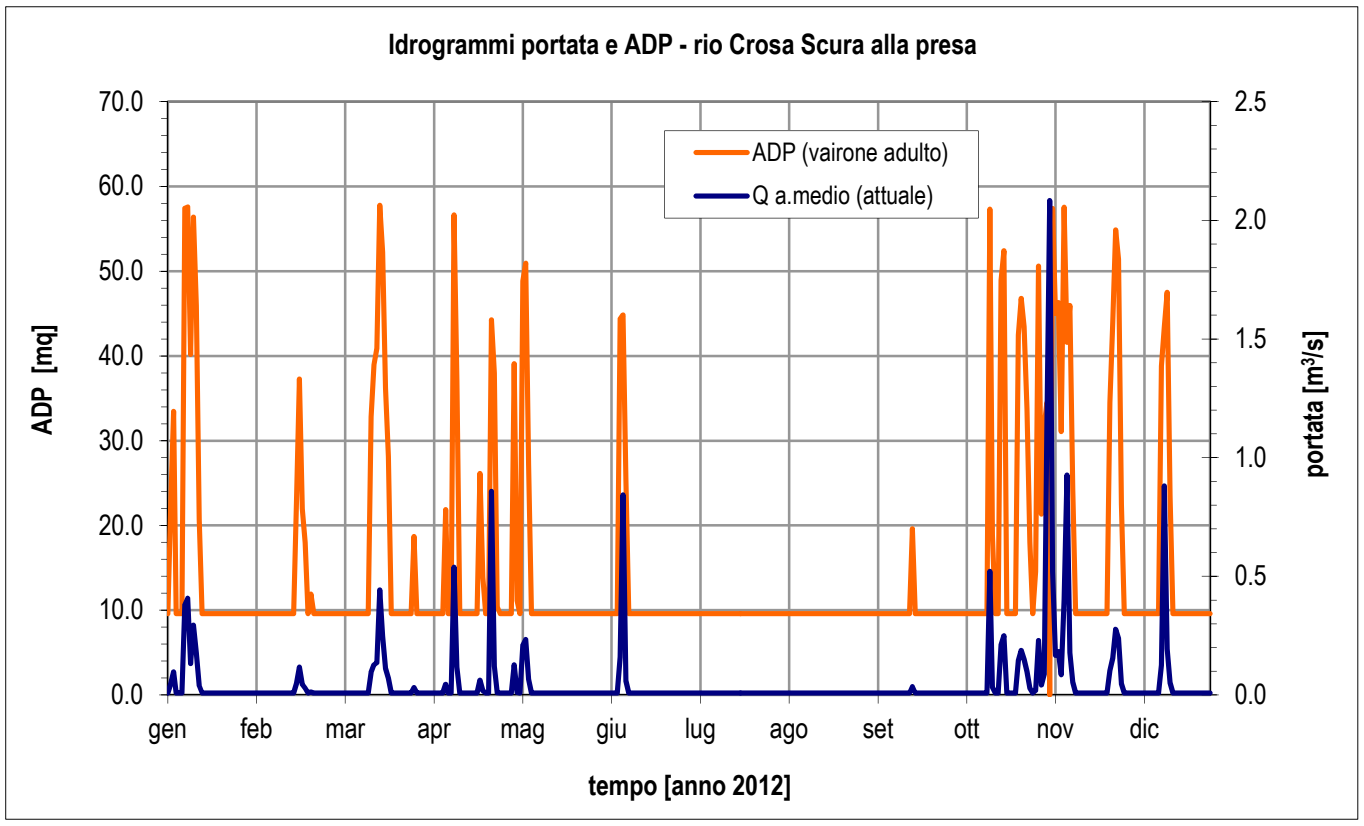
Confronto tra curve di durata Q e ADP (Trota fario 0+) per il sito di monitoraggio (S11 - Crosa Scura)

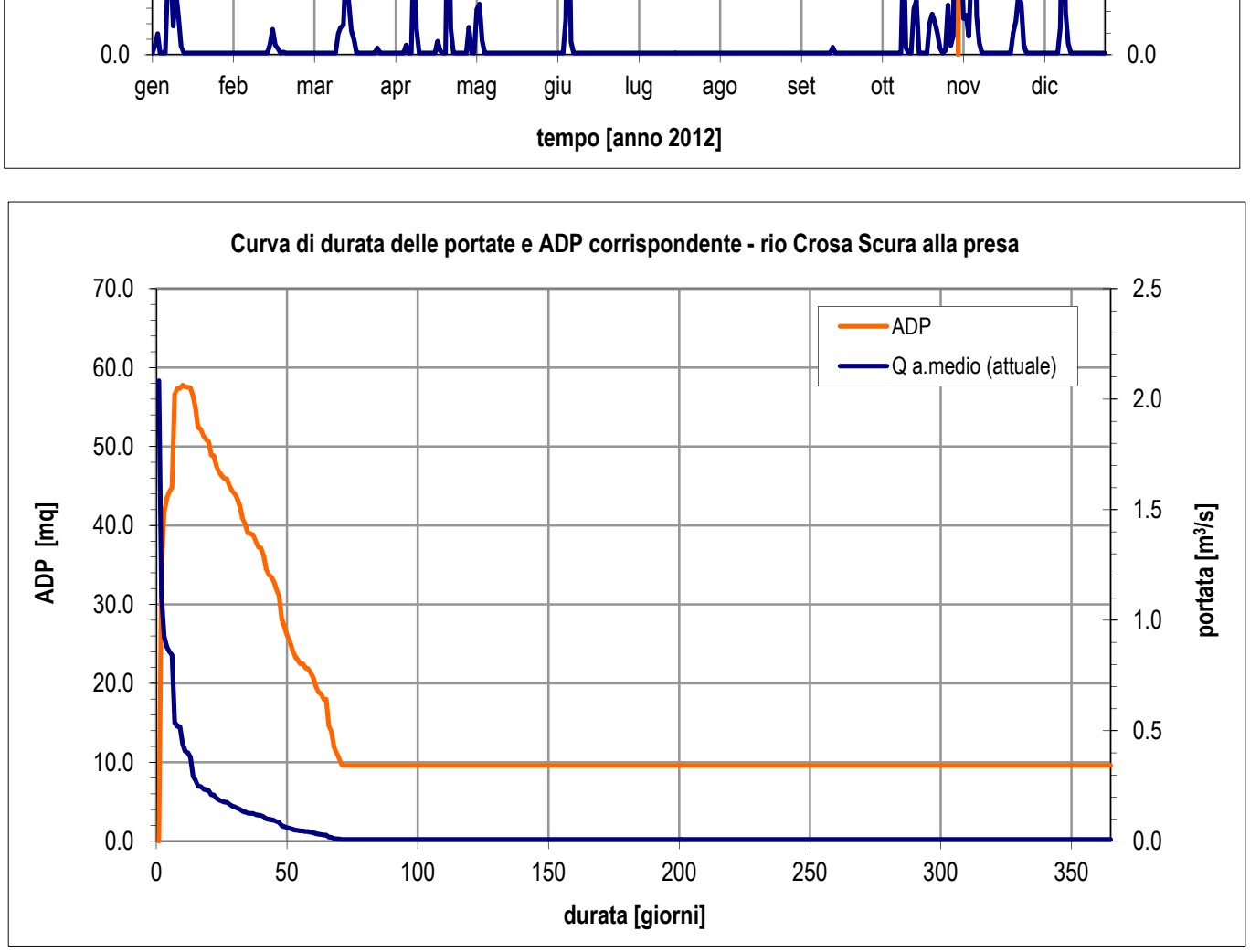


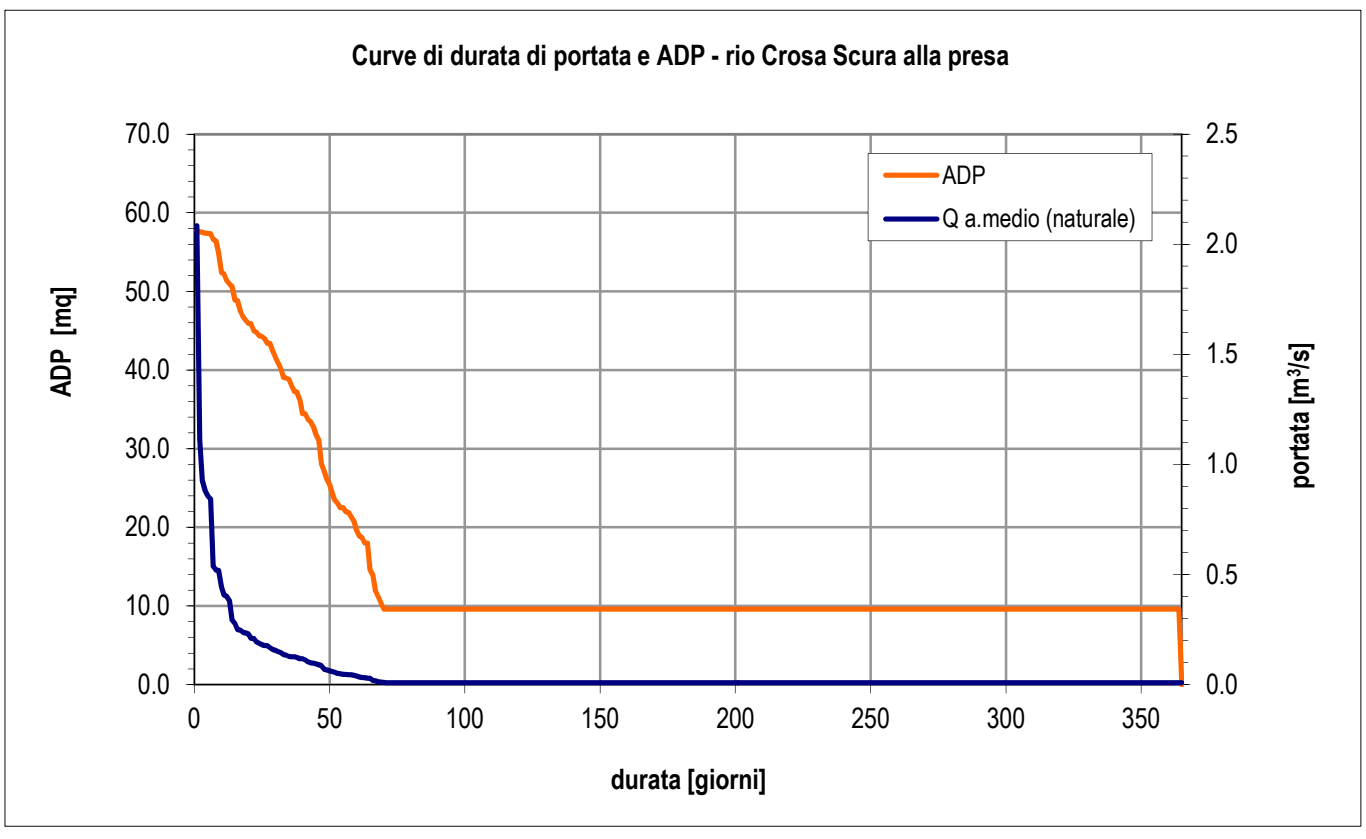

Idrogrammi portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP (vairone adulto)
Q a. medio (naturale)
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

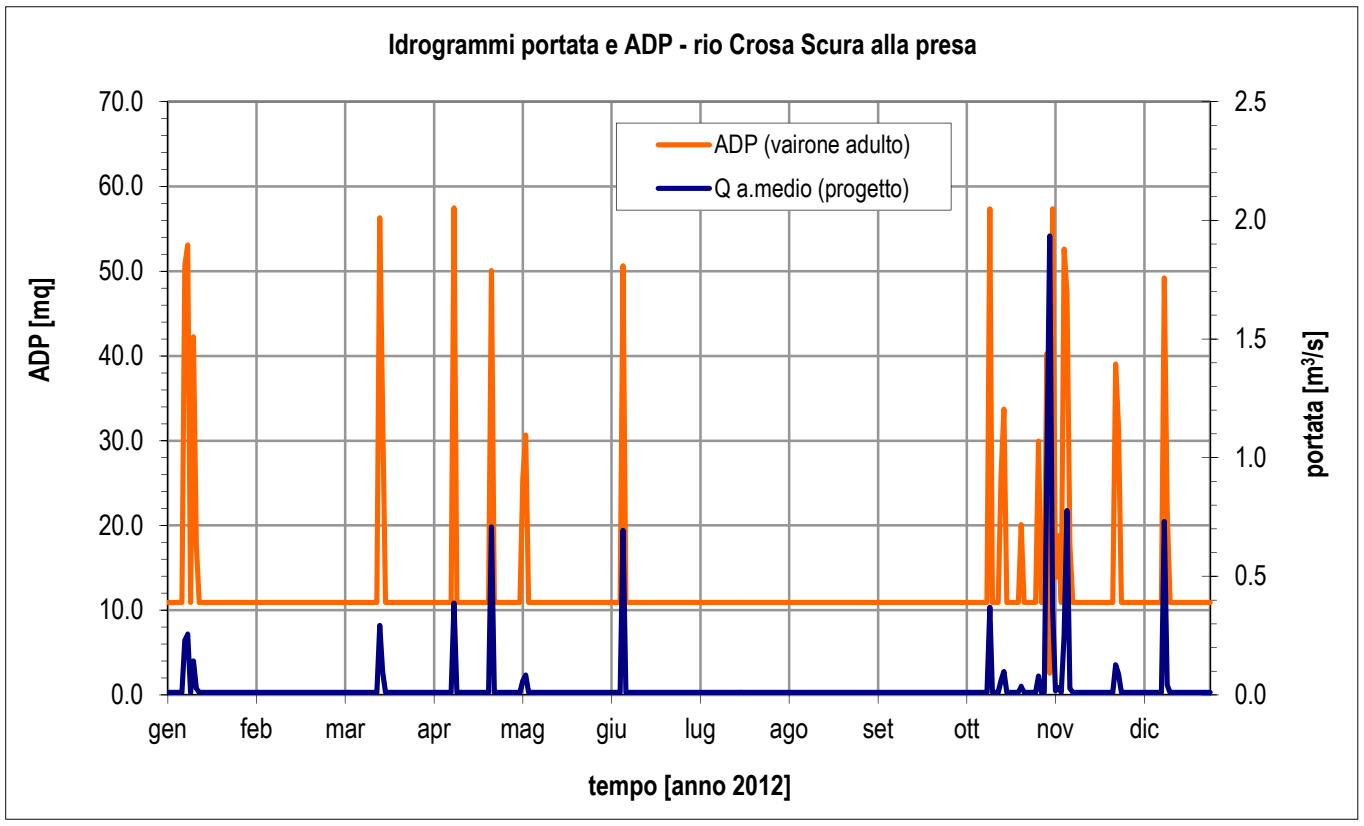

Curva di durata delle portate e ADP corrispondente - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

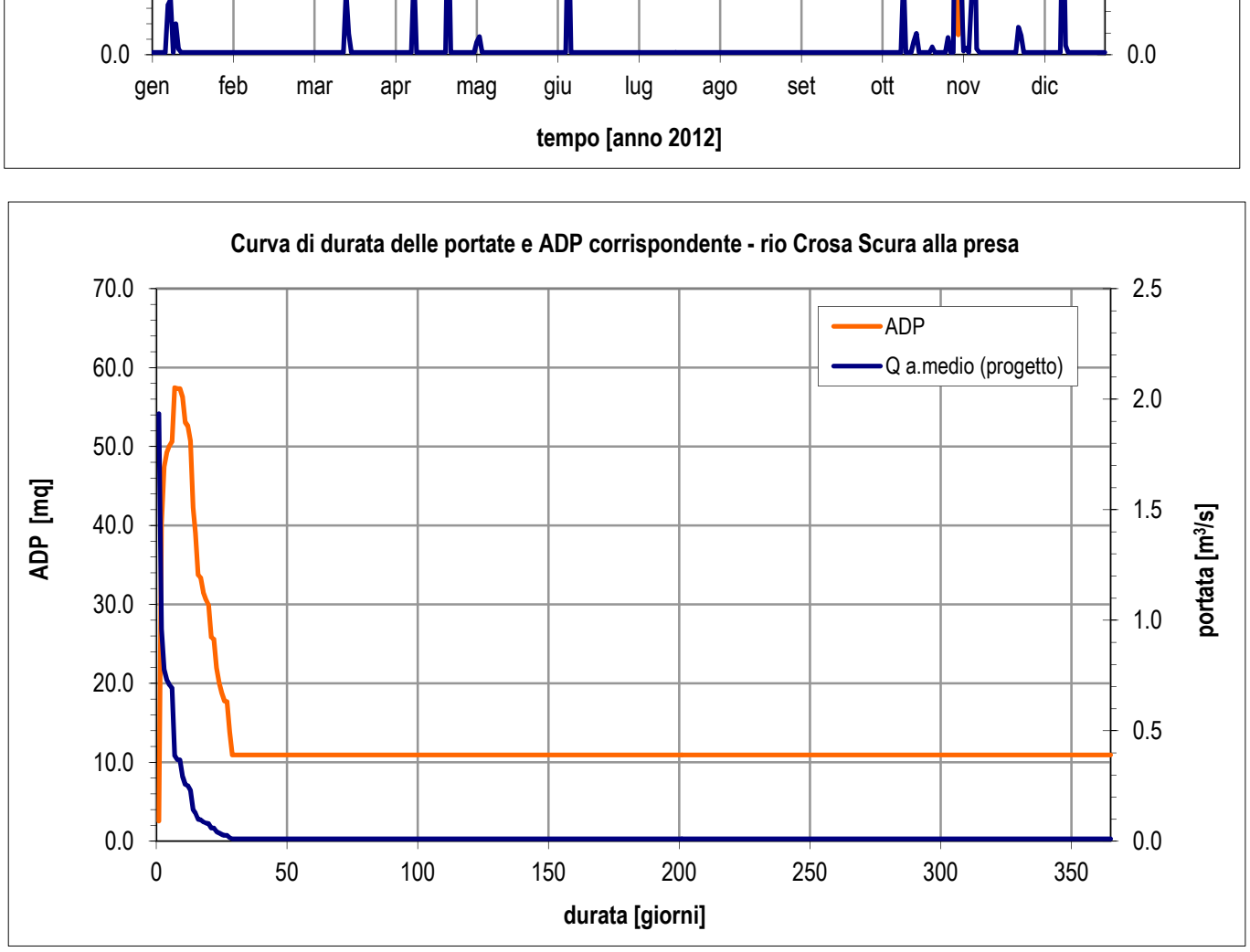

Curve di durata di portata e ADP - rio Crosa Scura alla presa
ADP [%]
portata [m³/s]
ADP
Q a.medio (naturale)
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

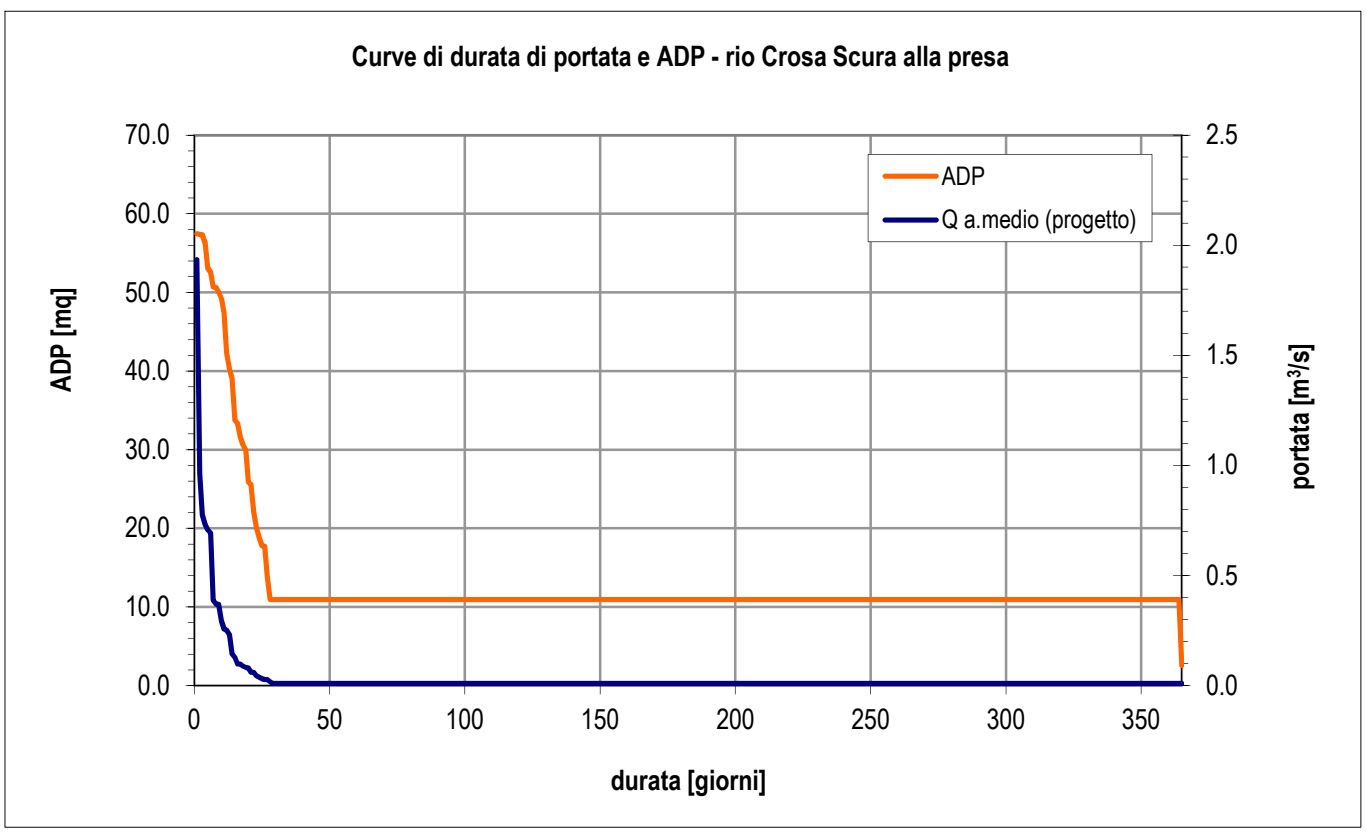

Idrogrammi portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP (vairone adulto)
Q a.medio (attuale)
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

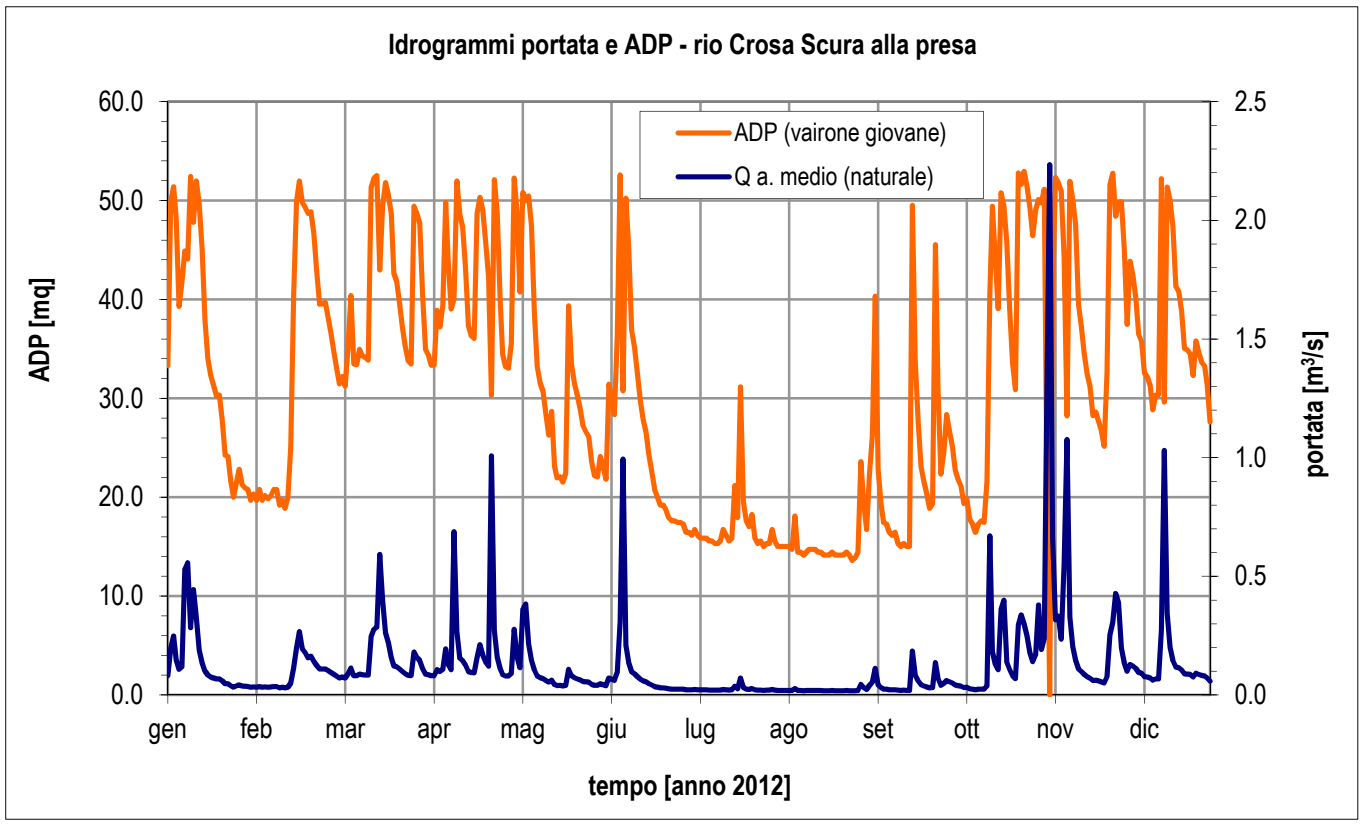

Curva di durata delle portate e ADP corrispondente - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

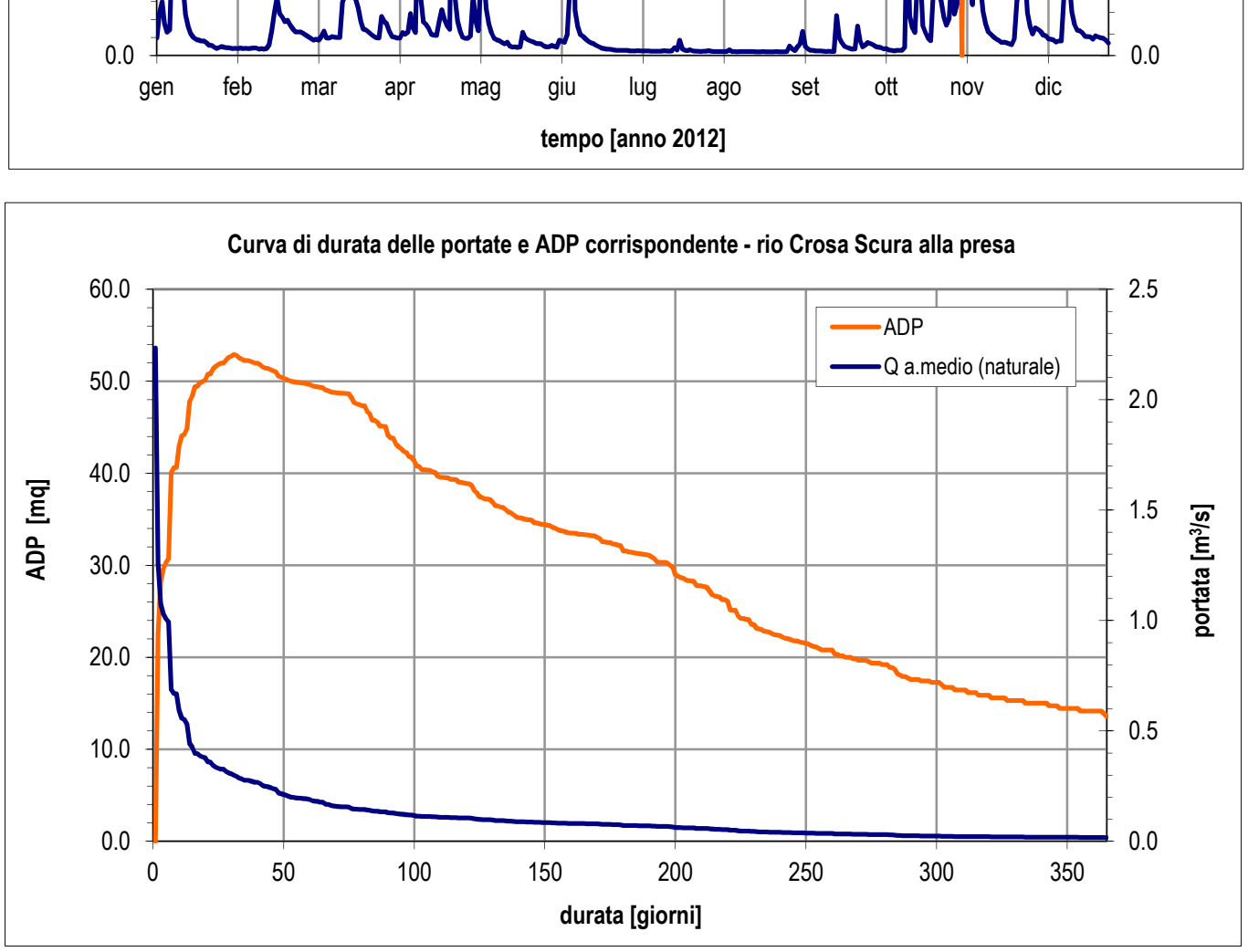

Curve di durata di portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

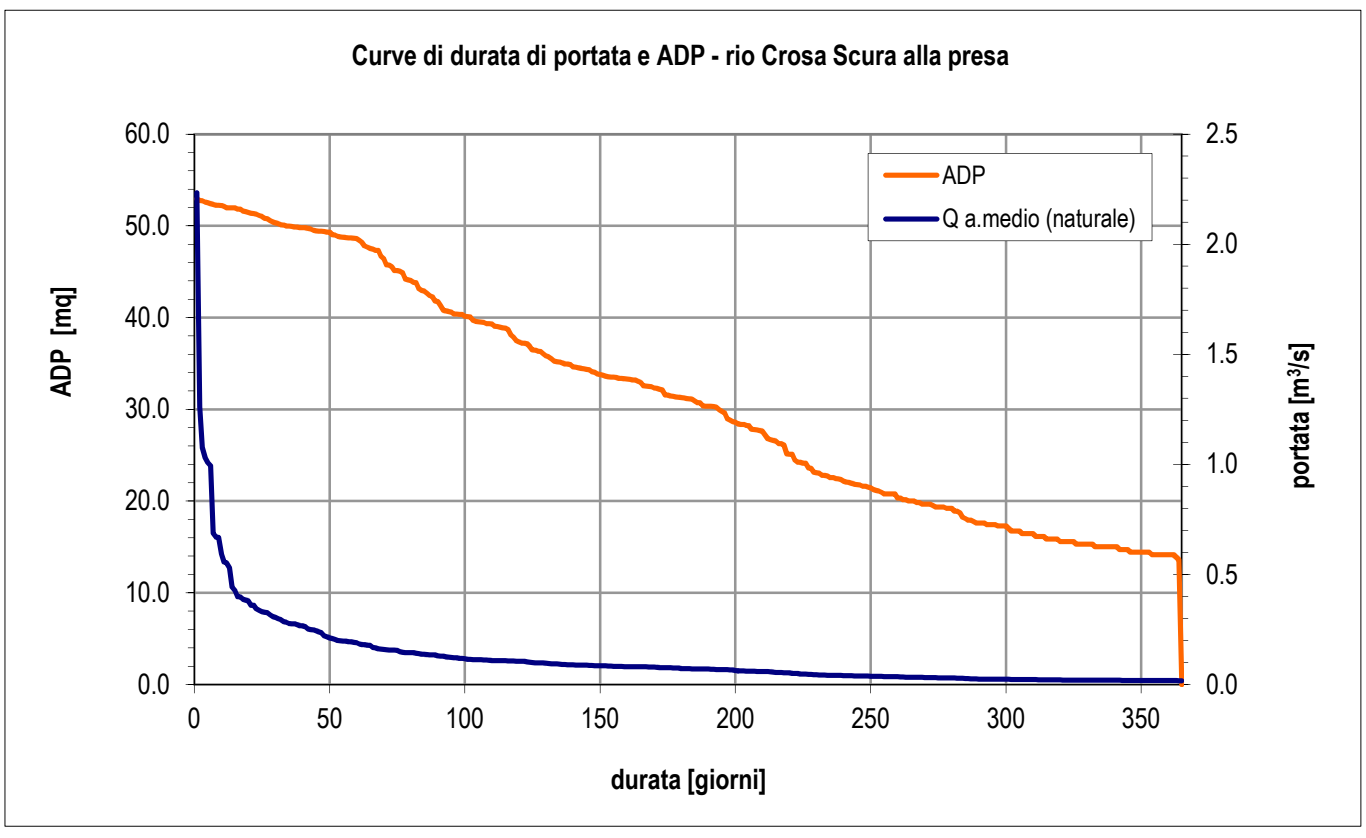

Idrogrammi portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP (vairone adulto)
Q a.medio (progetto)
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

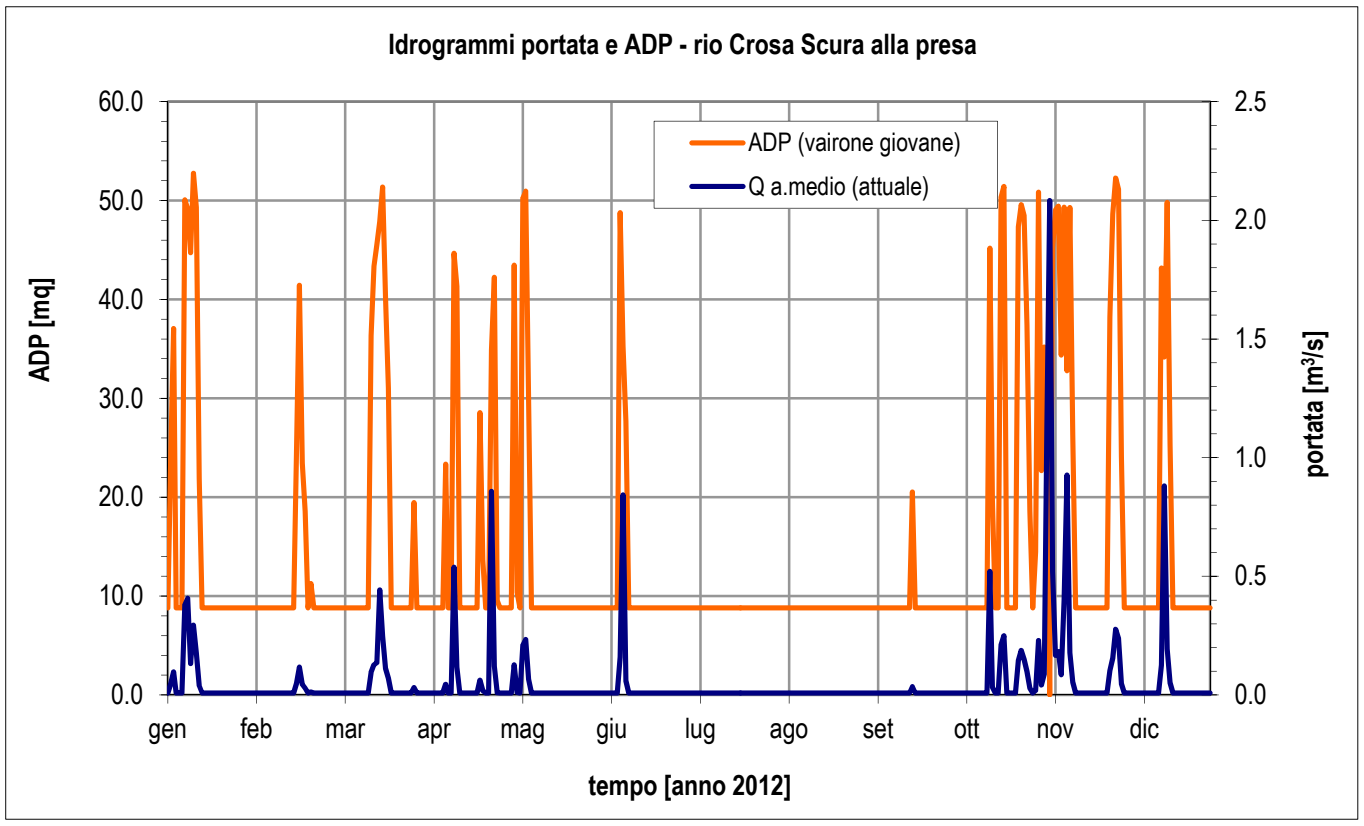

Curva di durata delle portate e ADP corrispondente - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

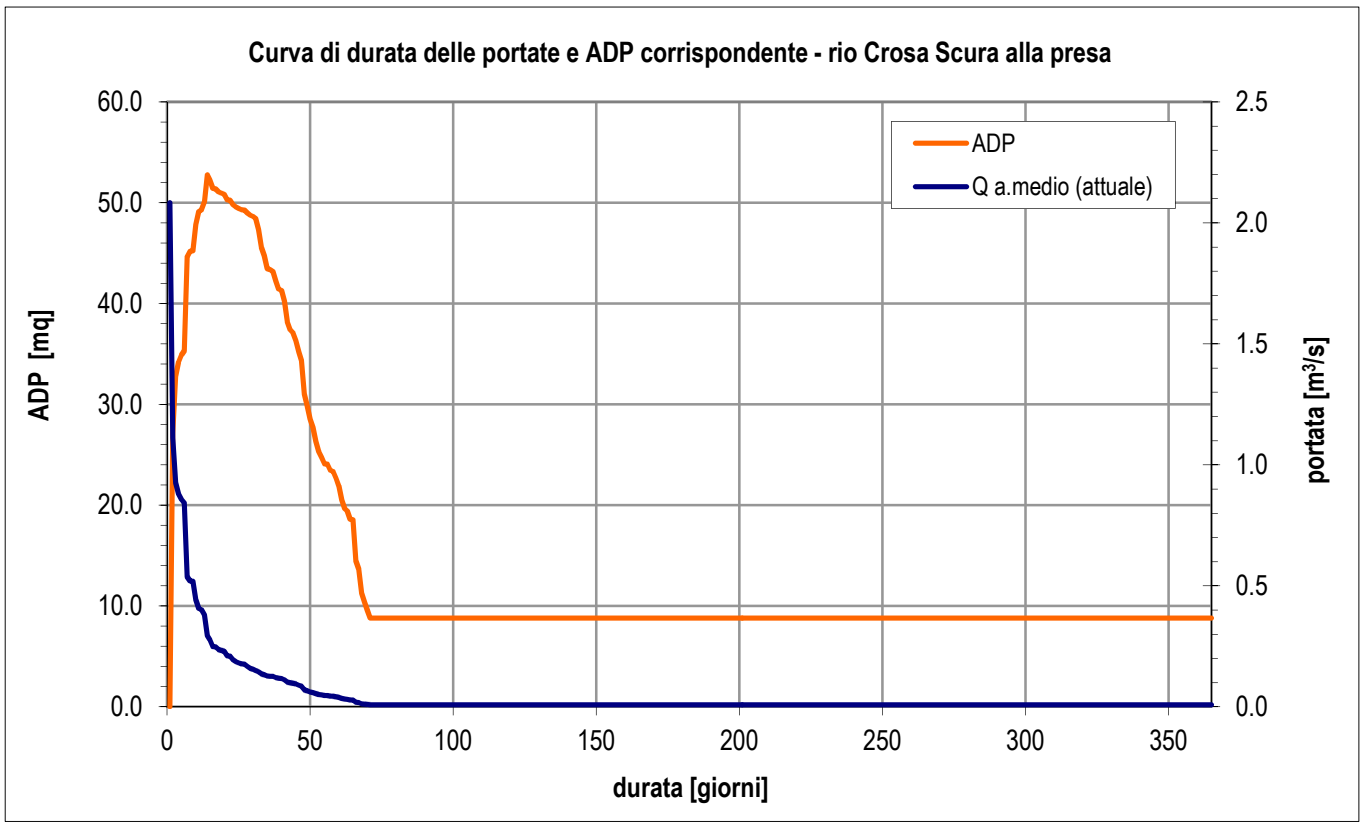

Curve di durata di portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

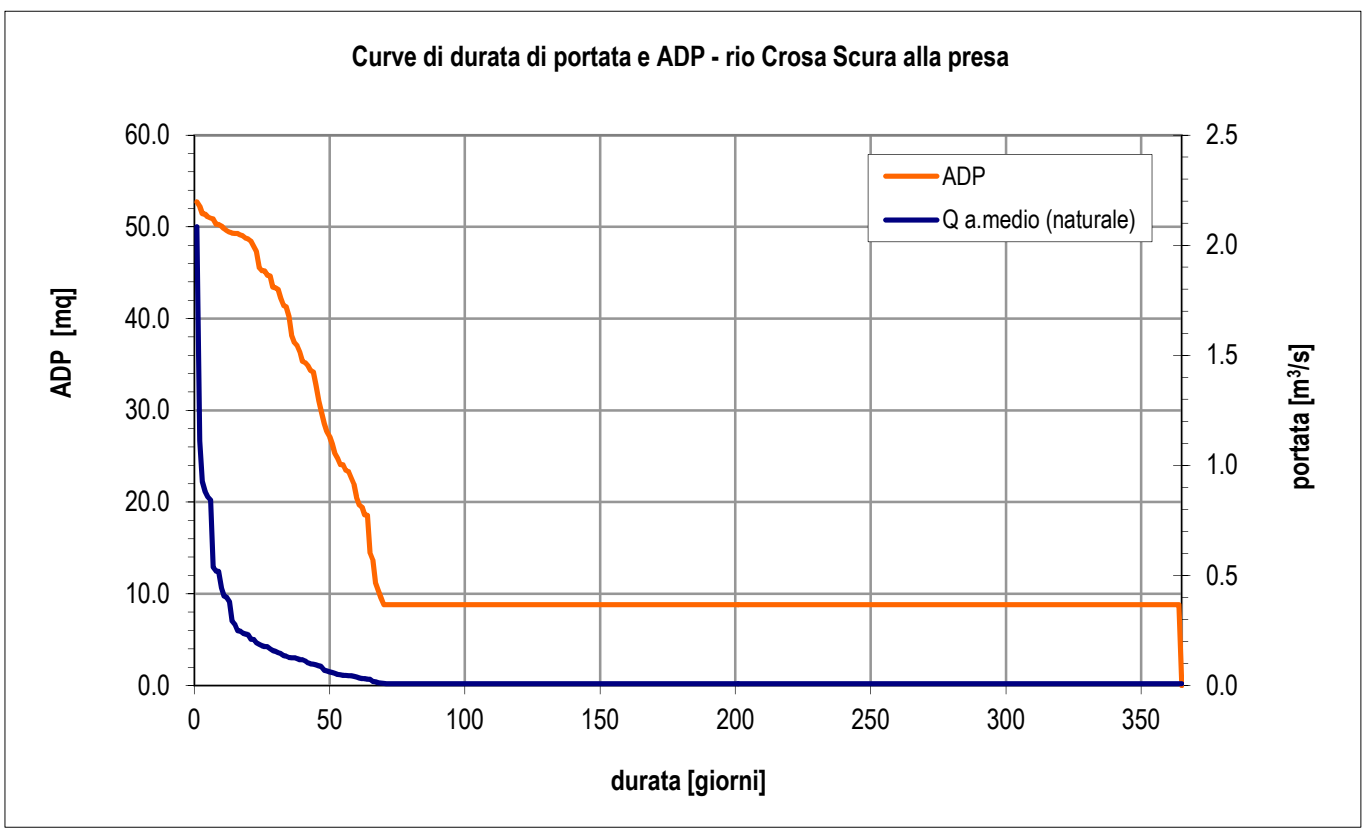

Idrogrammi portata e ADP - rio Crosa Scura alla presa
ADP (vairone giovane)
Q a. medio (naturale)
ADP [mq]
portata [m³/s]
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]

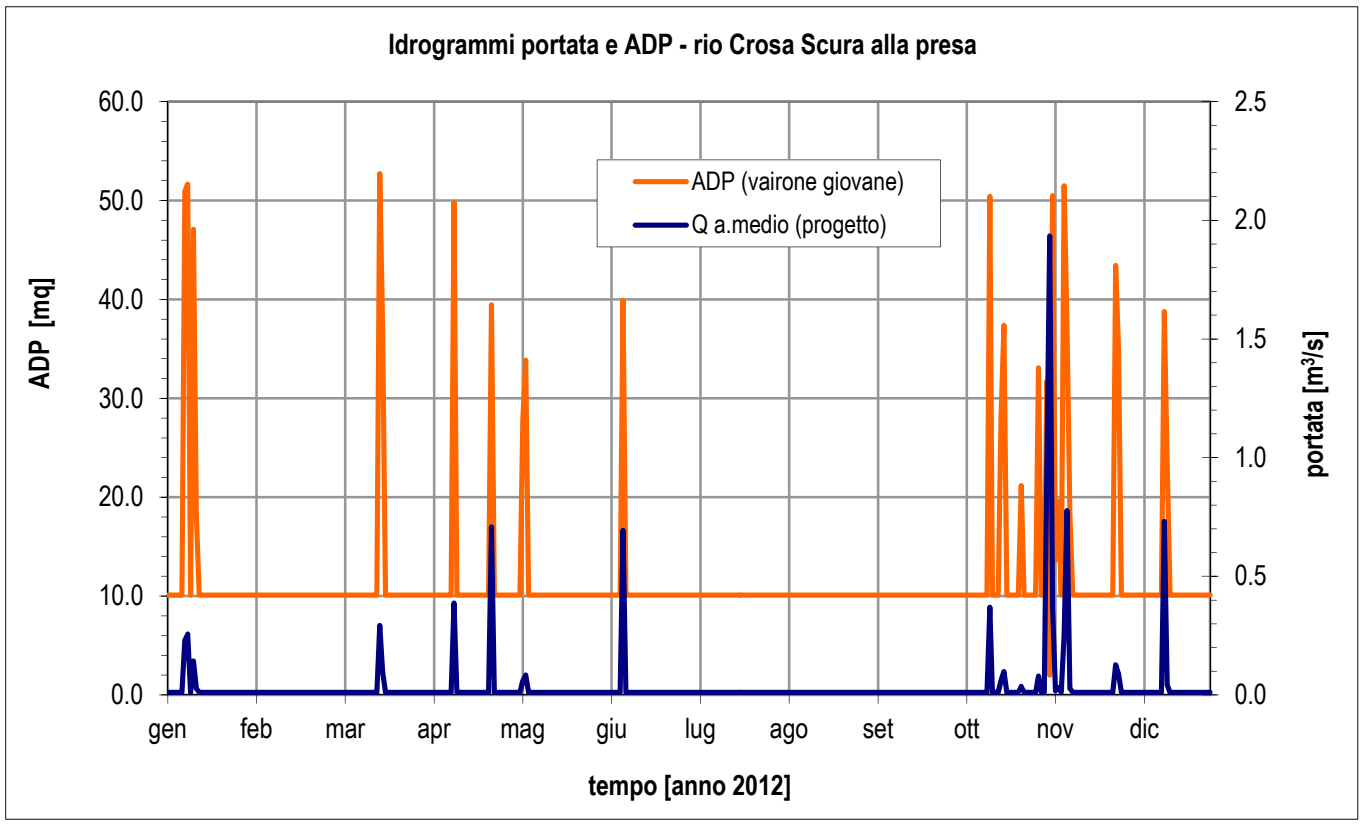

Curva di durata delle portate e ADP corrispondente - rio Crosa Scura alla presa
ADP
Q a.medio (naturale)
ADP [mq]
portata [m³/s]
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

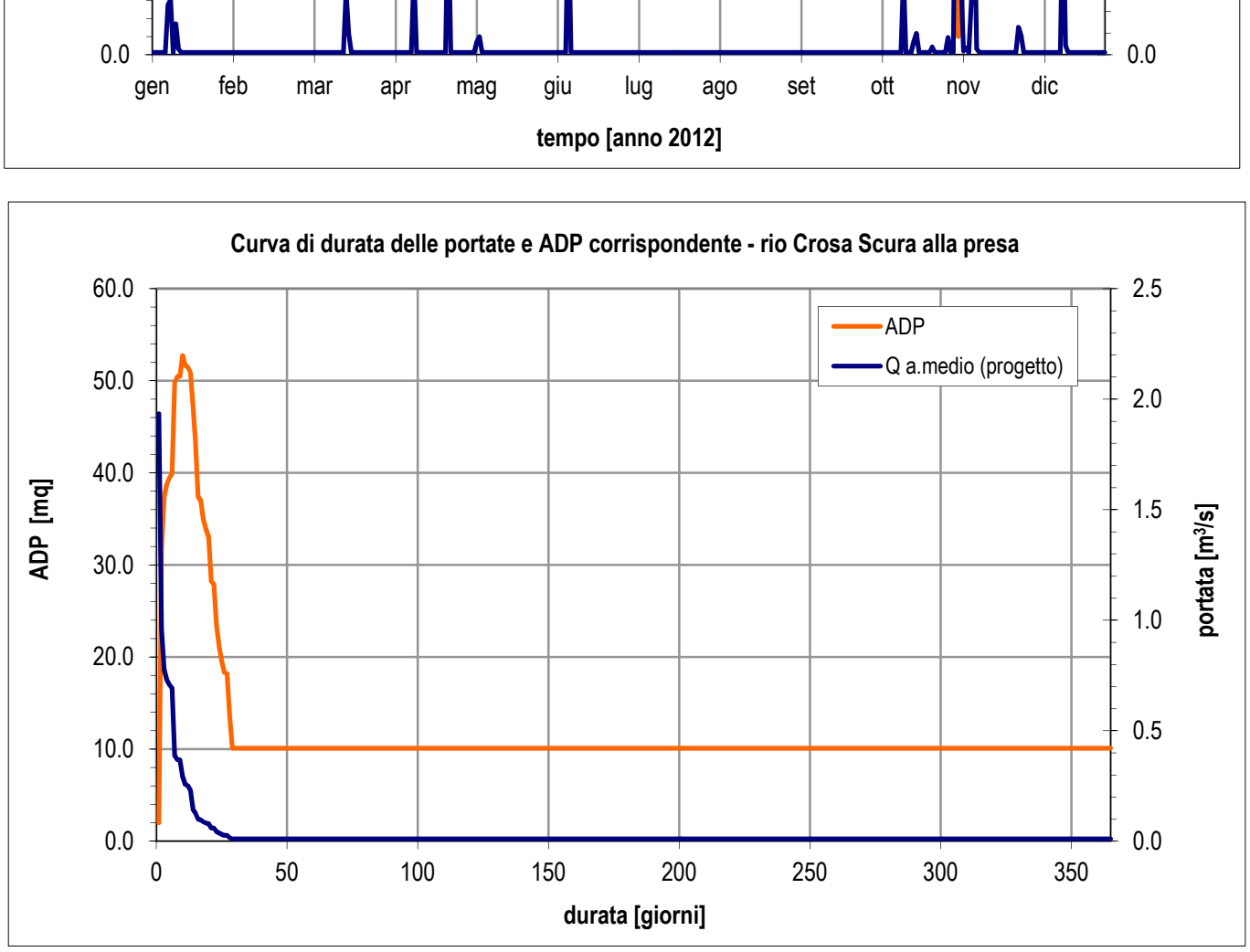

Curve di durata di portata e ADP - rio Crosa Scura alla presa
ADP
Q a.medio (naturale)
ADP [mq]
portata [m³/s]
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

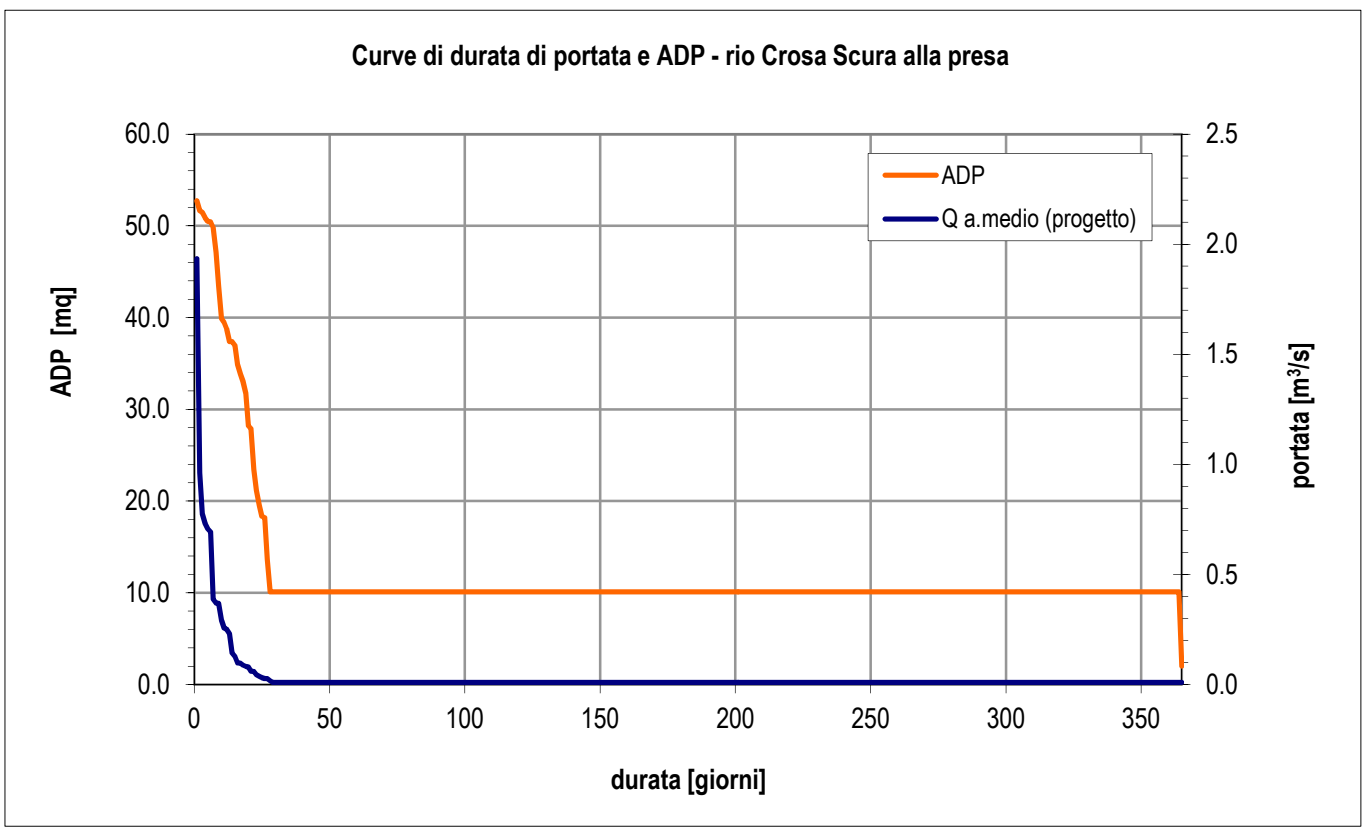

Idrogrammi portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP (vairone giovane)
Q a.medio (attuale)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]


Curva di durata delle portate e ADP corrispondente - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (attuale)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

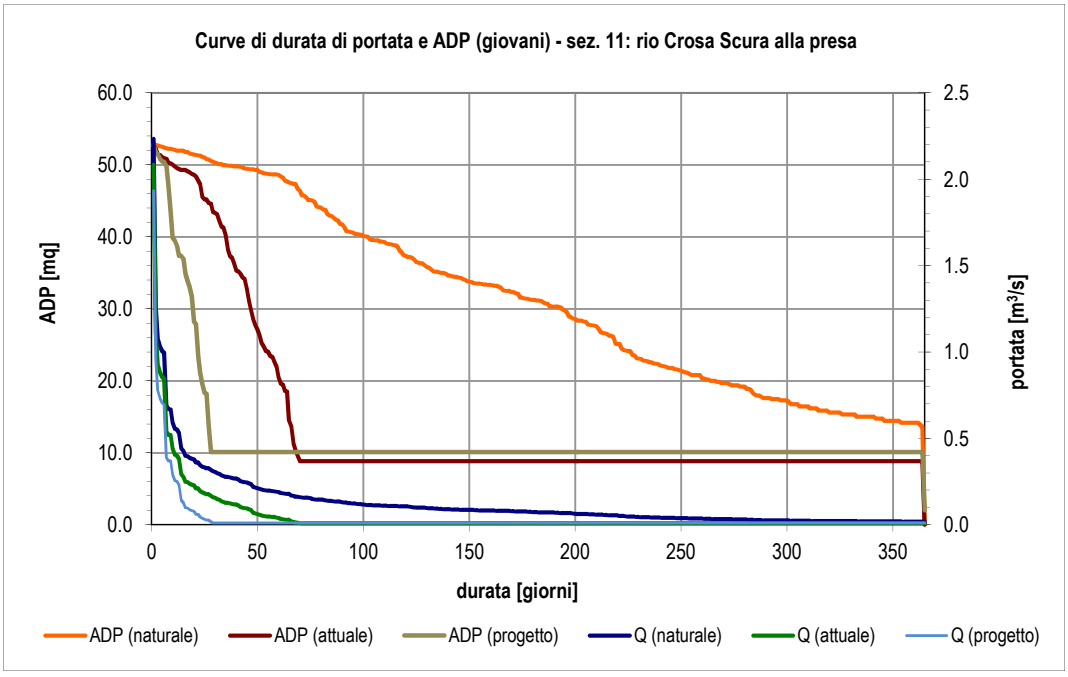

Curve di durata di portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (naturale)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

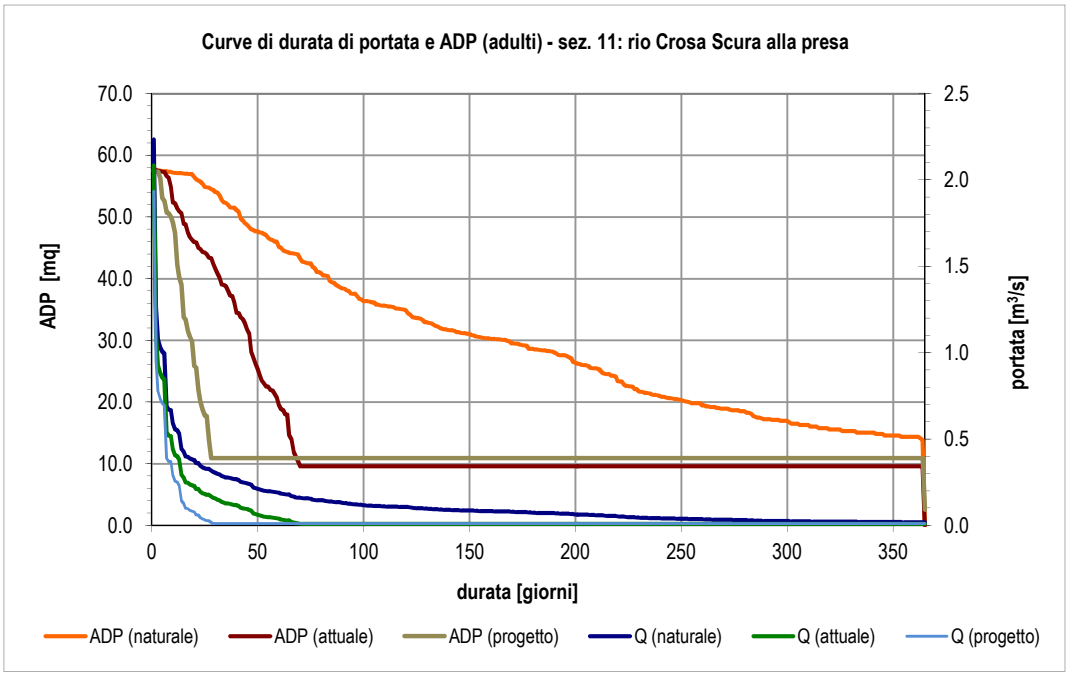

Idrogrammi portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP (vairone giovane)
Q a.medio (progetto)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
gen
feb
mar
apr
mag
giu
lug
ago
set
ott
nov
dic
tempo [anno 2012]


Curva di durata delle portate e ADP corrispondente - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]


Curve di durata di portata e ADP - rio Crosa Scura alla presa
ADP [mq]
portata [m³/s]
ADP
Q a.medio (progetto)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
350
durata [giorni]

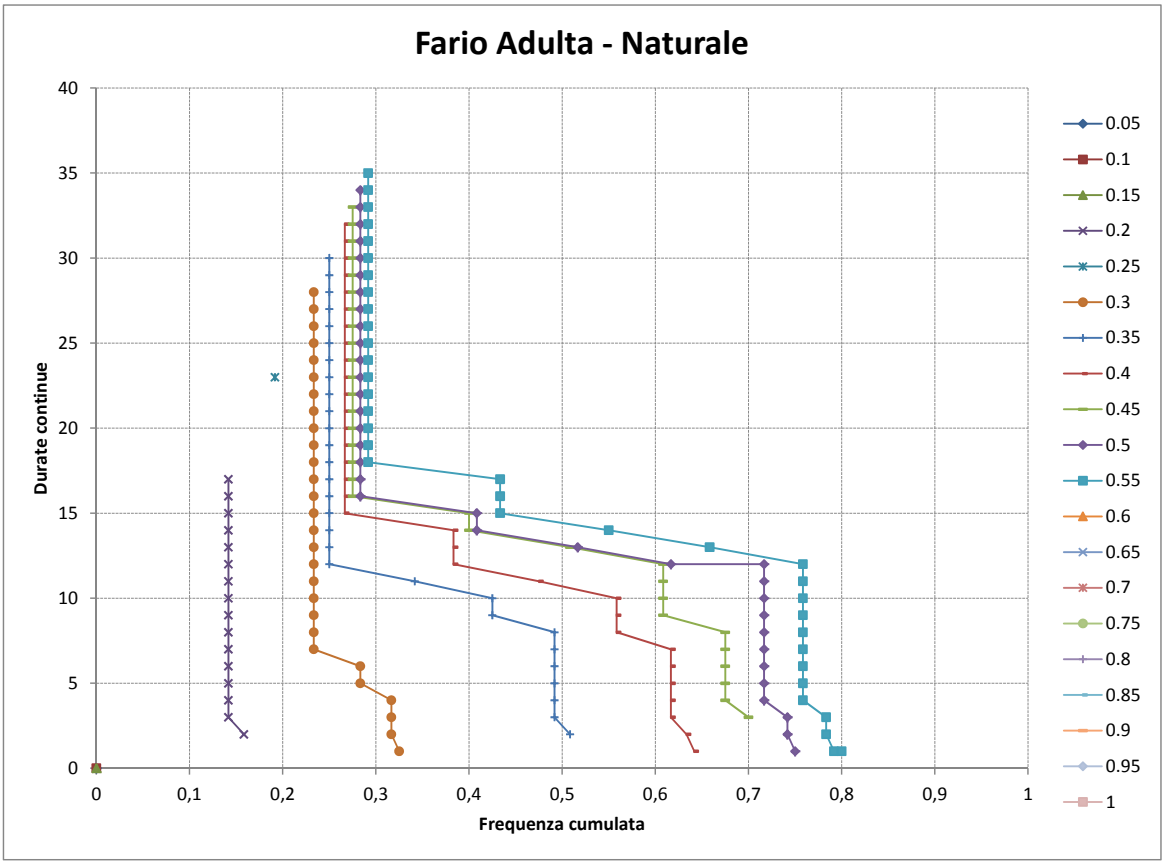
Confronto tra curve di durata Q e ADP (Vairone) per il sito di monitoraggio (S11 - Crosa Scura)

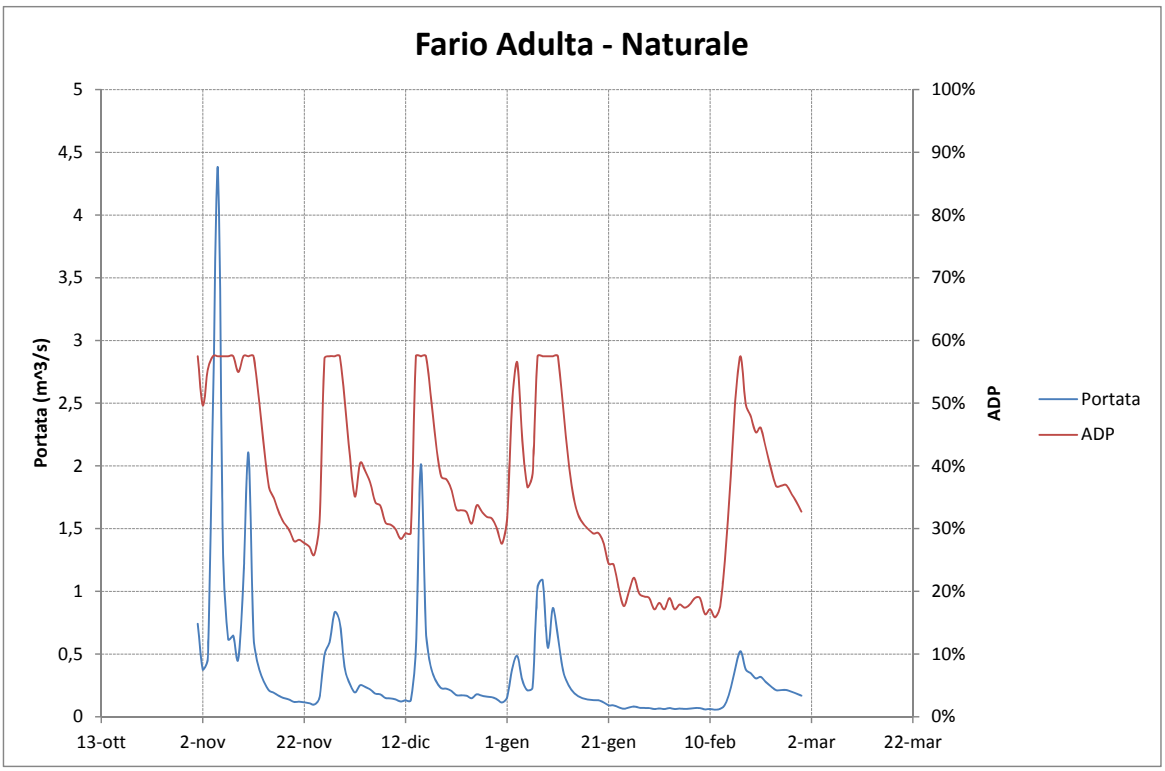


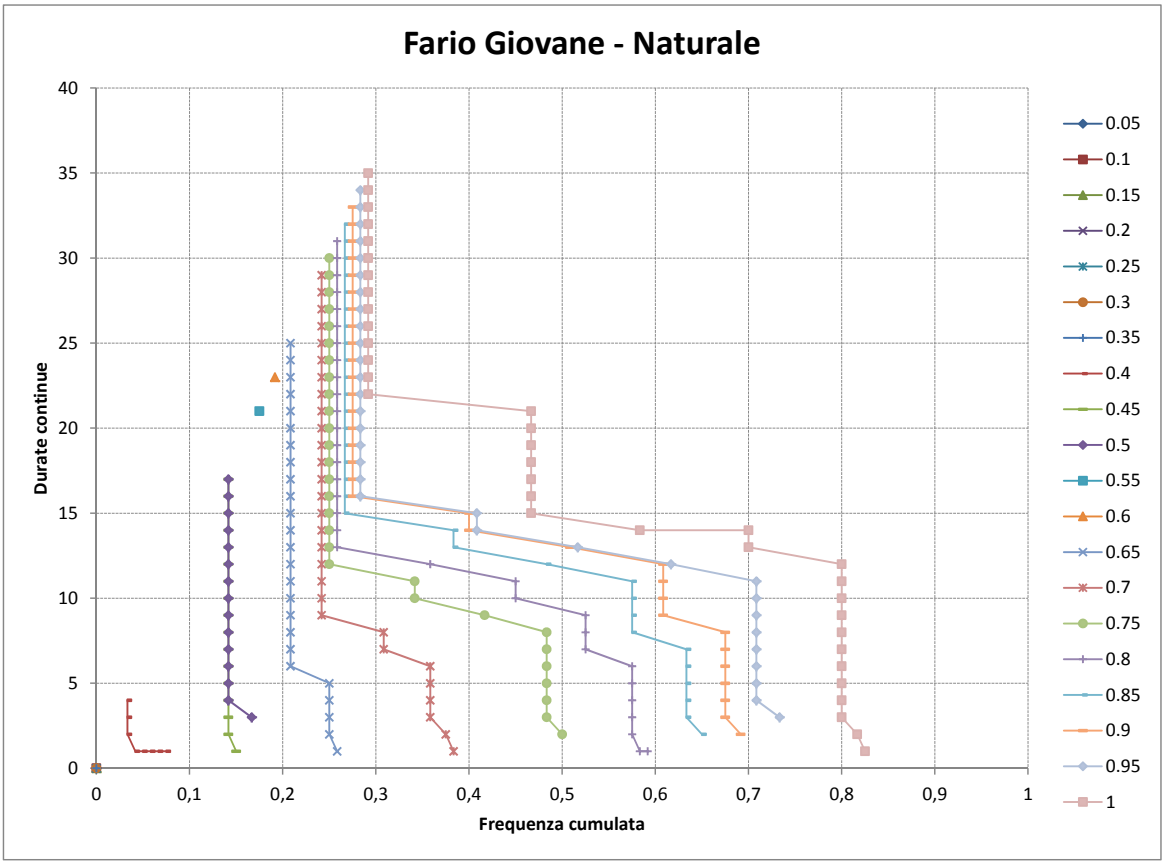


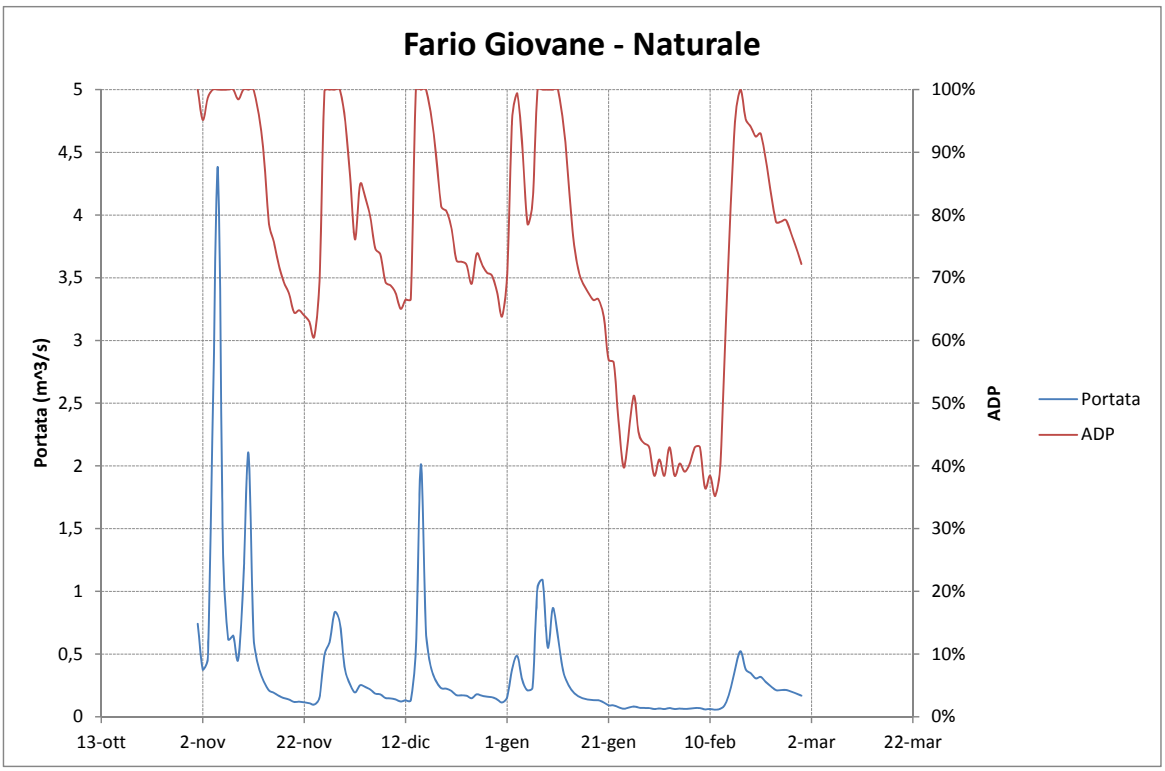
ALLEGATO 3 – UCUT curves

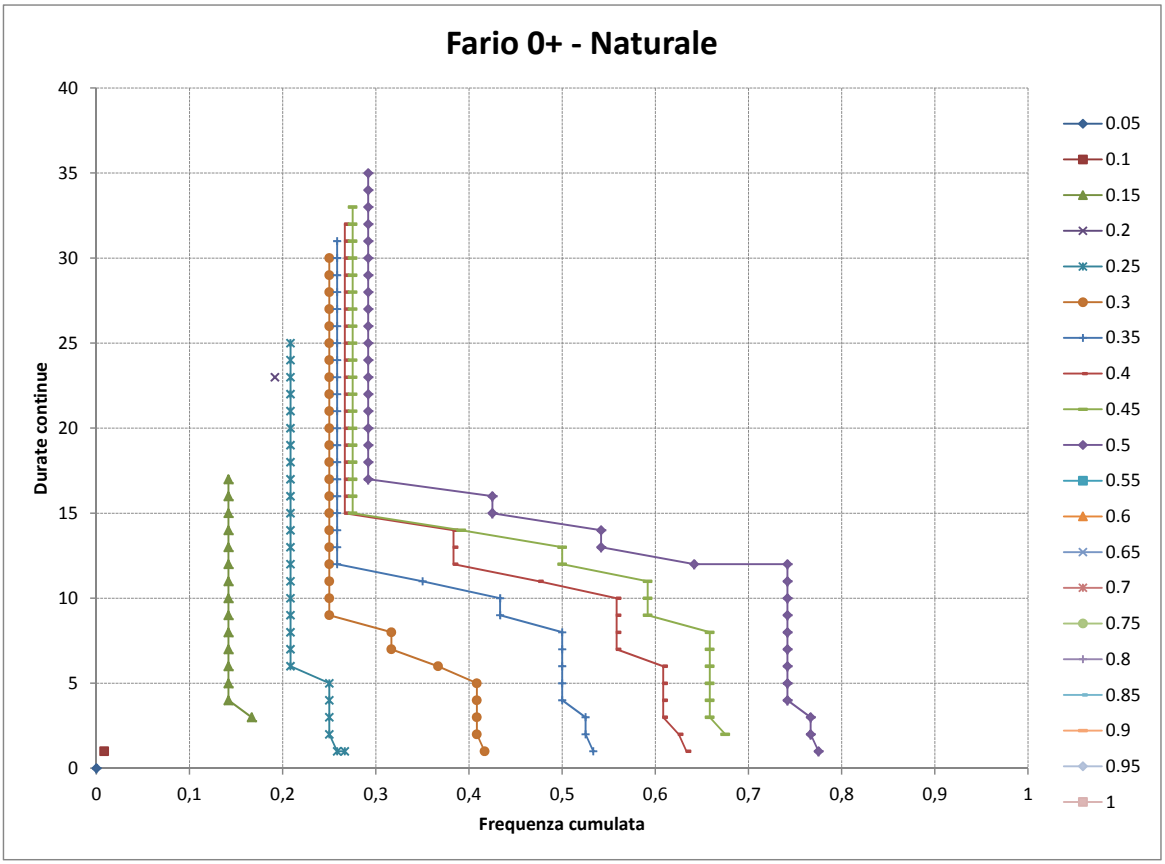
3.1 Dugaia 02

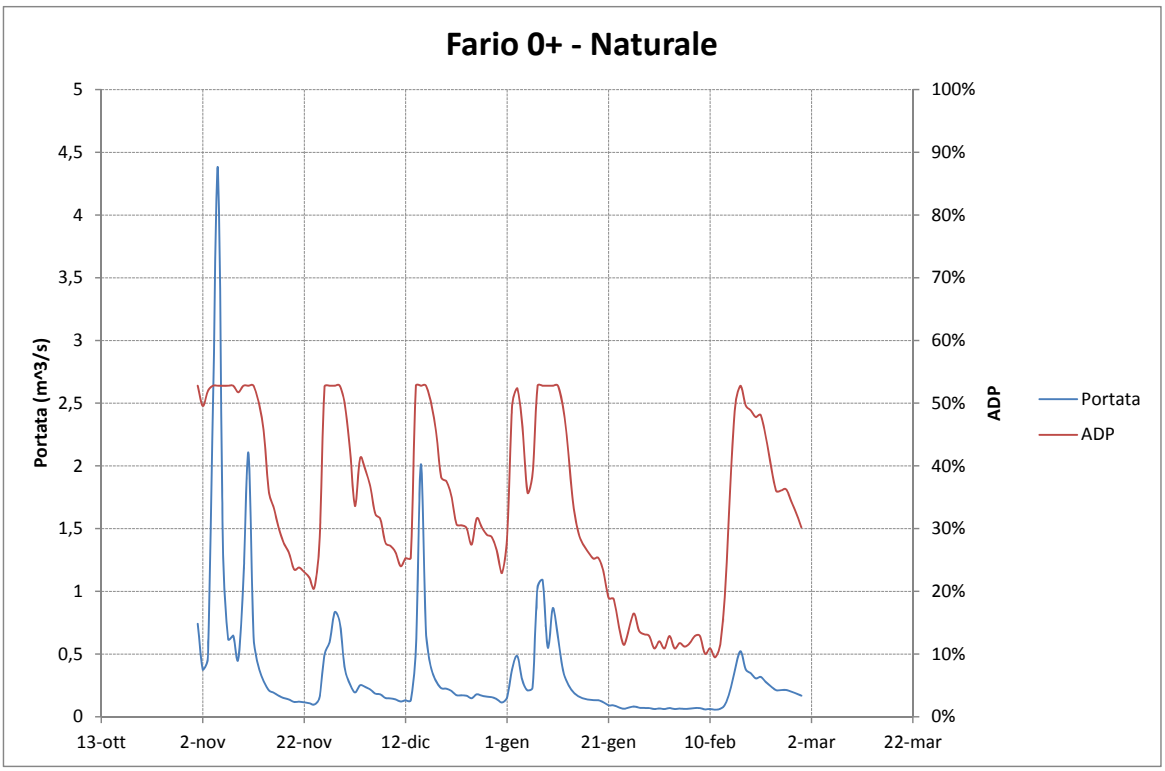

Fario Adulta - Naturale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

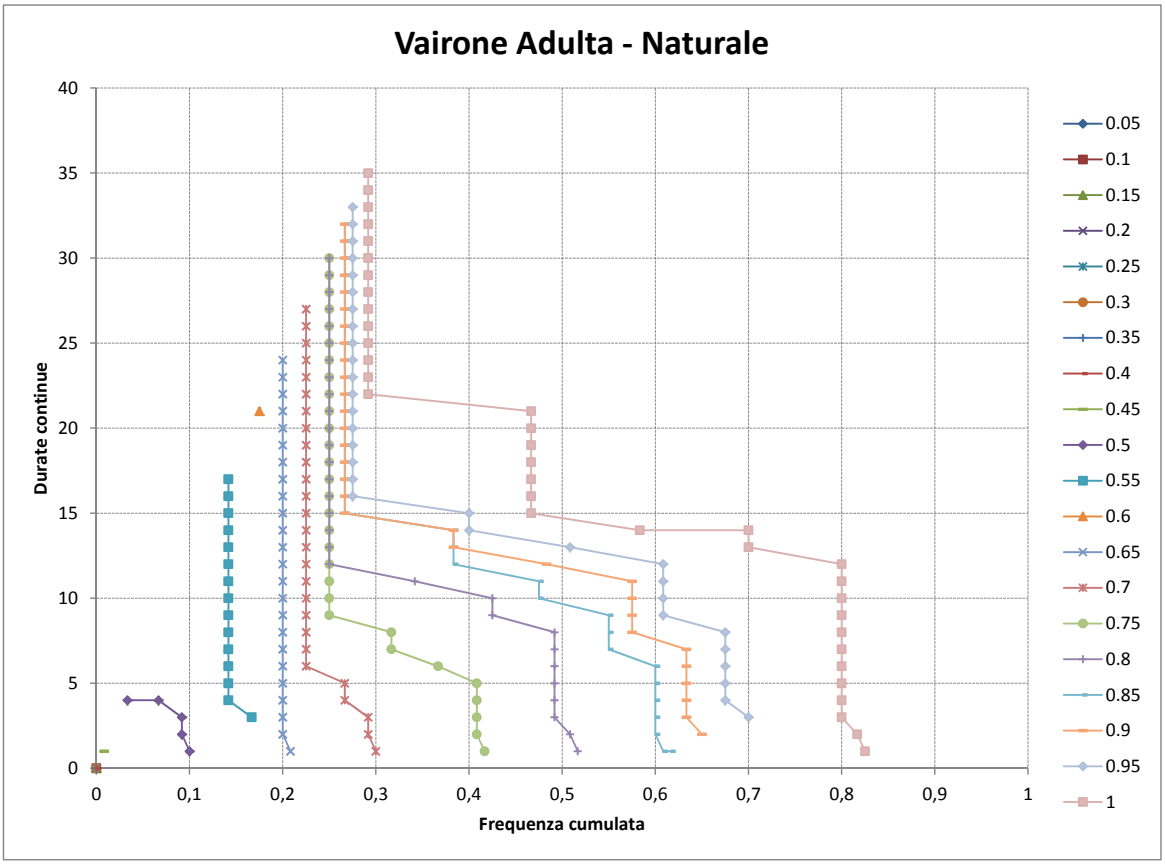

Fario Adulta - Naturale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

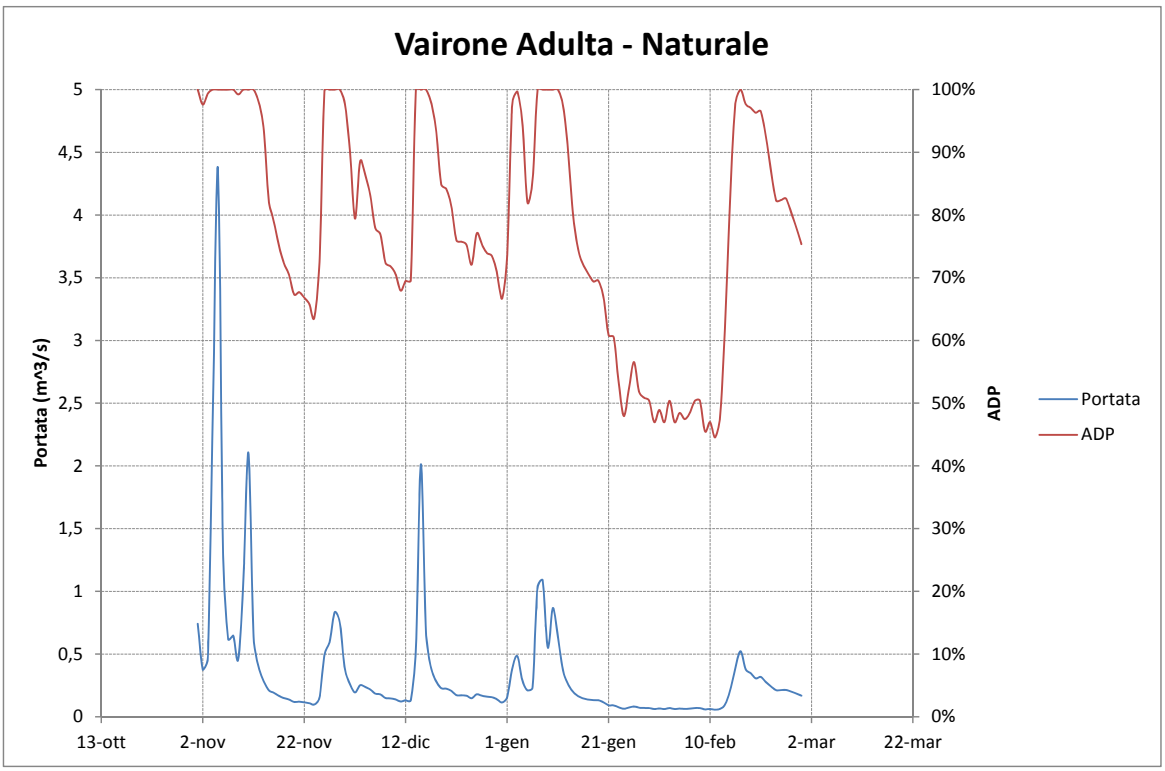

Fario Giovane - Naturale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

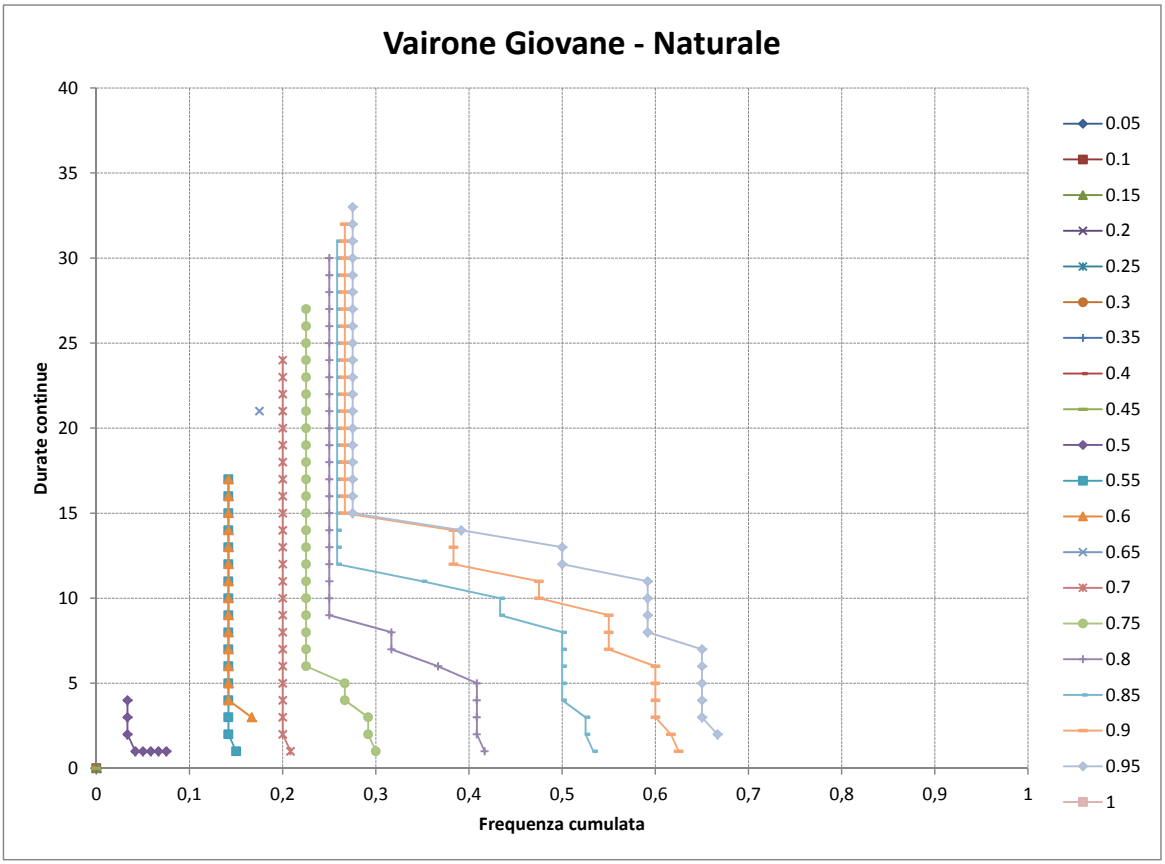

Fario Giovane - Naturale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

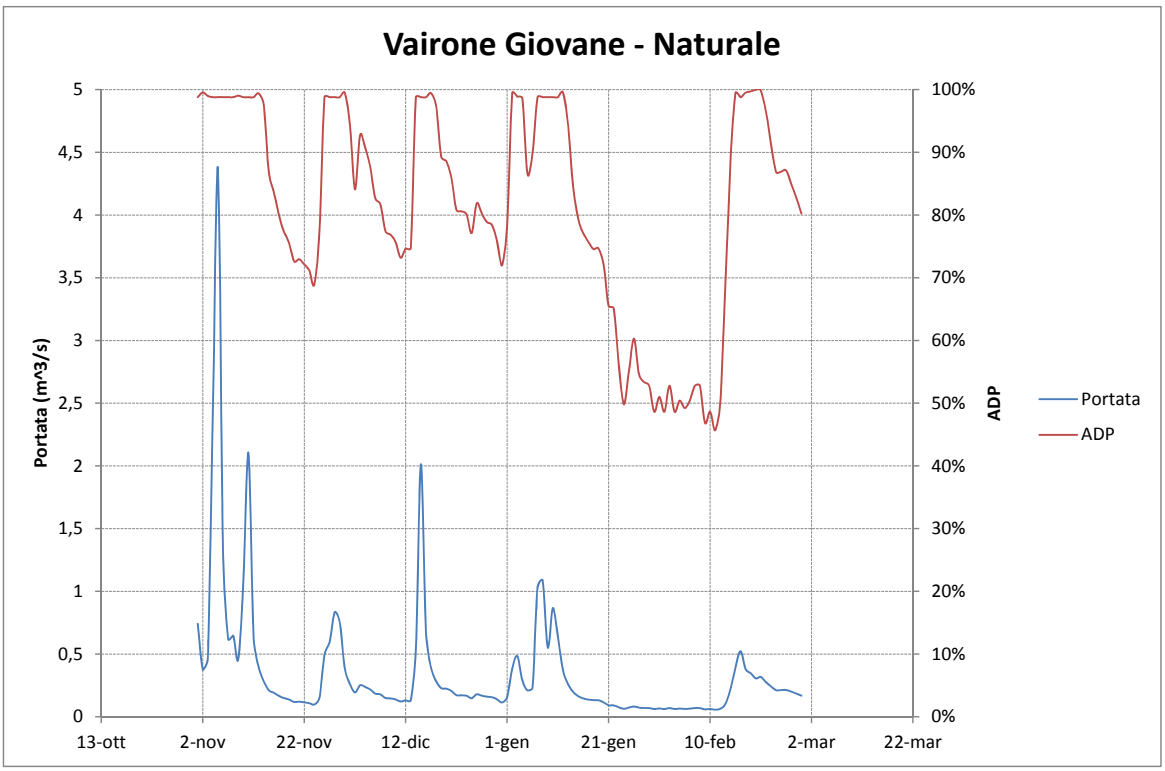

Fario 0+ - Naturale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

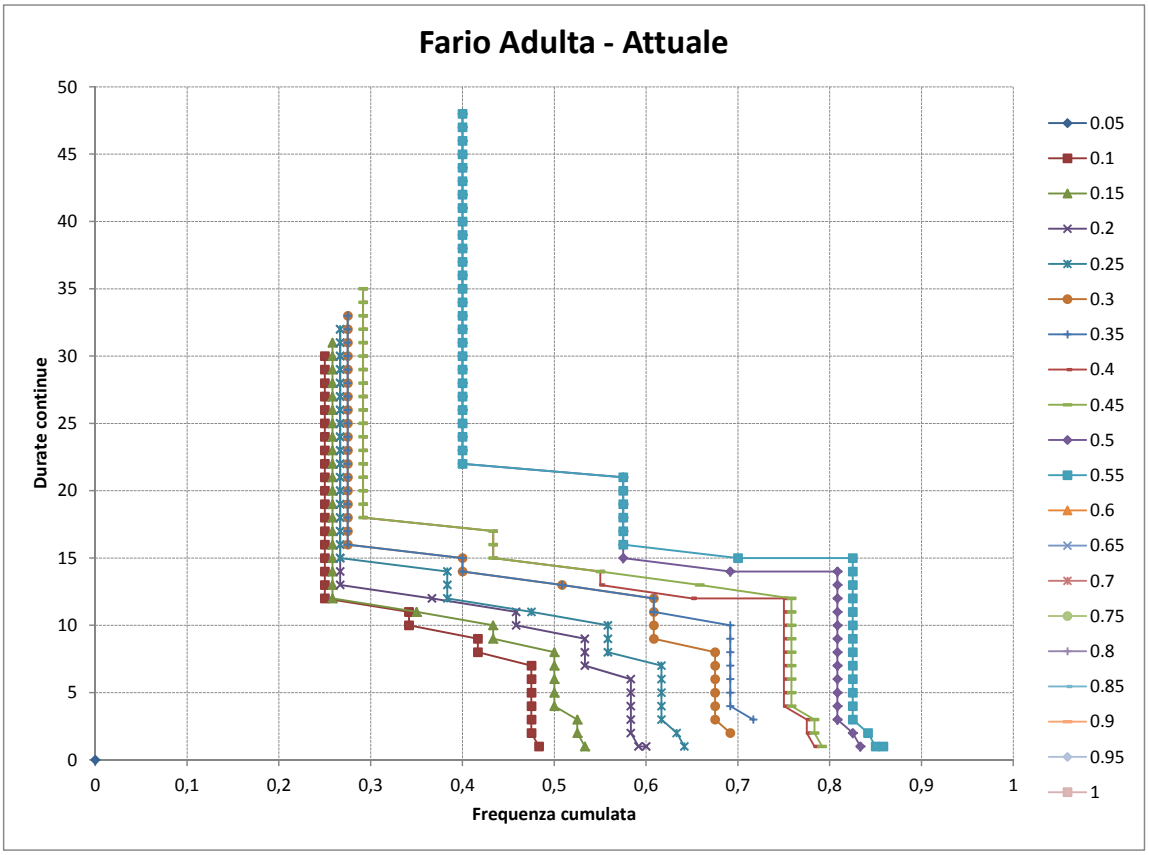

Fario 0+ - Naturale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

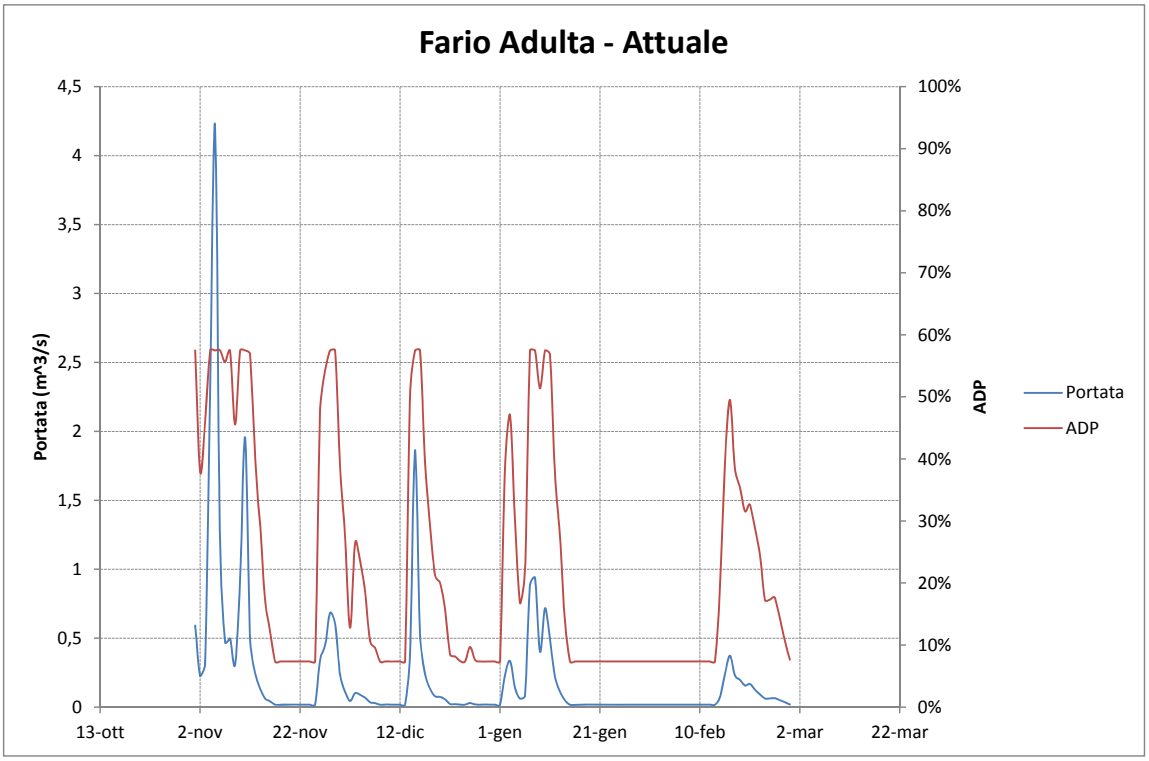

Vairone Adulta - Naturale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

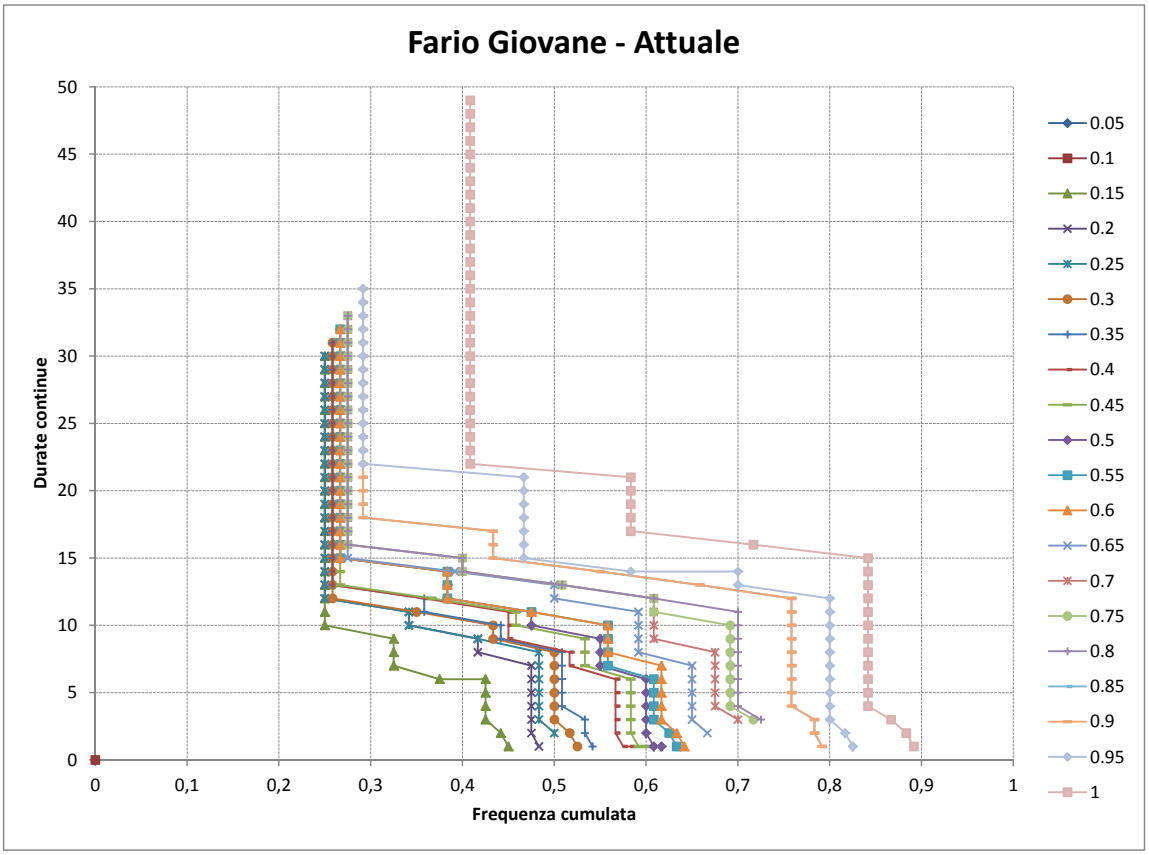

Vairone Adulta - Naturale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

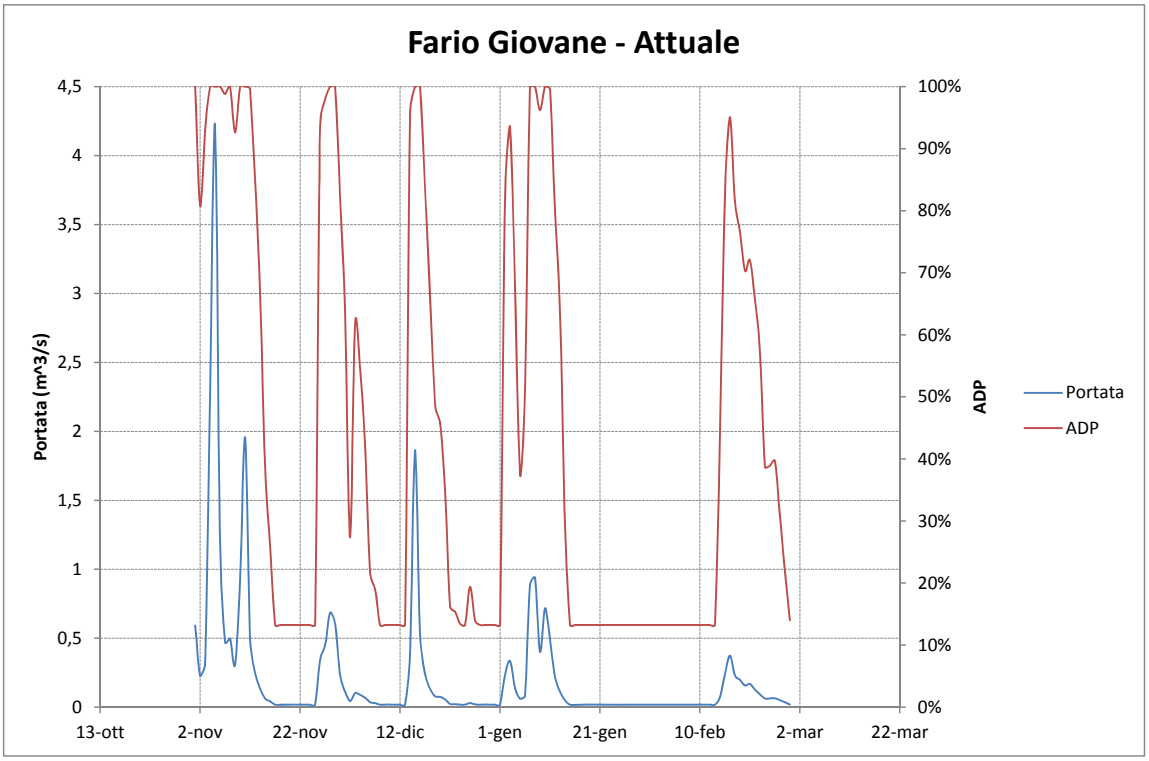

Vairone Giovane - Naturale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

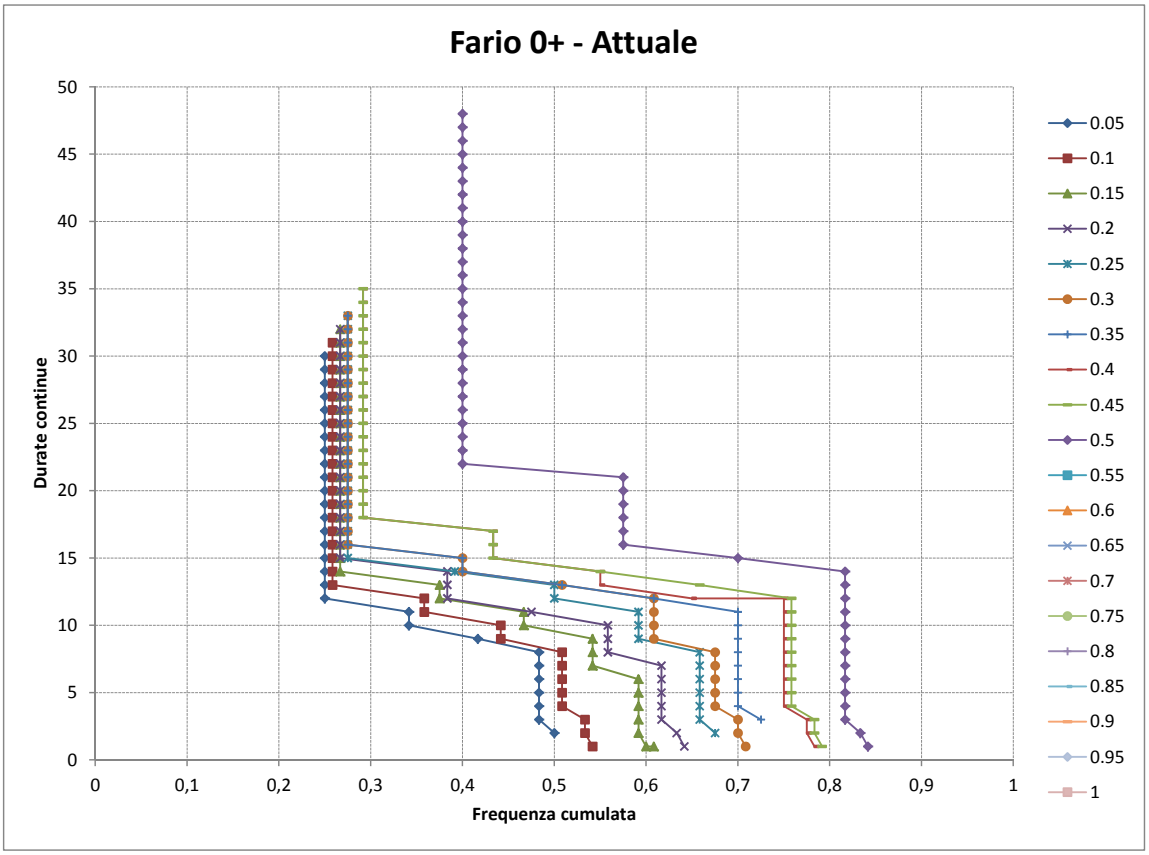

Vairone Giovane - Naturale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

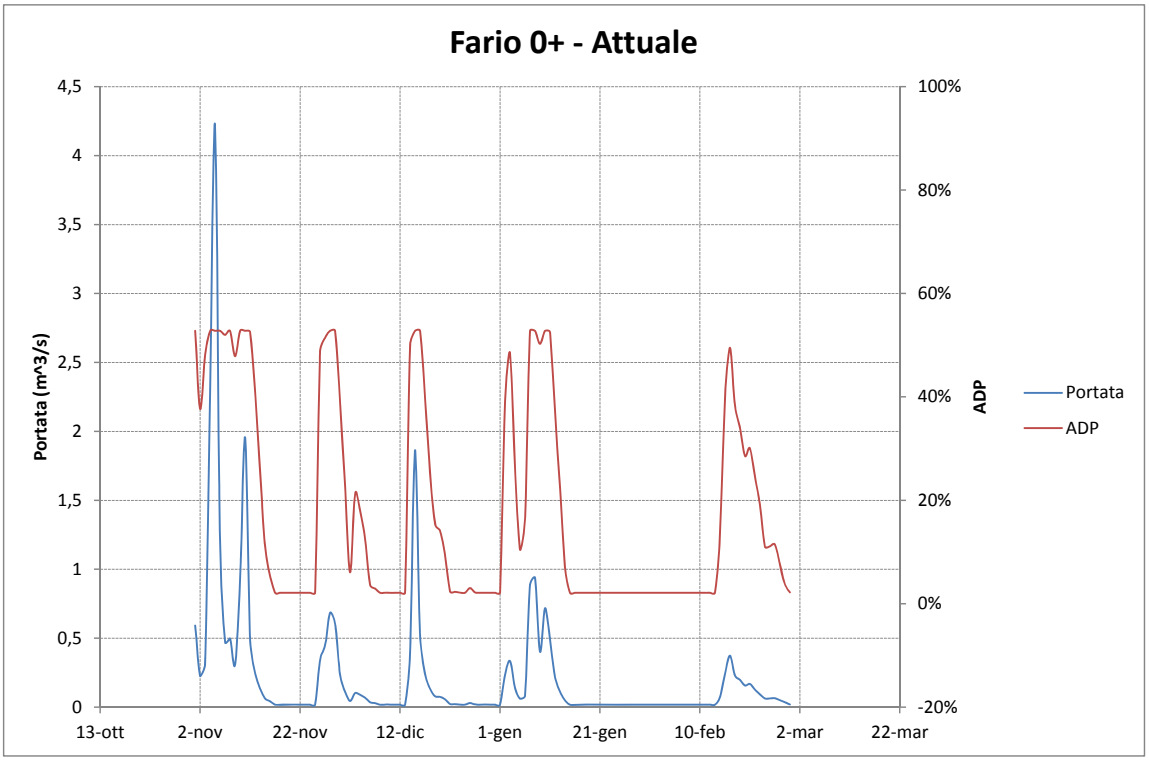

Fario Adulta - Attuale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
45
50
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

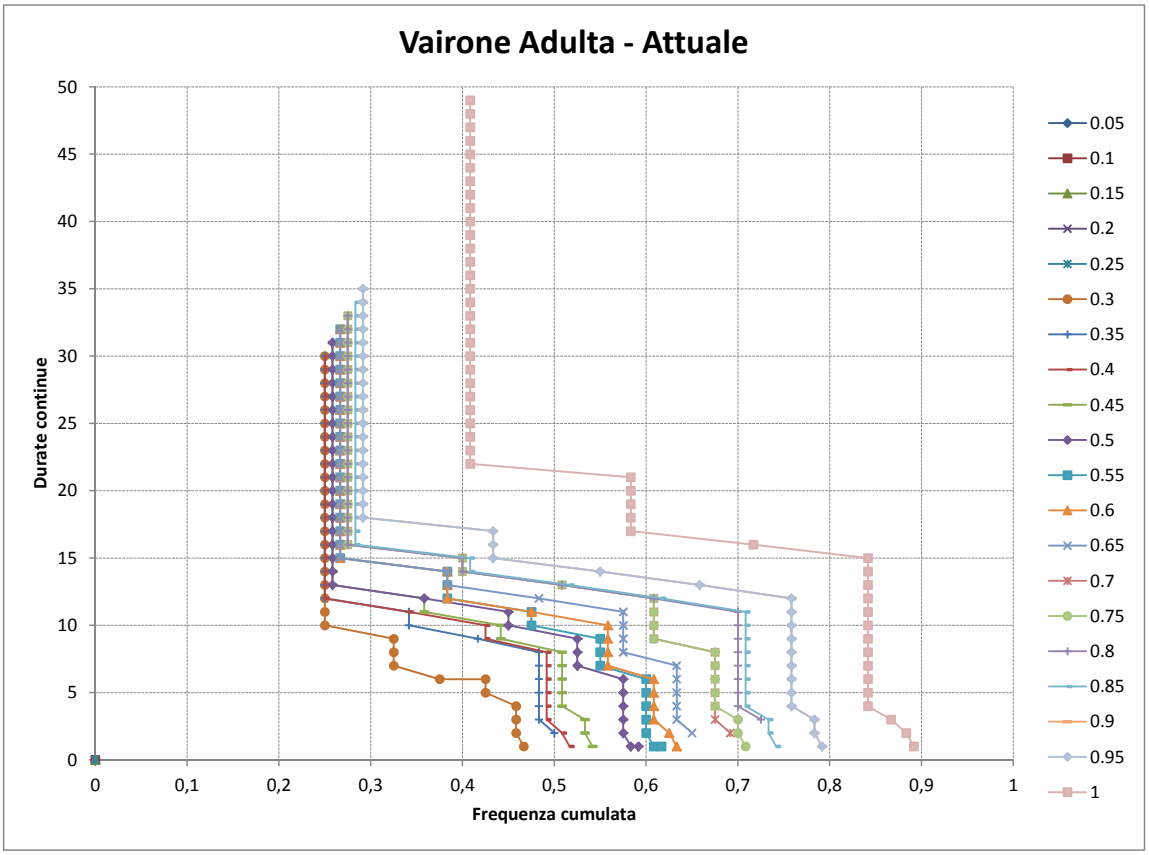

Fario Adulta - Attuale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

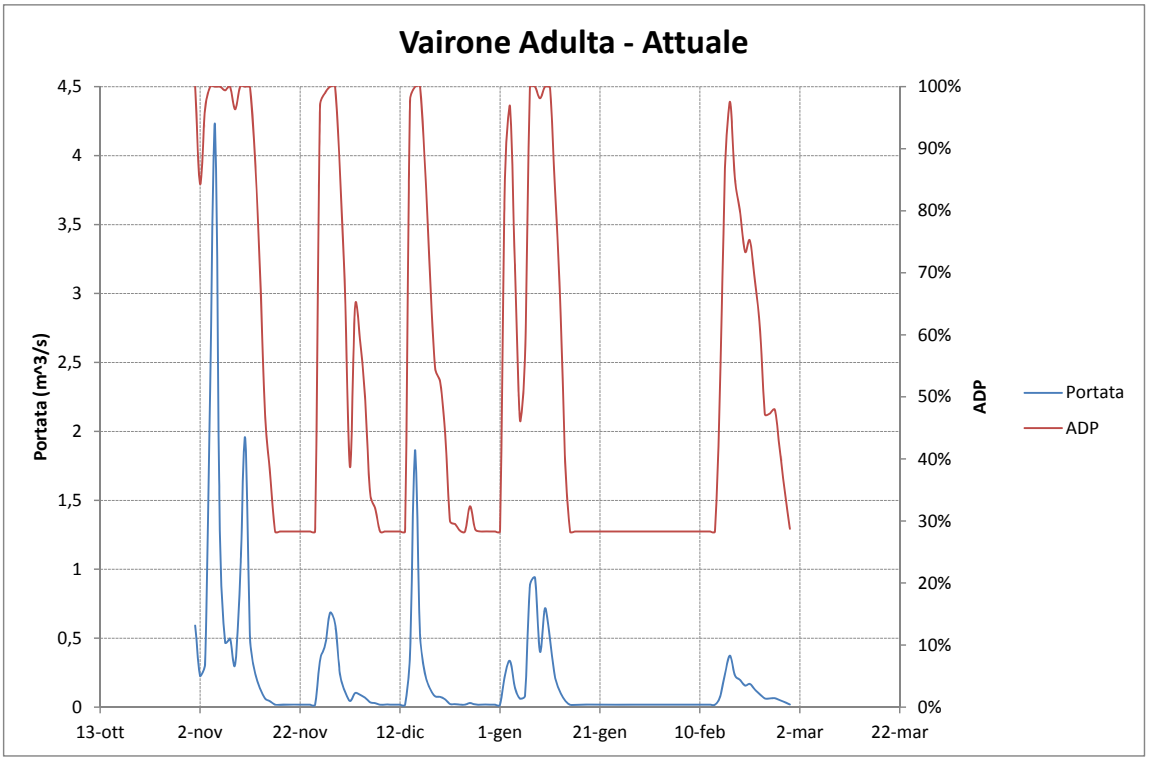

Fario Giovane - Attuale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
45
50
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

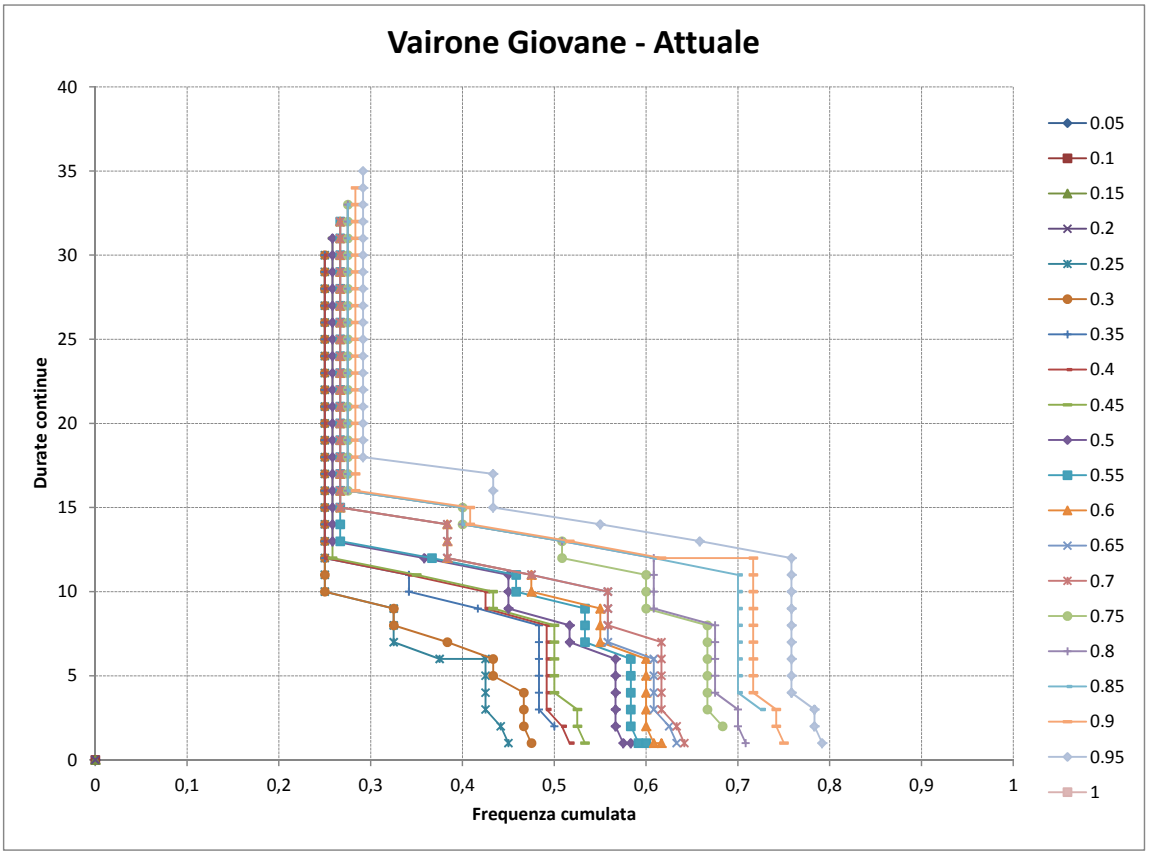

Fario Giovane - Attuale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

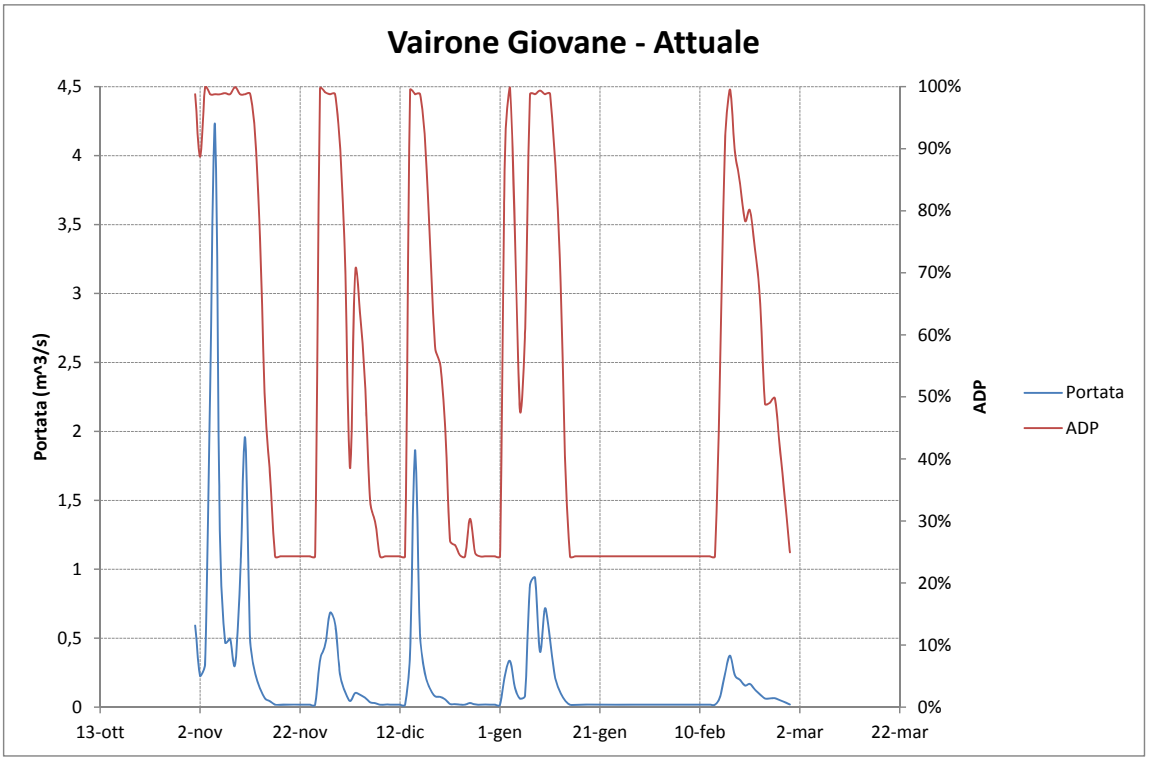

Fario 0+ - Attuale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
45
50
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

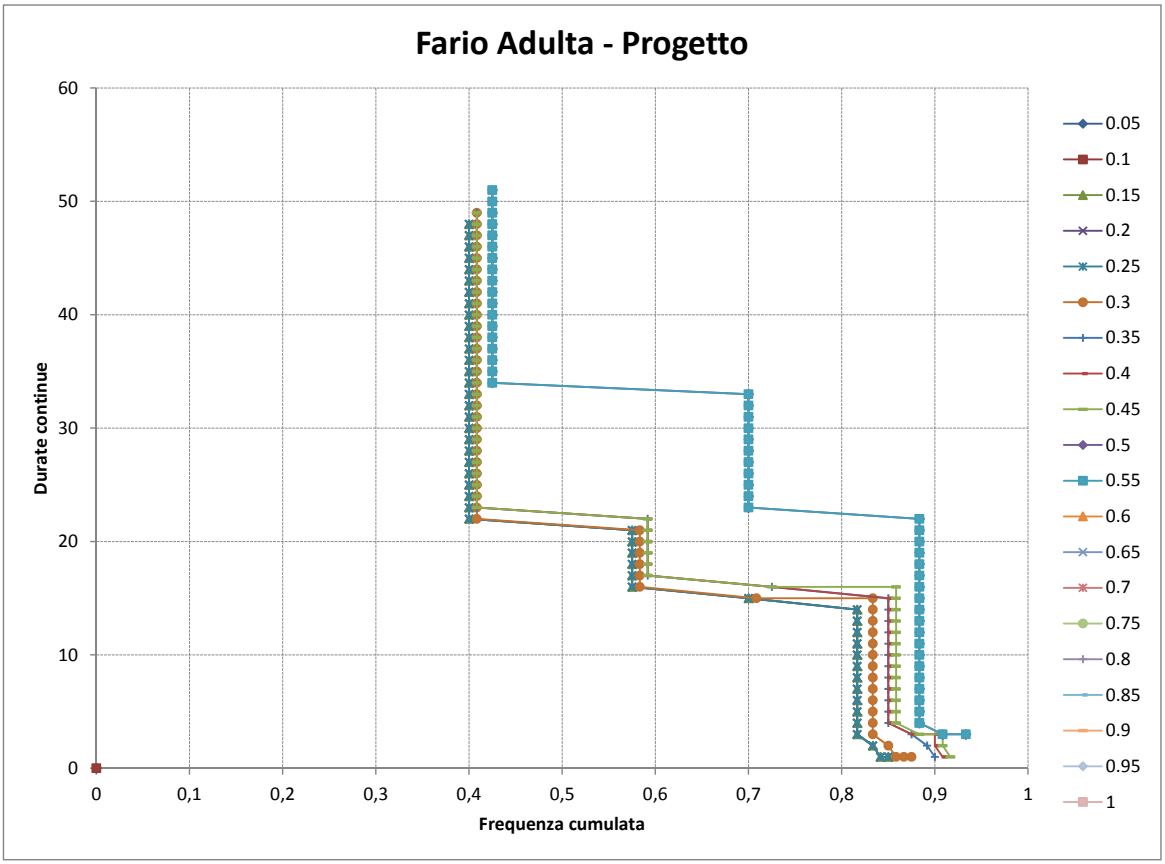

Fario 0+ - Attuale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
-20%
0%
20%
40%
60%
80%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

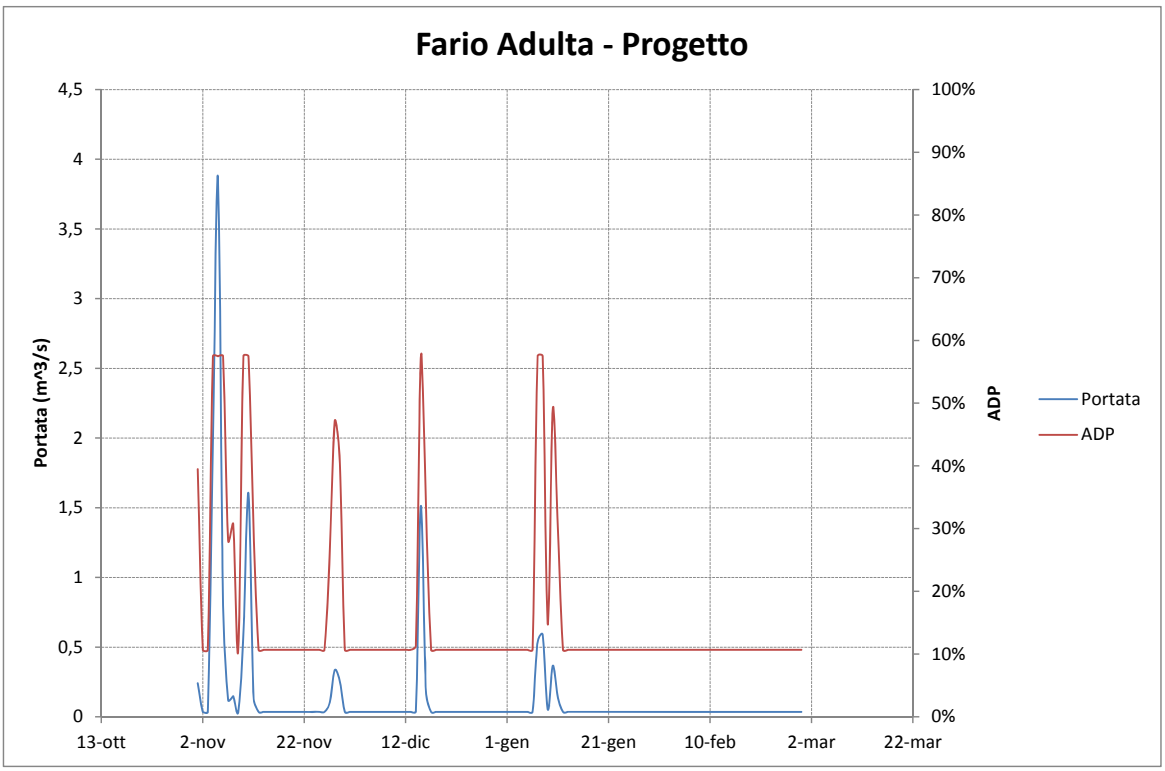

Vairone Adulta - Attuale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
45
50
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

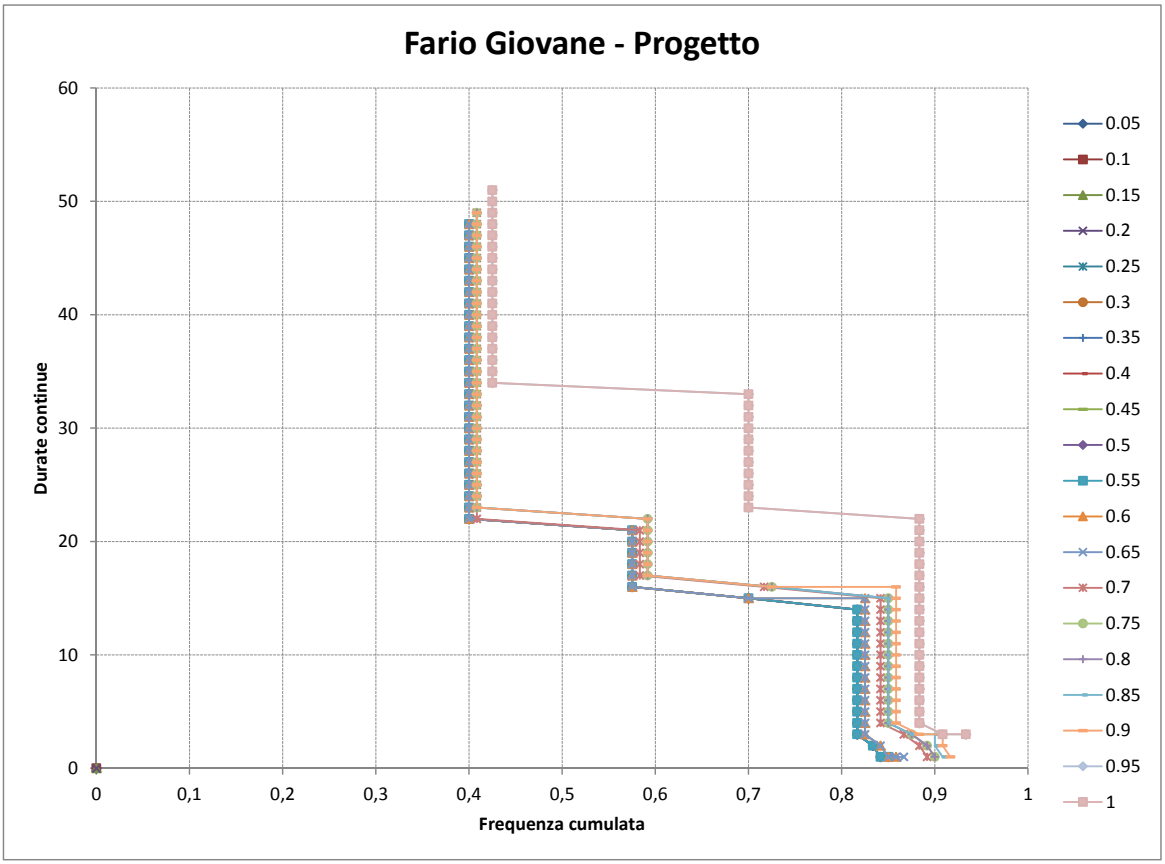

Vairone Adulta - Attuale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

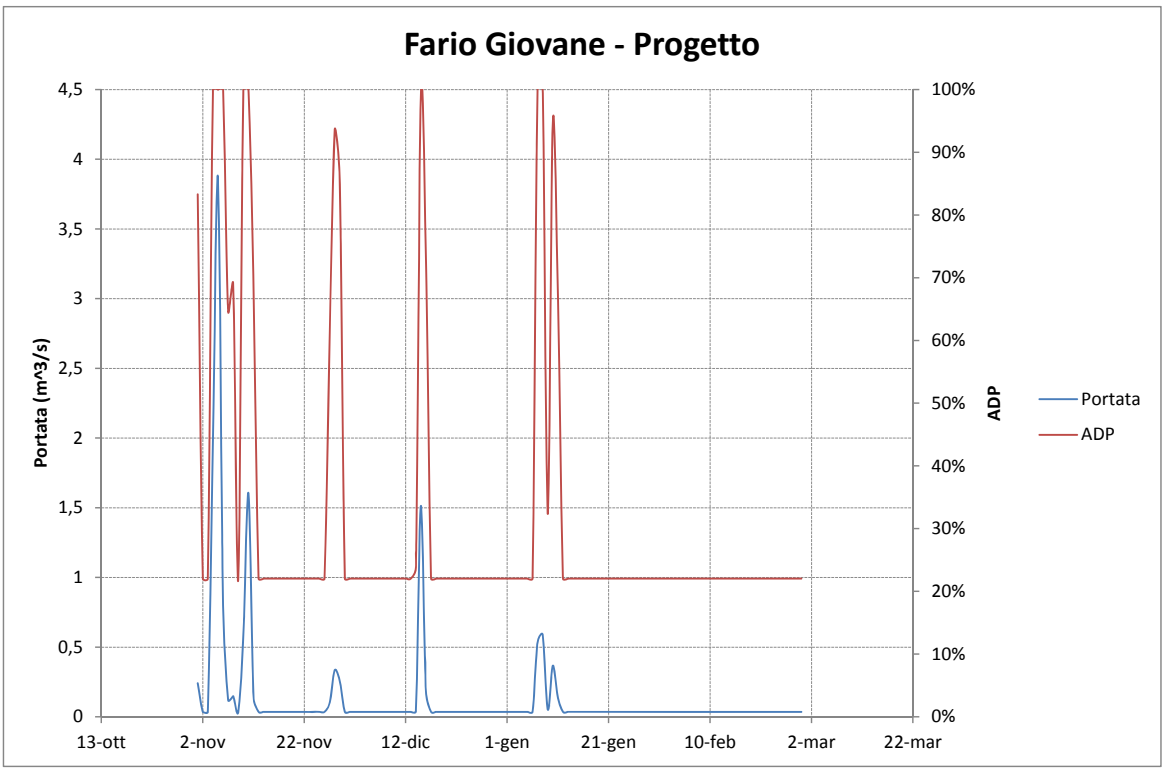

Vairone Giovane - Attuale
Durate continue
Frequenza cumulata
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

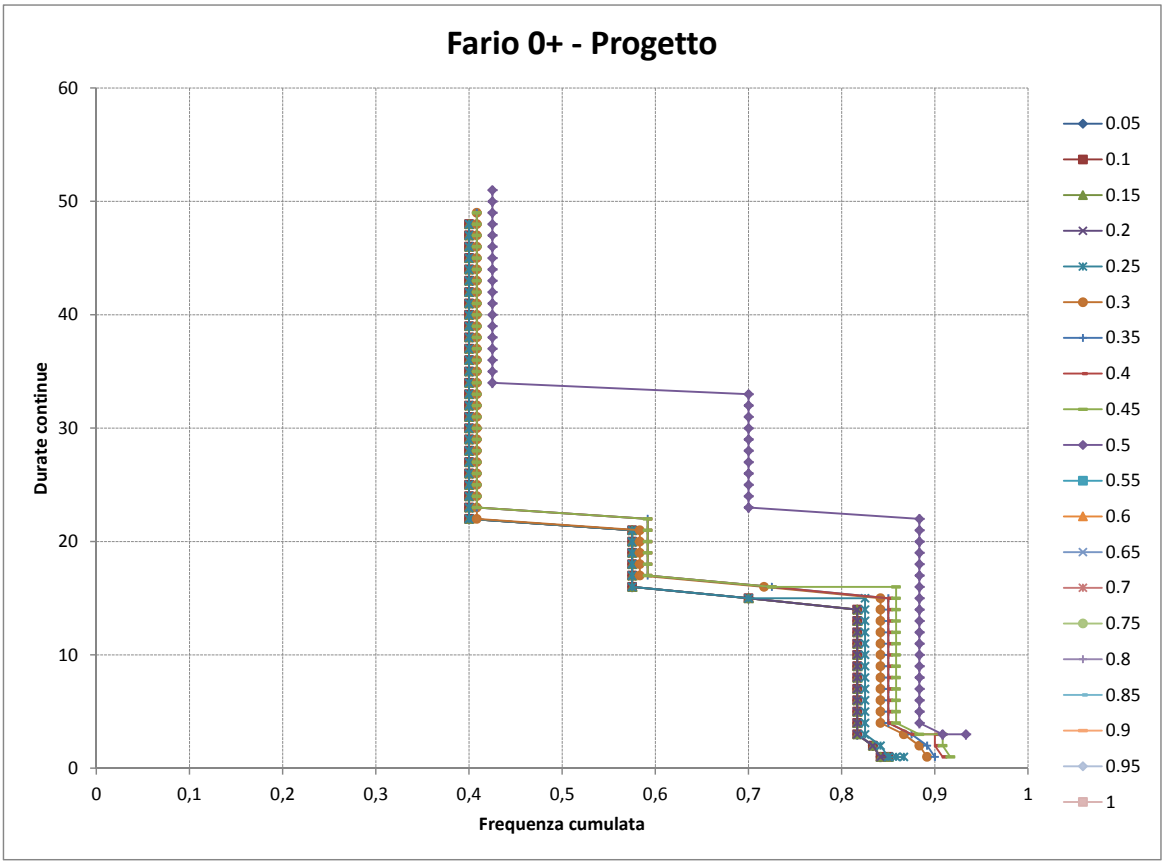

Vairone Giovane - Attuale
Portata (m^3/s)
ADP
Portata
ADP
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar

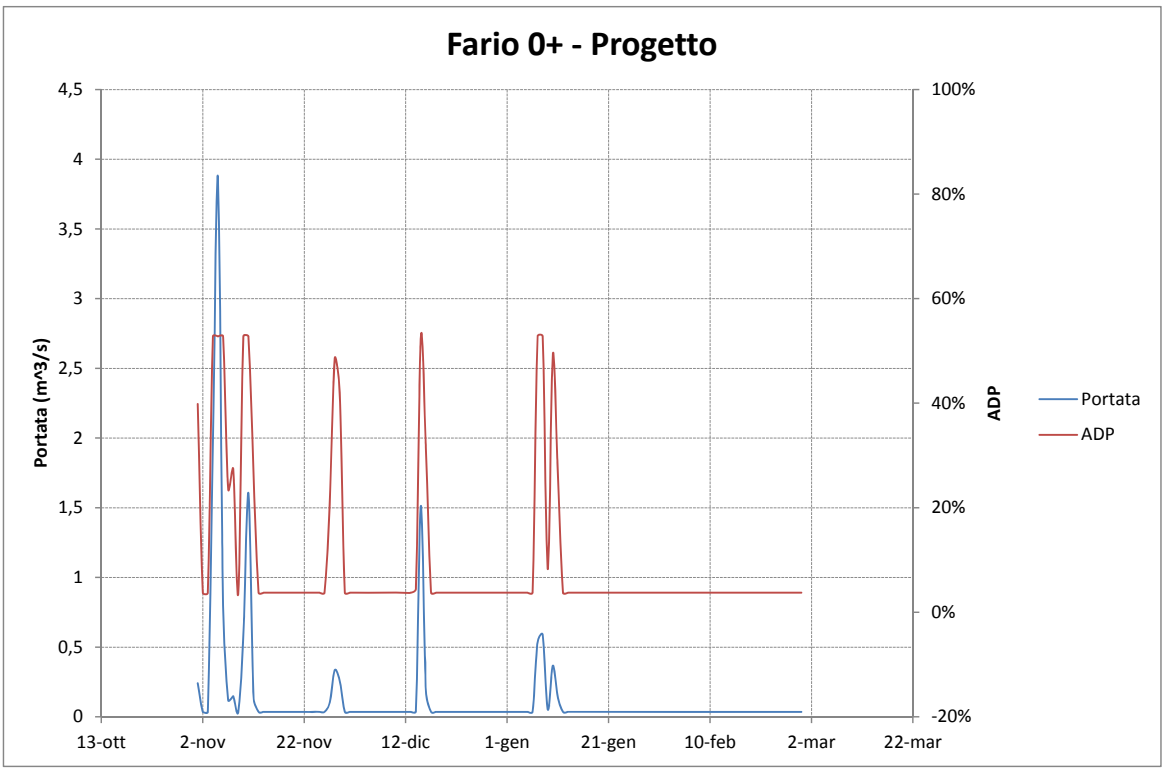

Fario Adulta - Progetto
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

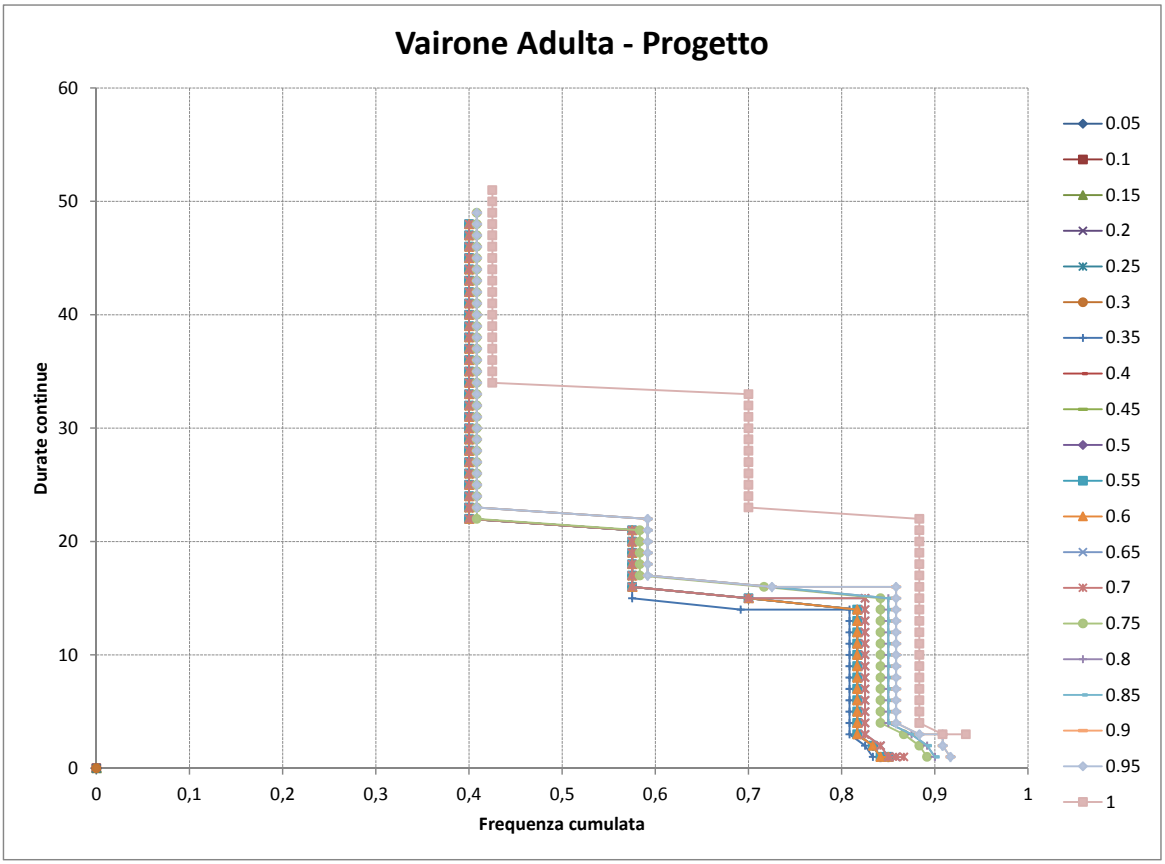

Fario Adulta - Progetto
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

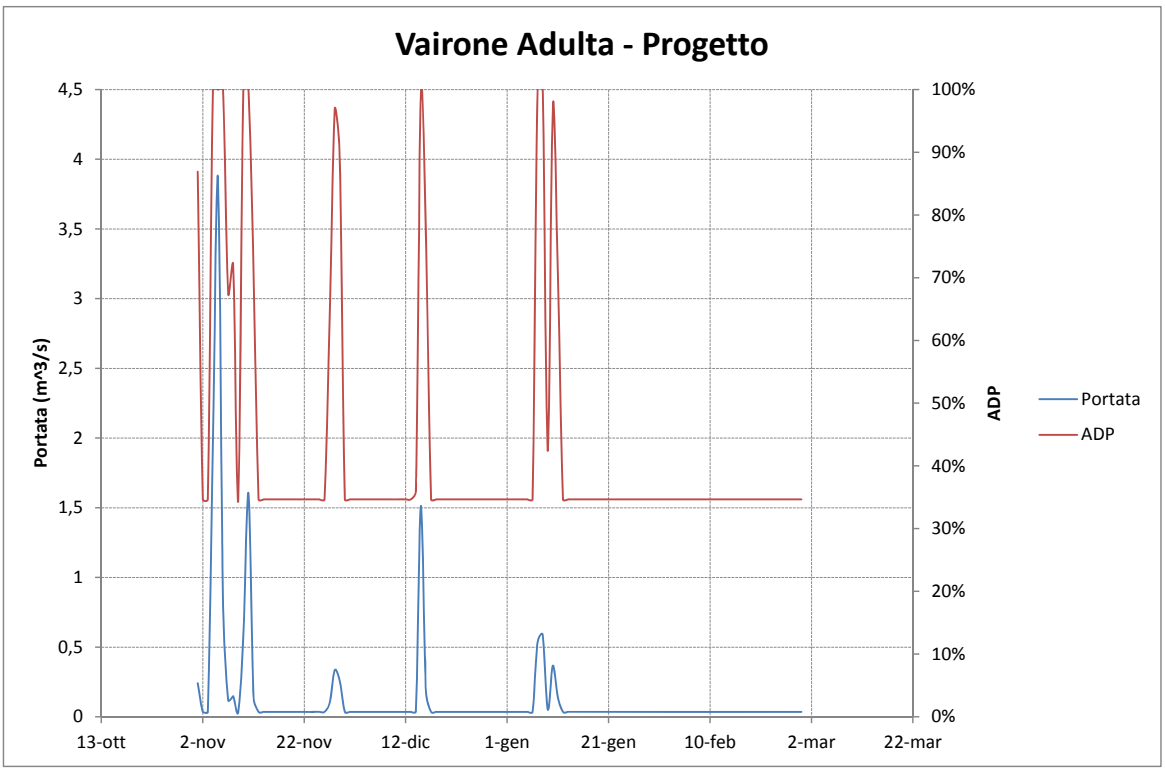

Fario Giovane - Progetto
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

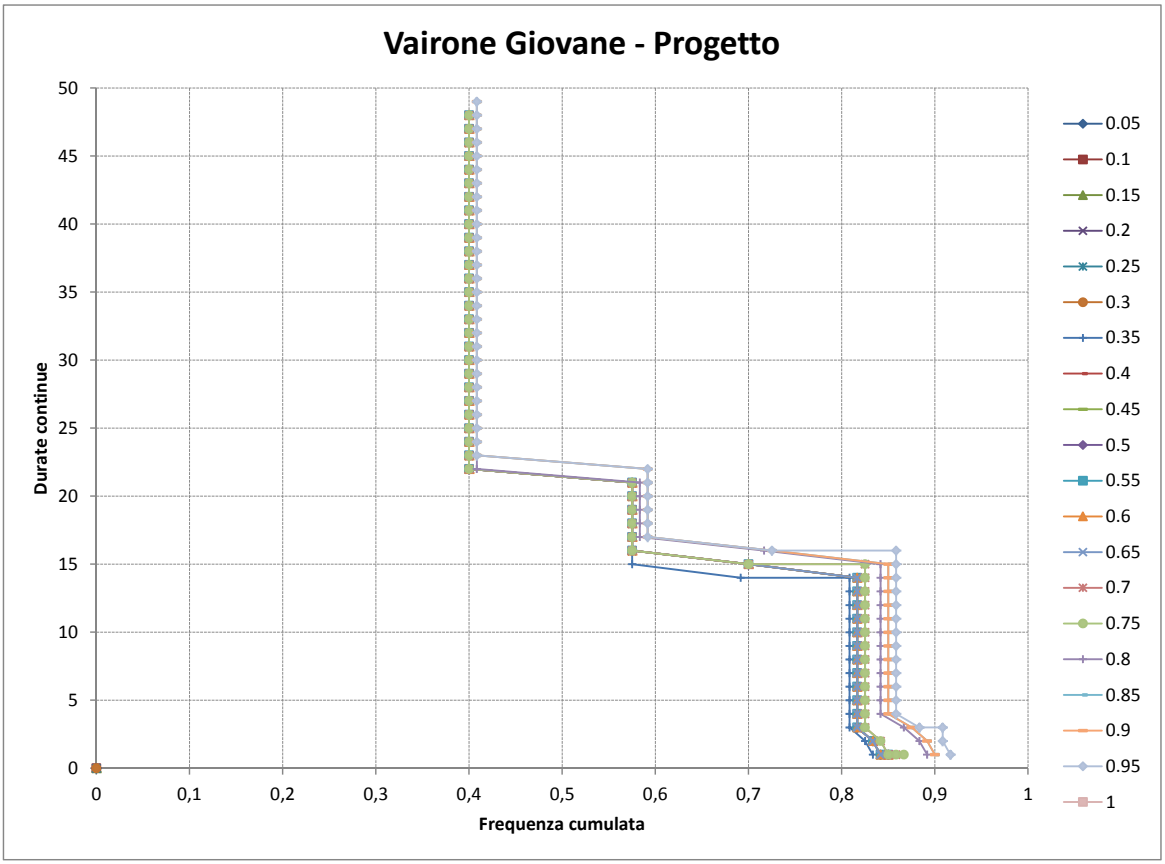

Fario Giovane - Progetto
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

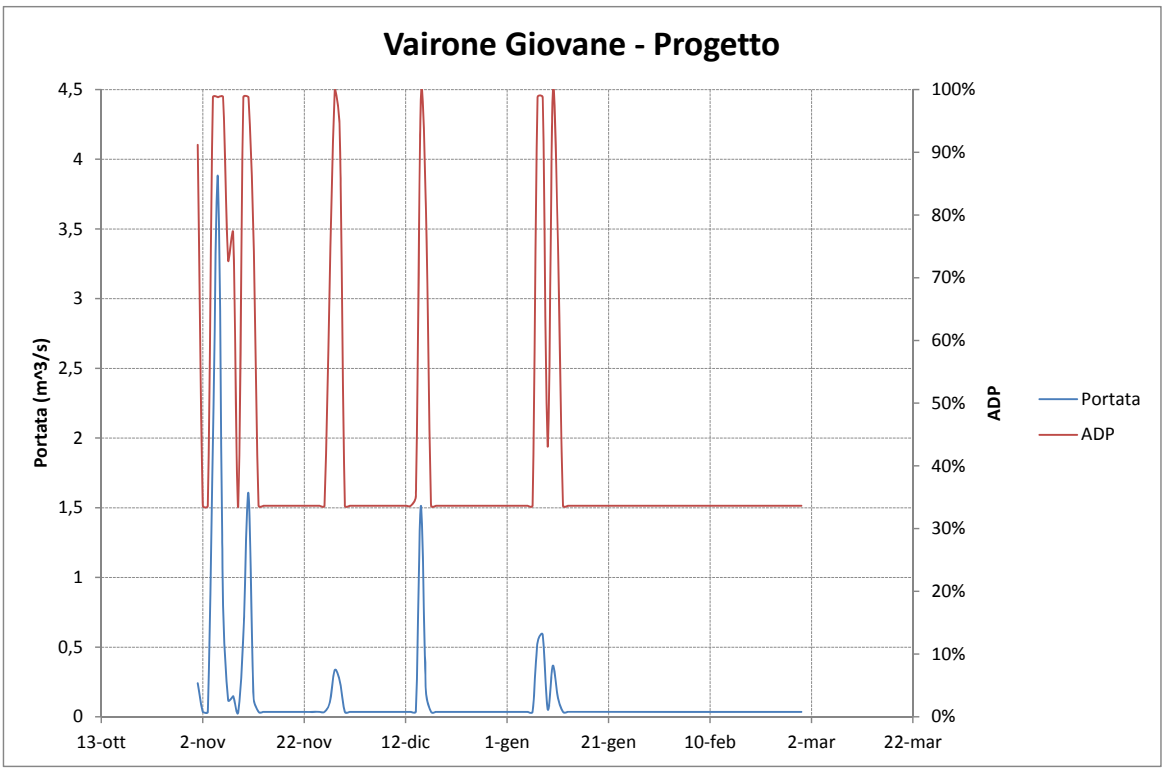

Fario 0+ - Progetto
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1


Fario 0+ - Progetto
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
-20%
0%
20%
40%
60%
80%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP


Vairone Adulta - Progetto
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

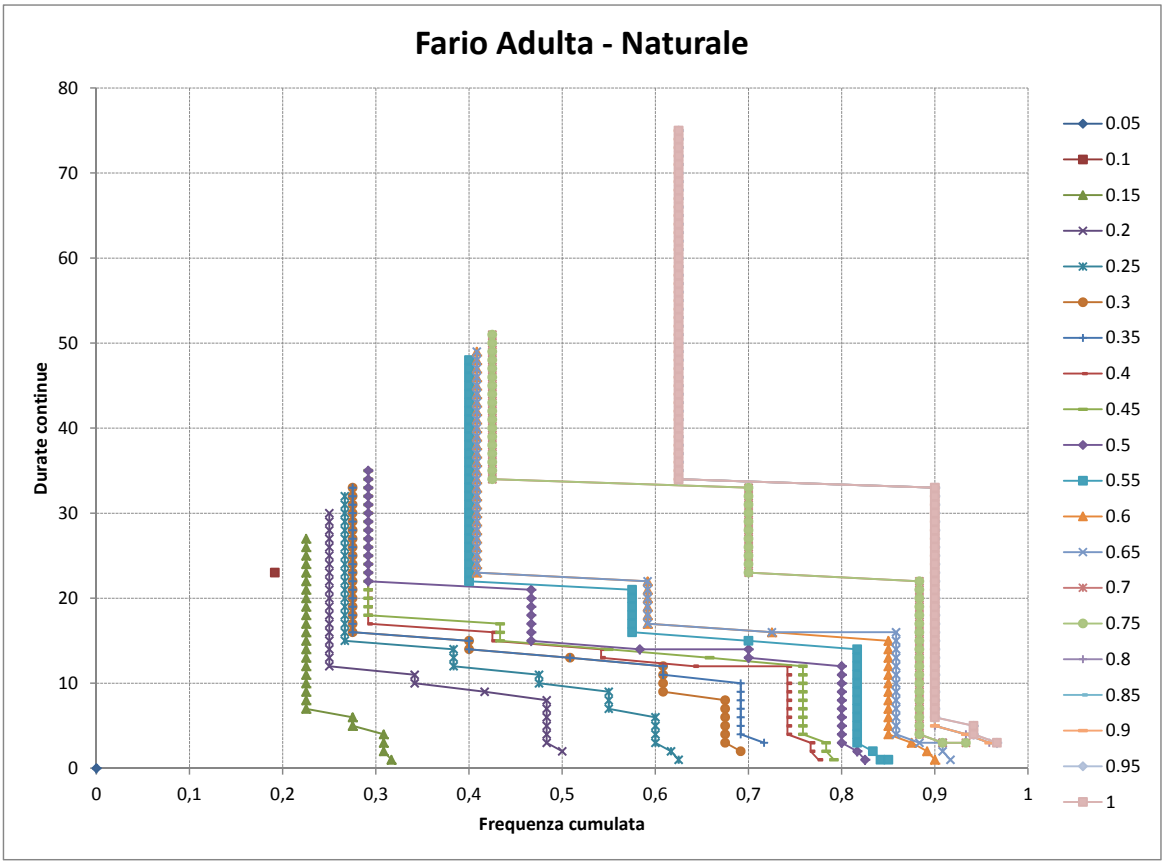

Vairone Adulta - Progetto
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

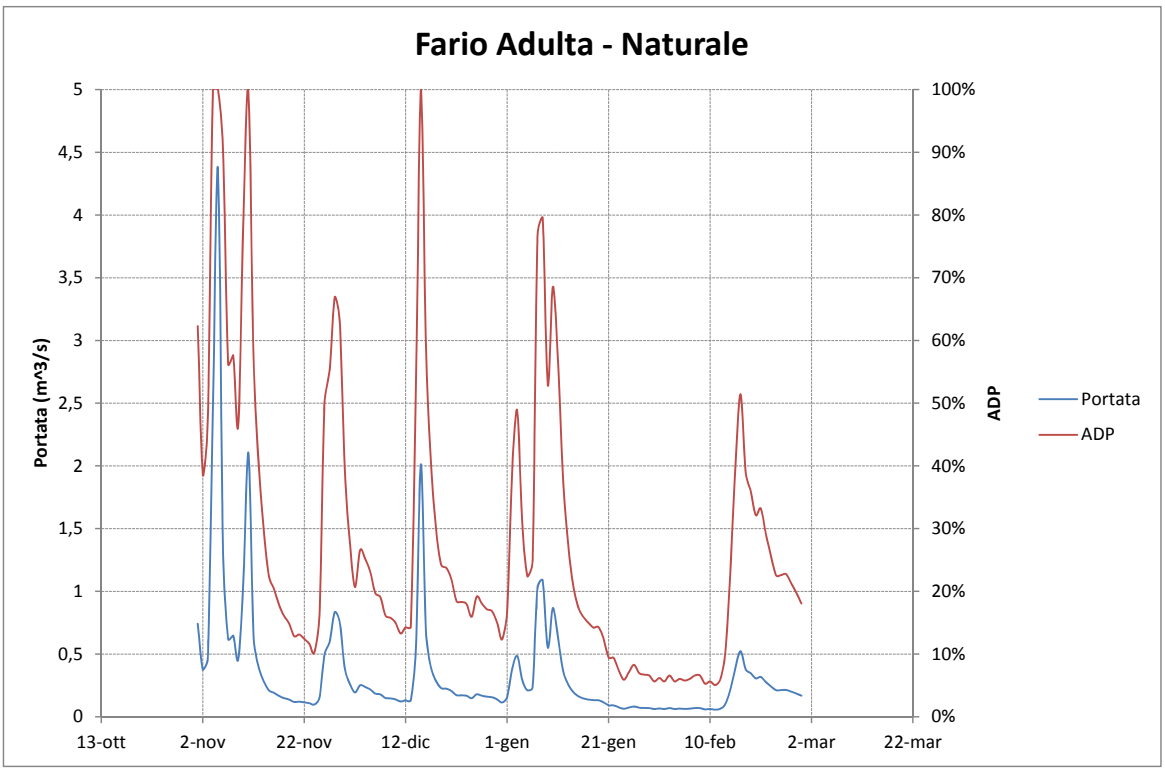

Vairone Giovane - Progetto
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
45
50
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

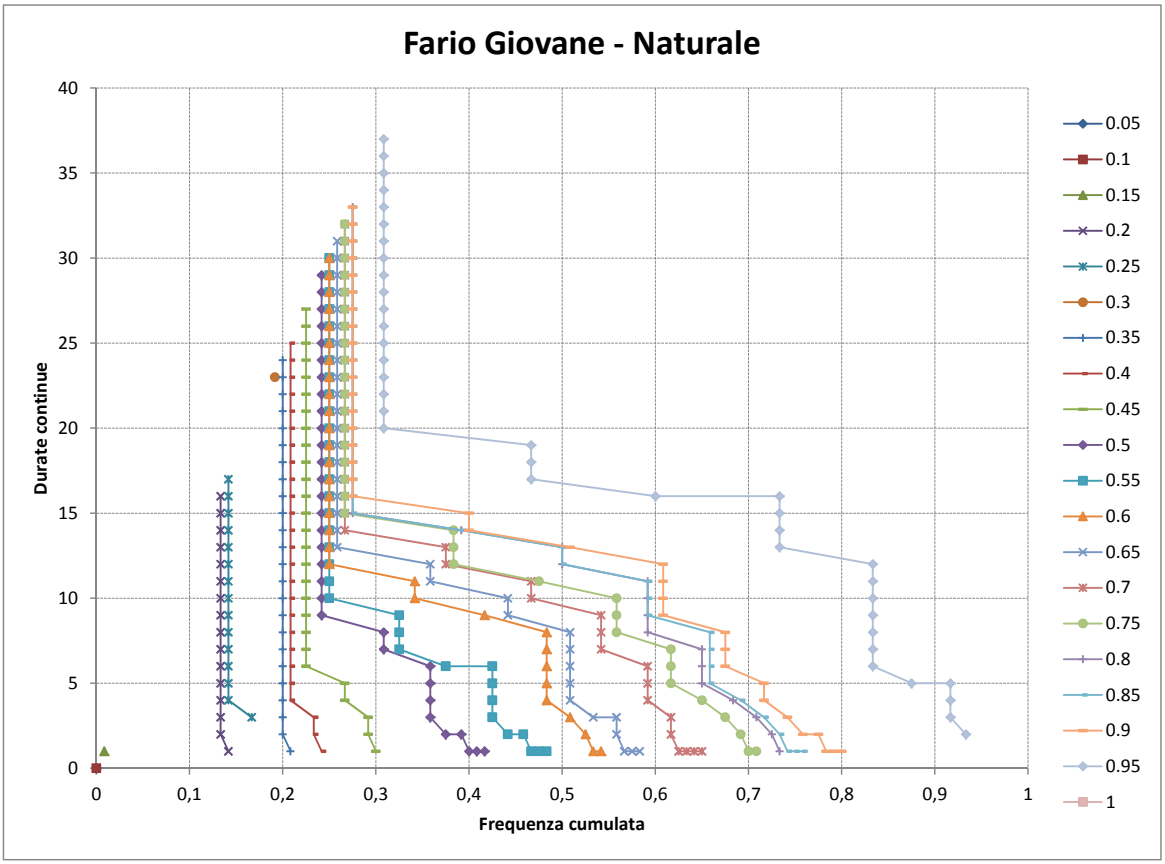

Vairone Giovane - Progetto
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

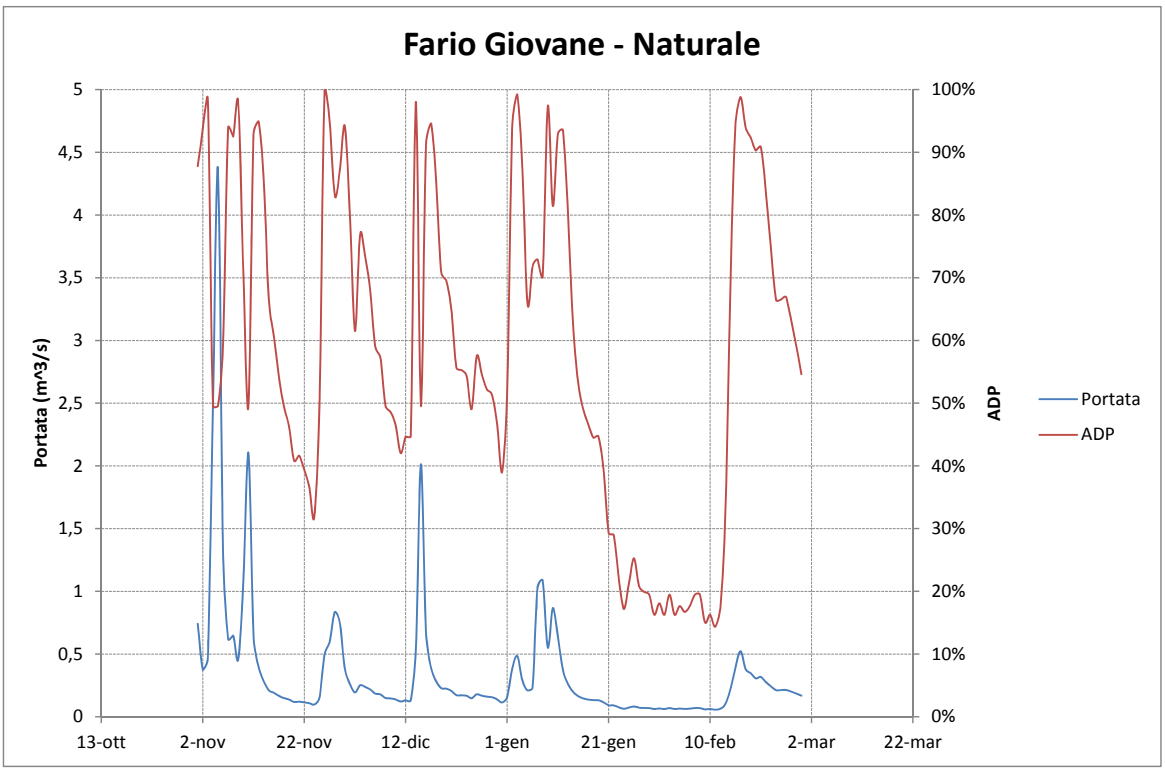
ALLEGATO 3 – UCUT curves

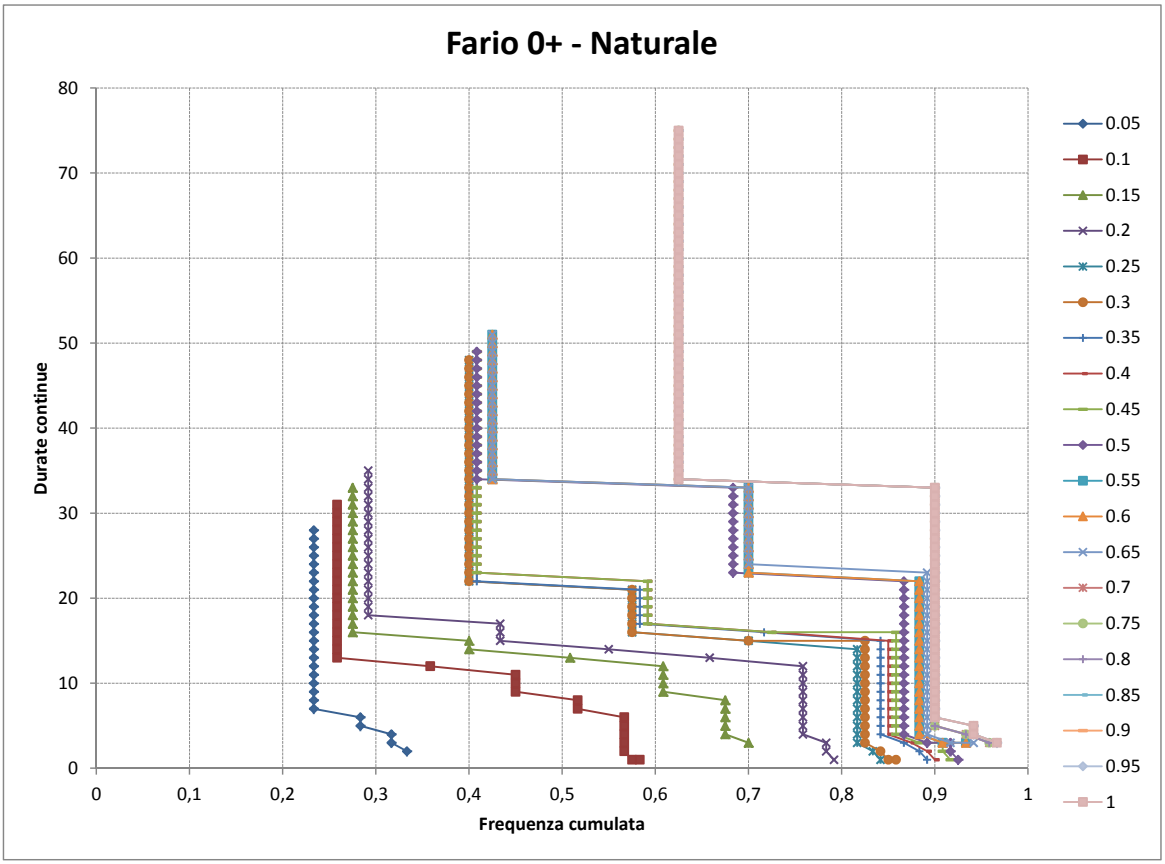
3.2 Dugaia 03

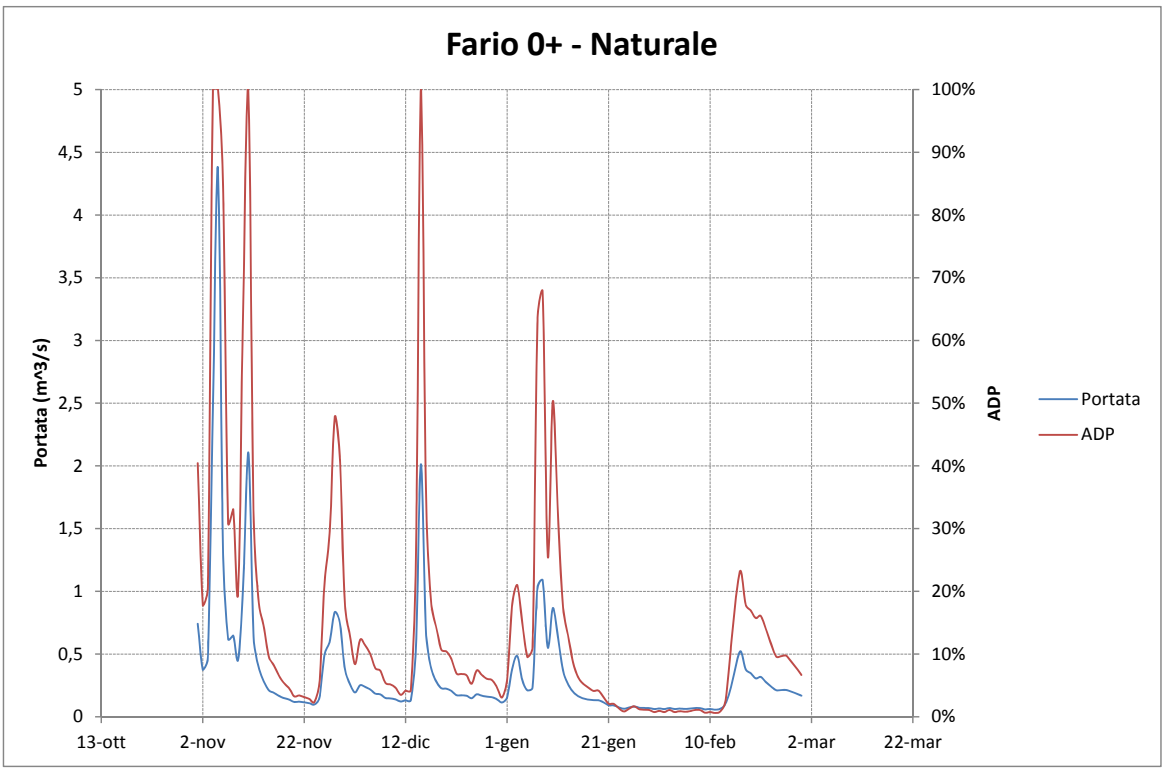

Fario Adulta - Naturale
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
70
80
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

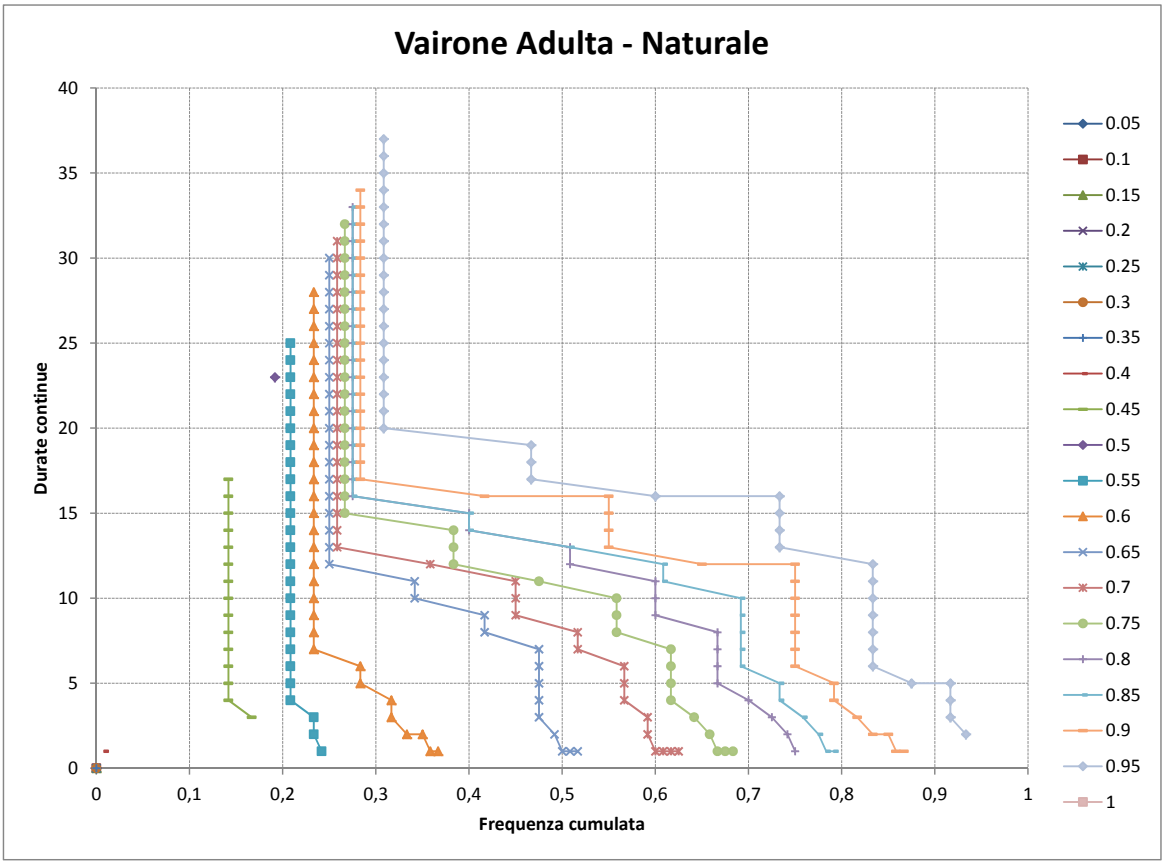

Fario Adulta - Naturale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

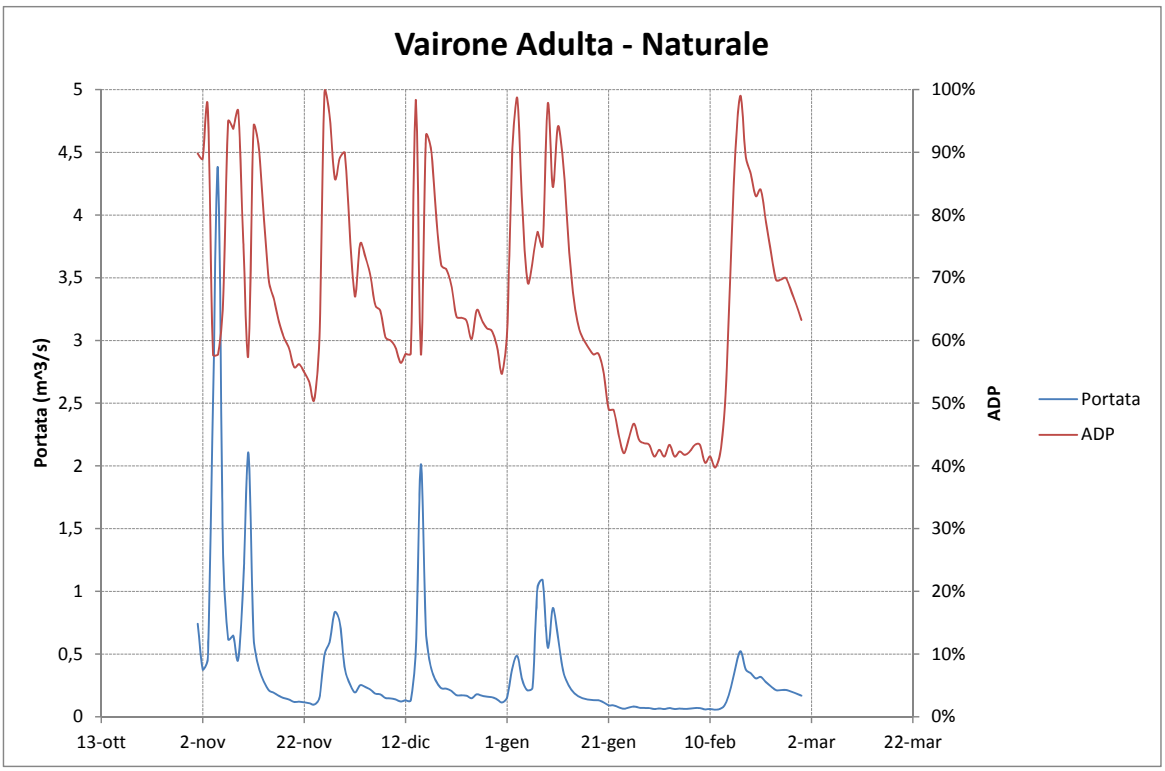

Fario Giovane - Naturale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

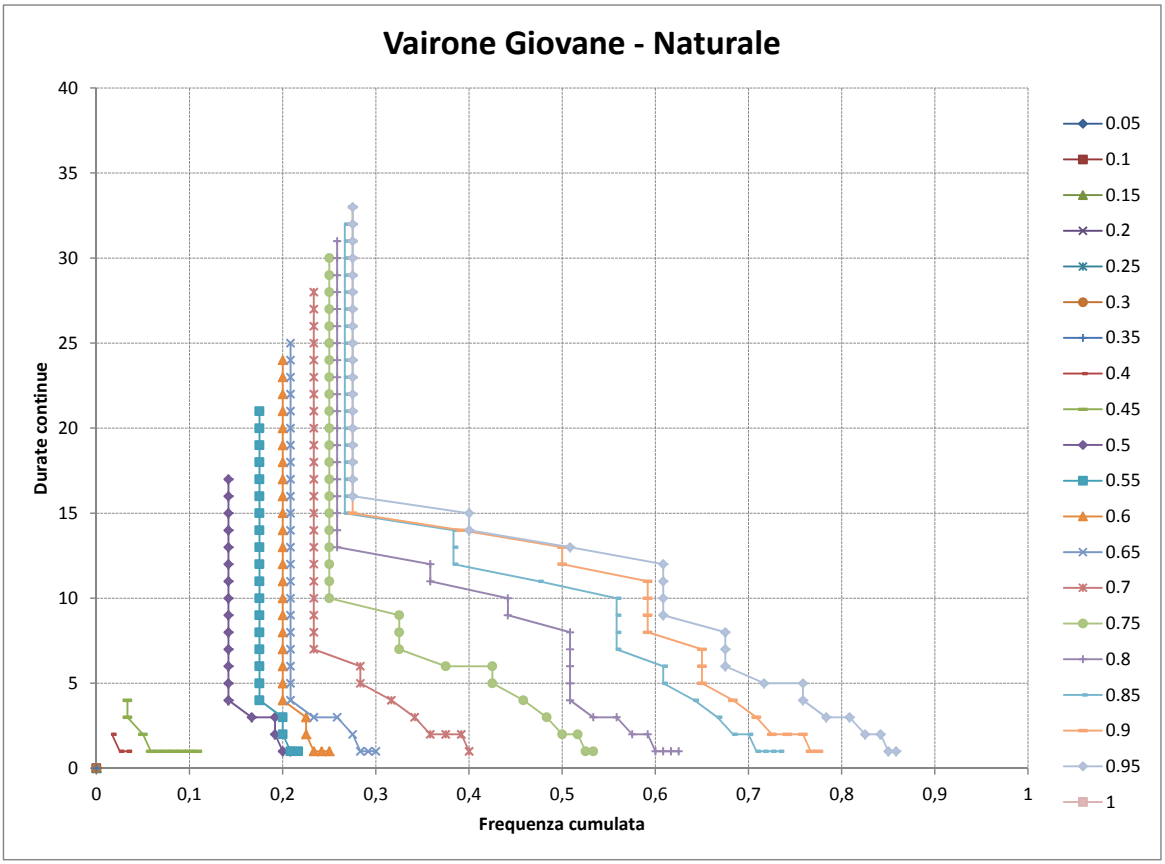

Fario Giovane - Naturale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

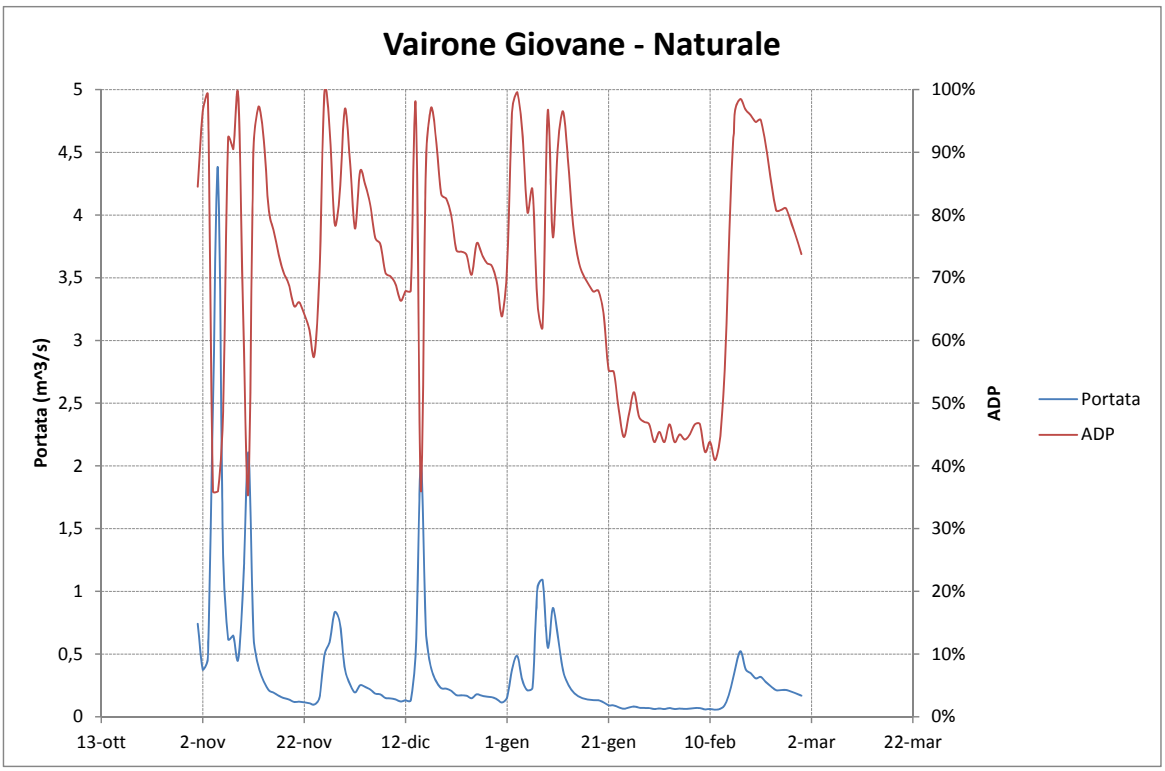

Fario 0+ - Naturale
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
70
80
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

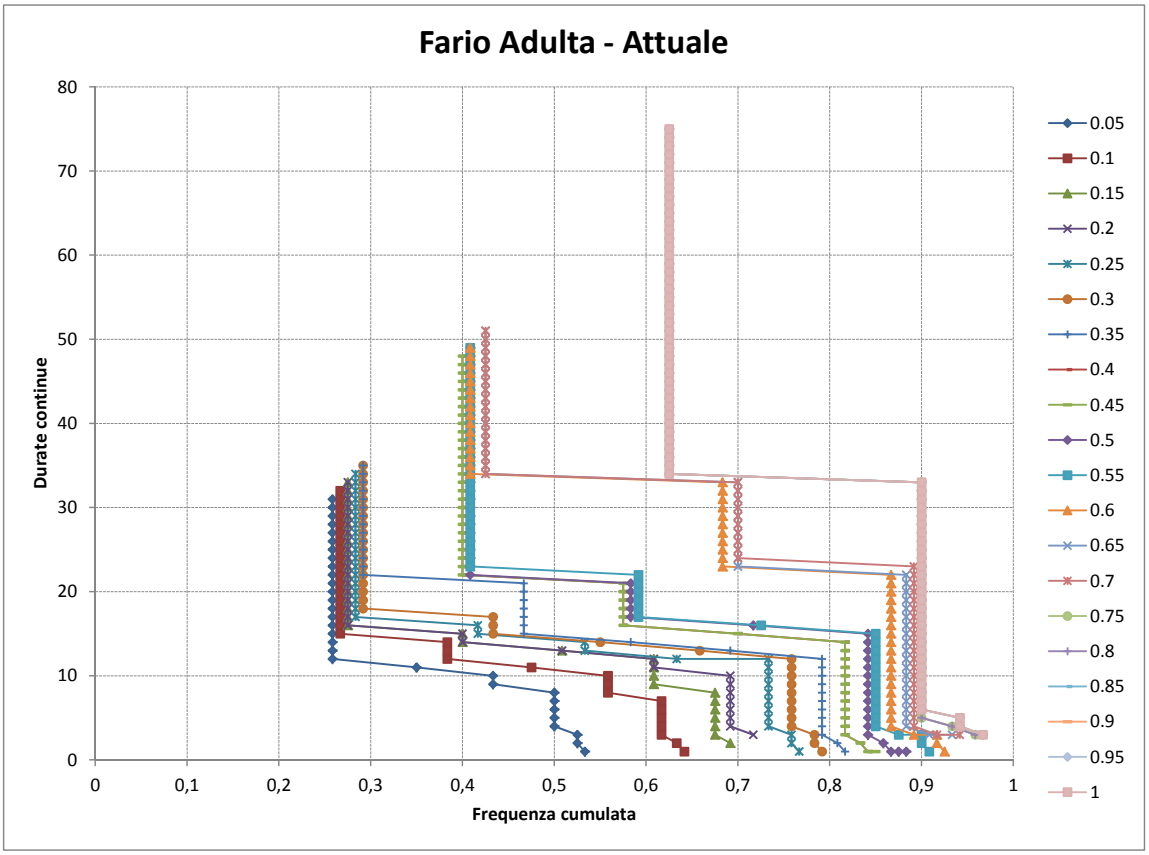

Fario 0+ - Naturale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

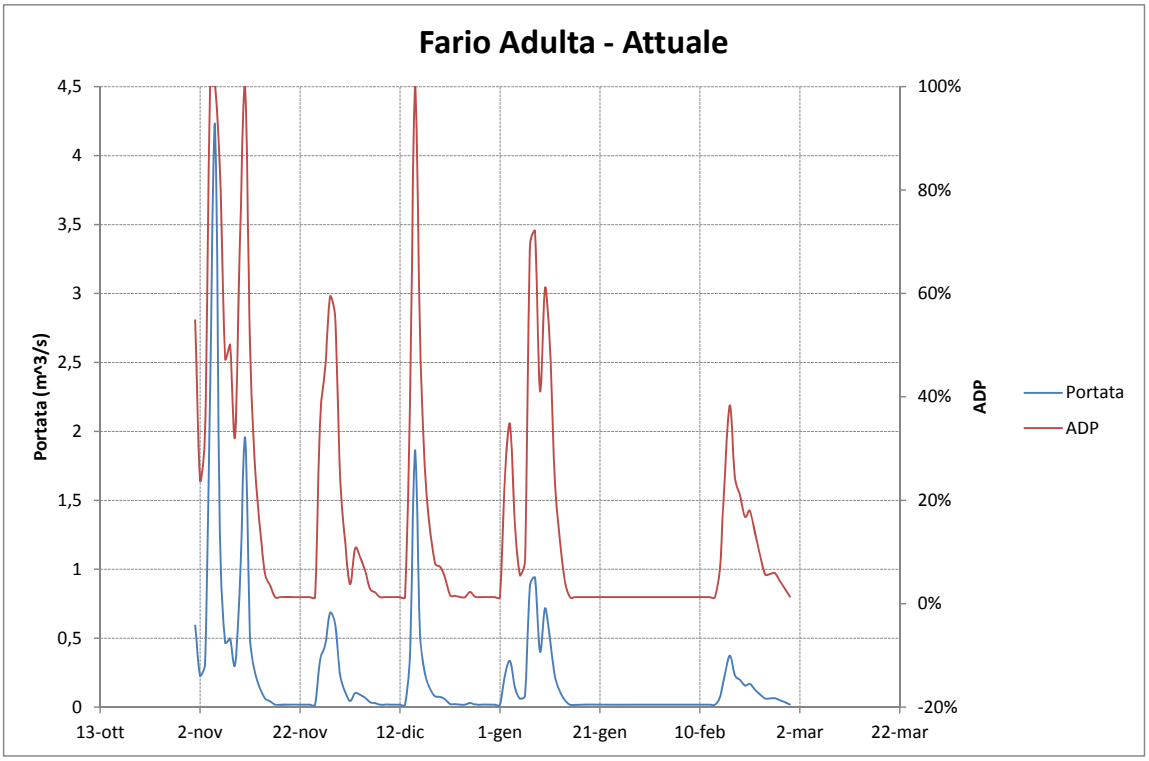

Vairone Adulta - Naturale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

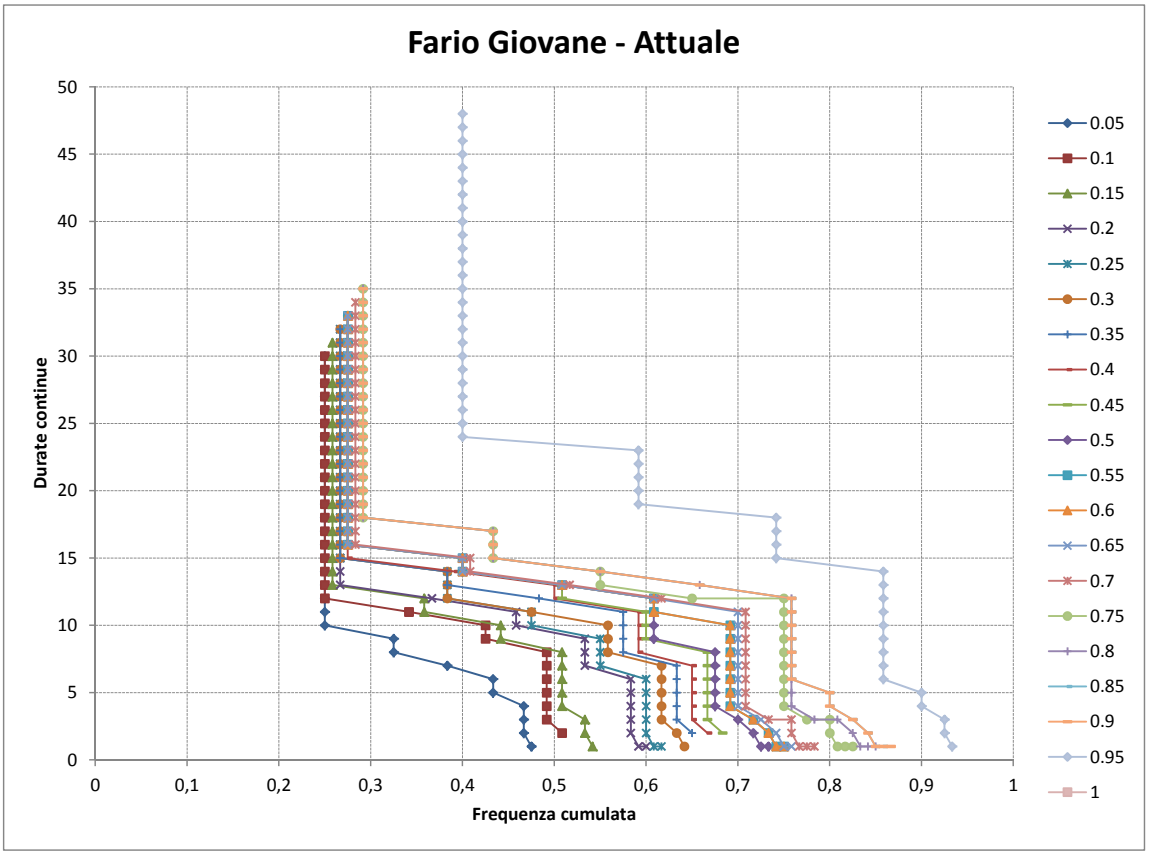

Vairone Adulta - Naturale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

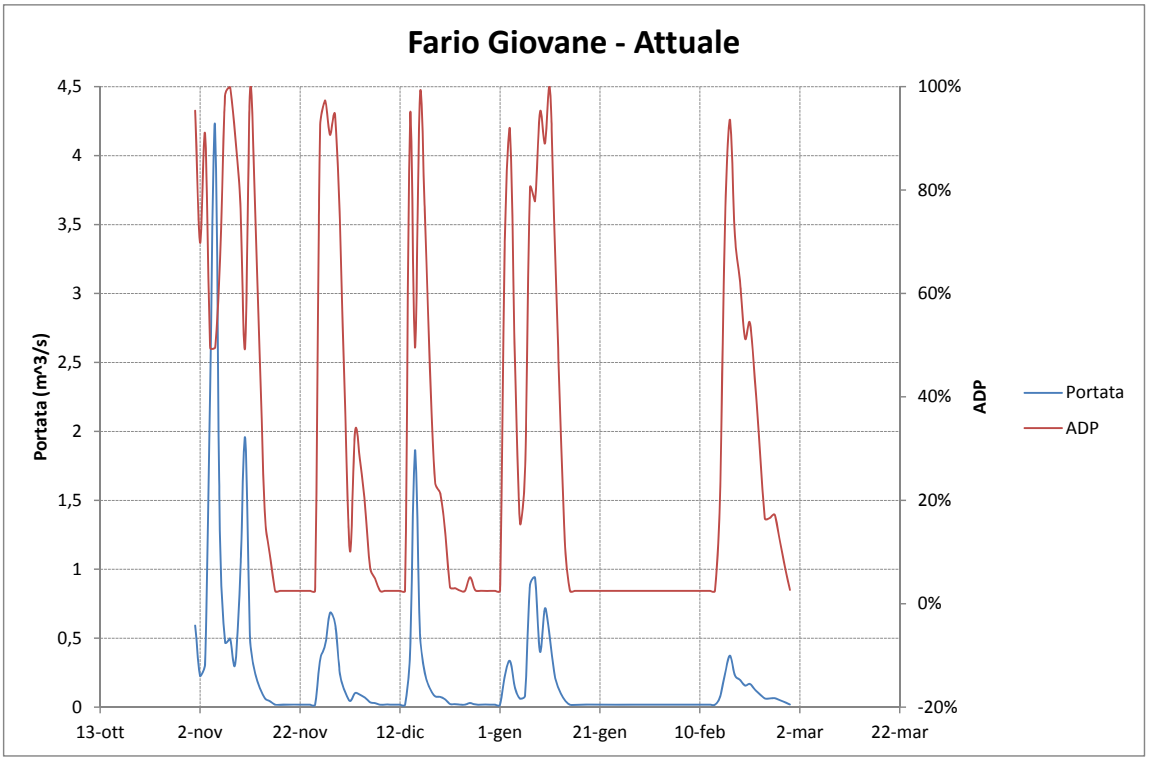

Vairone Giovane - Naturale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

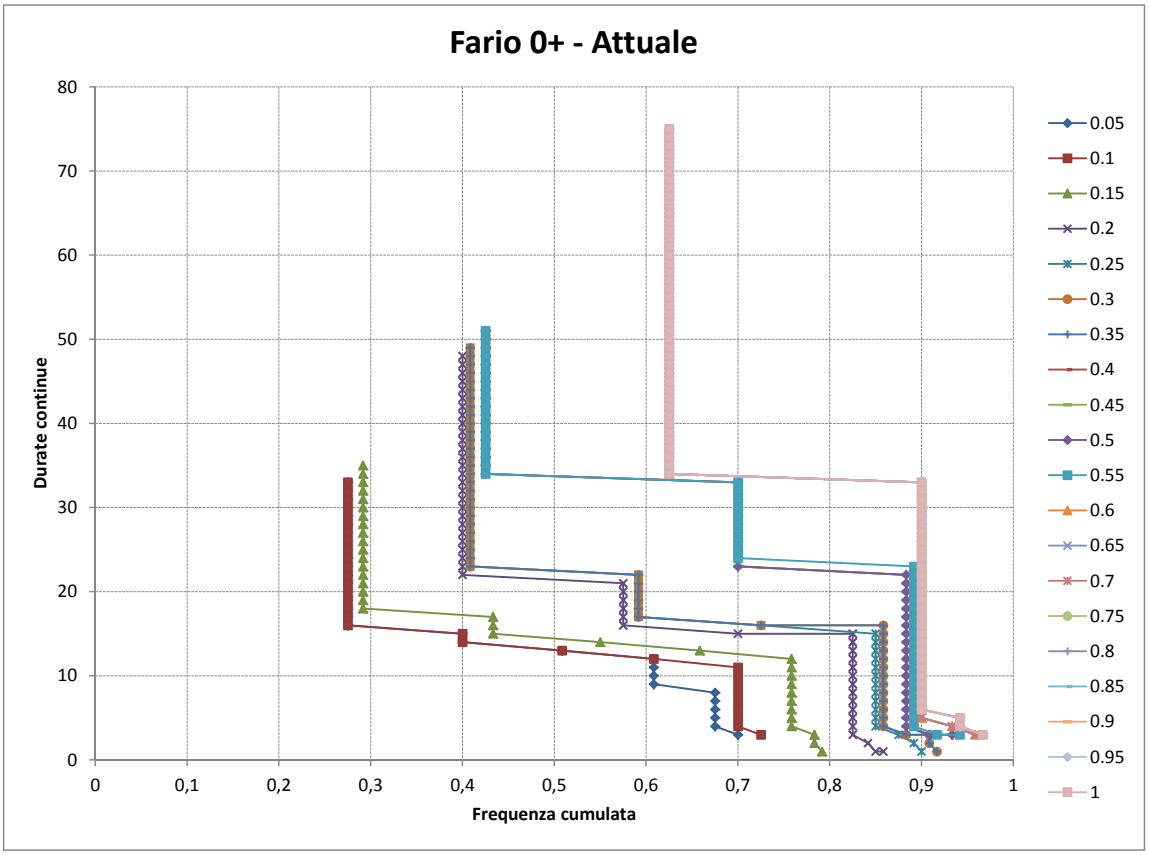

Vairone Giovane - Naturale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

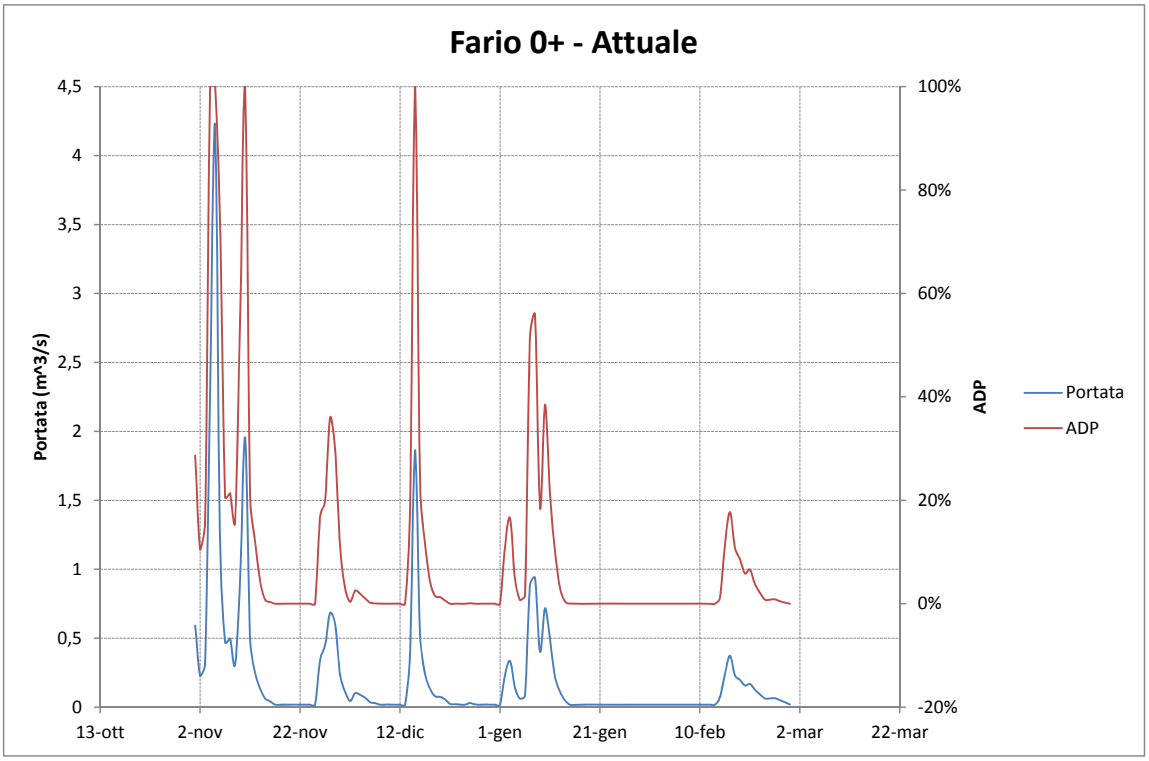

Fario Adulta - Attuale
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
70
80
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

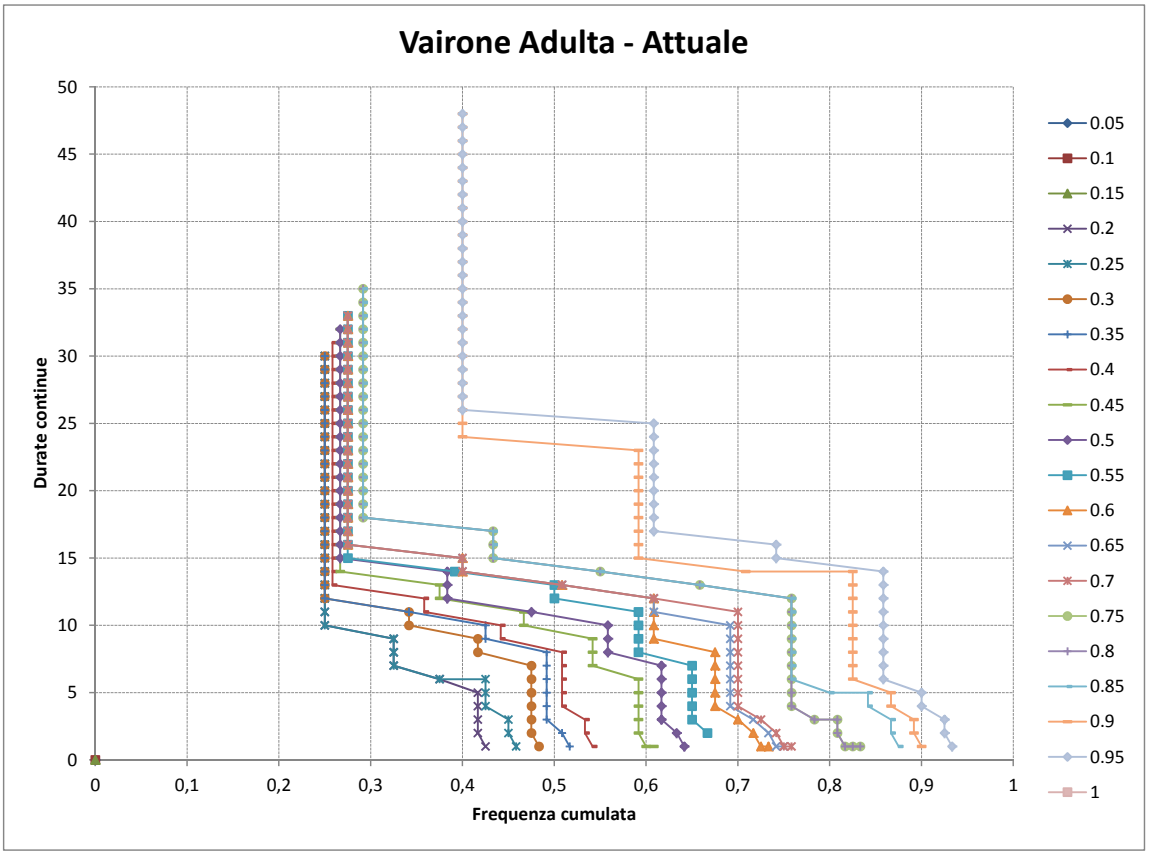

Fario Adulta - Attuale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
-20%
0%
20%
40%
60%
80%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

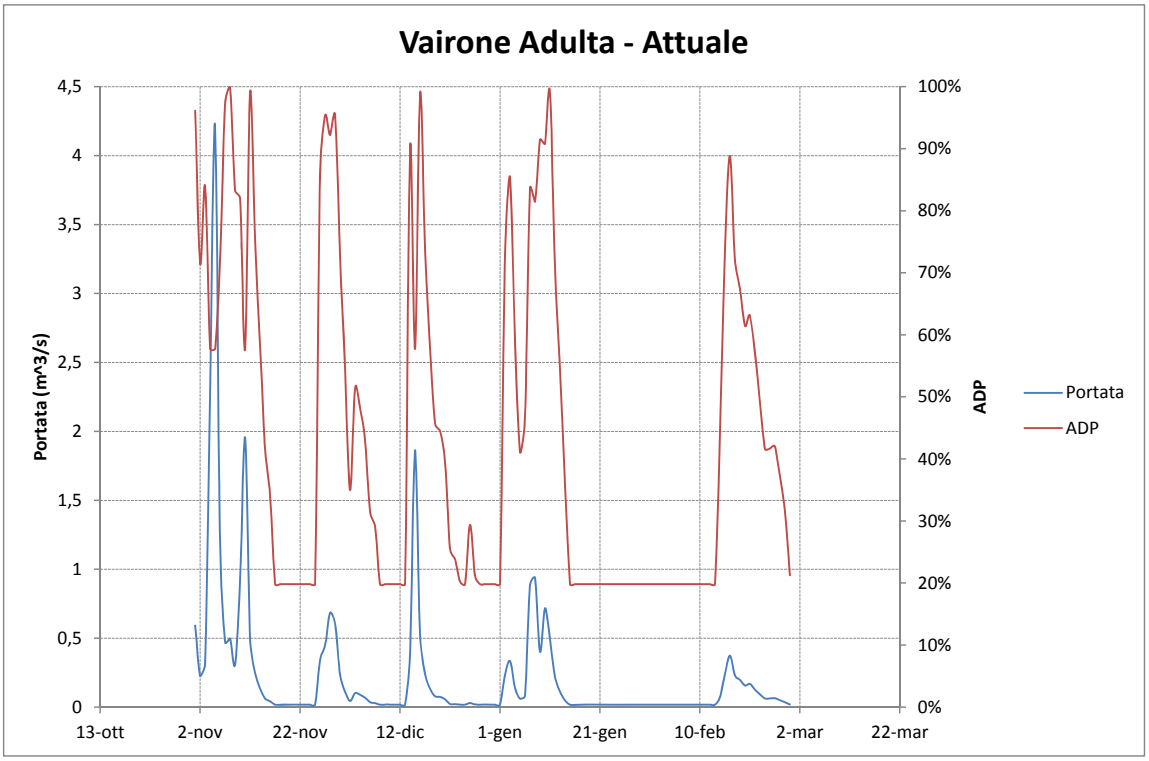

Fario Giovane - Attuale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
45
50
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

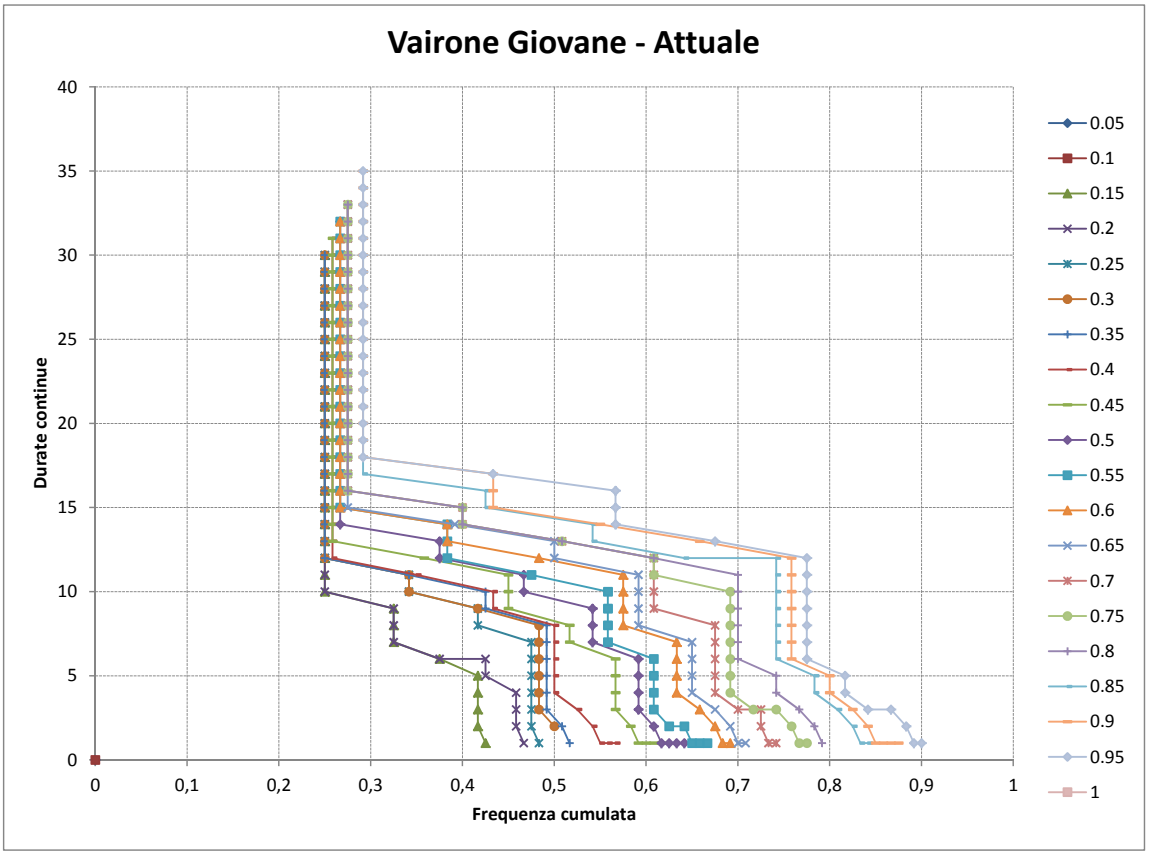

Fario Giovane - Attuale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
-20%
0%
20%
40%
60%
80%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

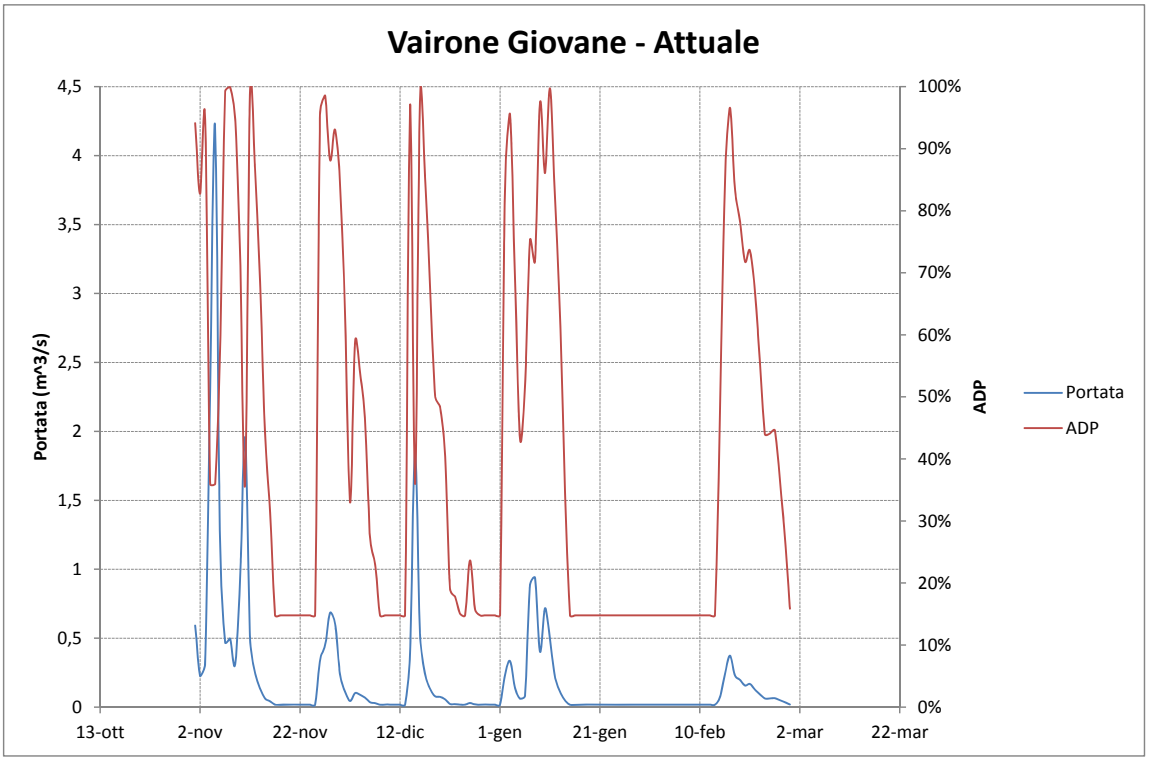

Fario 0+ - Attuale
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
70
80
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

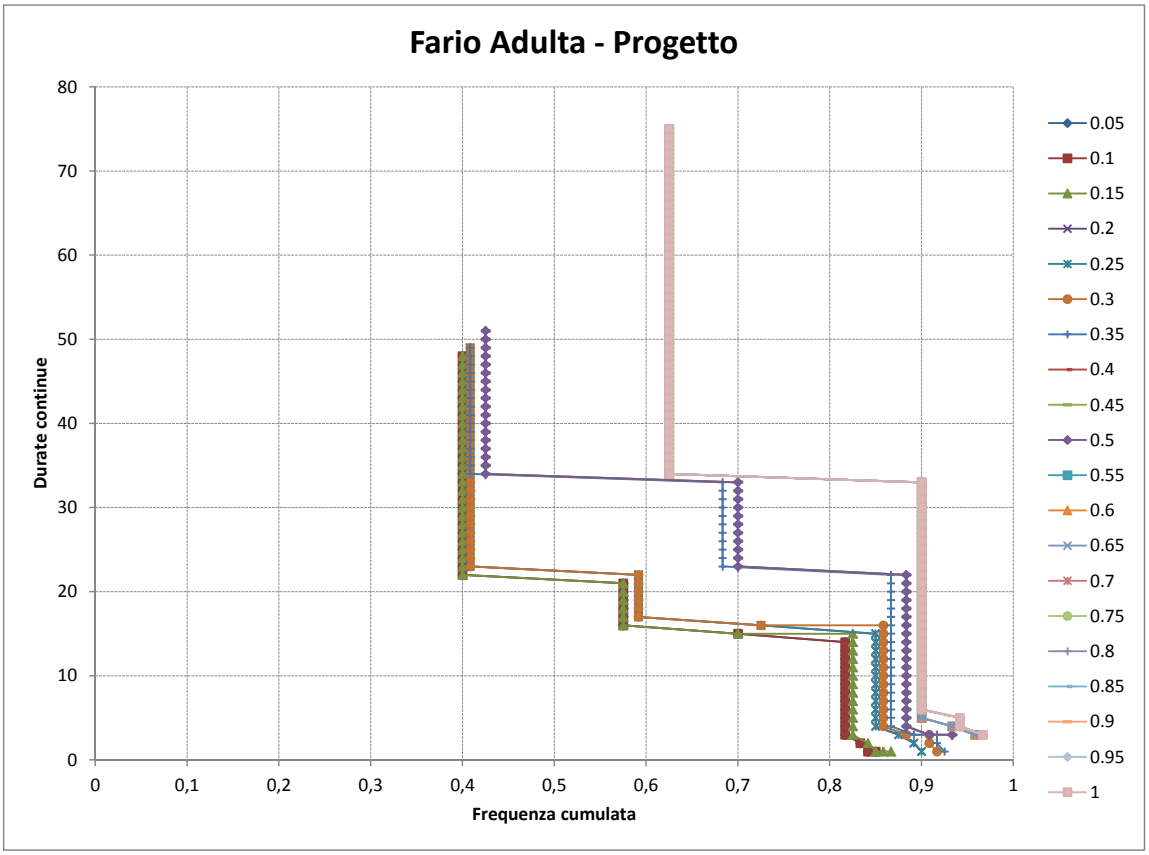

Fario 0+ - Attuale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
-20%
0%
20%
40%
60%
80%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

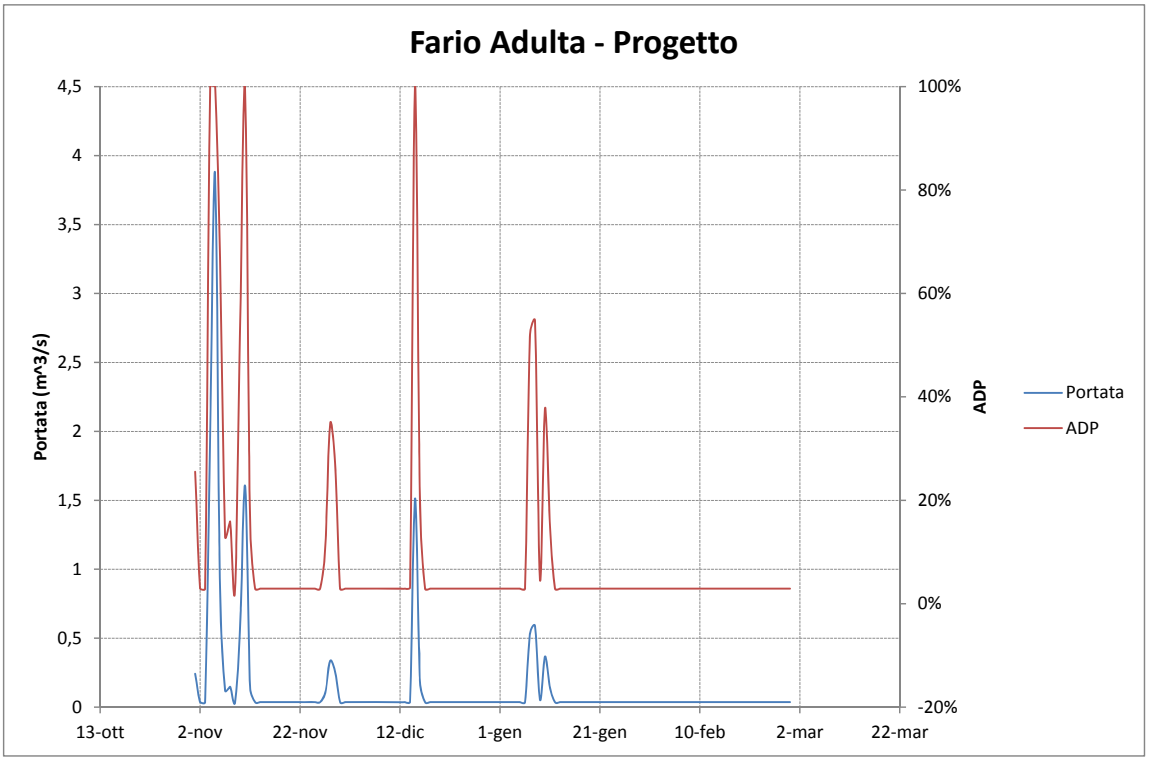

Vairone Adulta - Attuale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
45
50
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

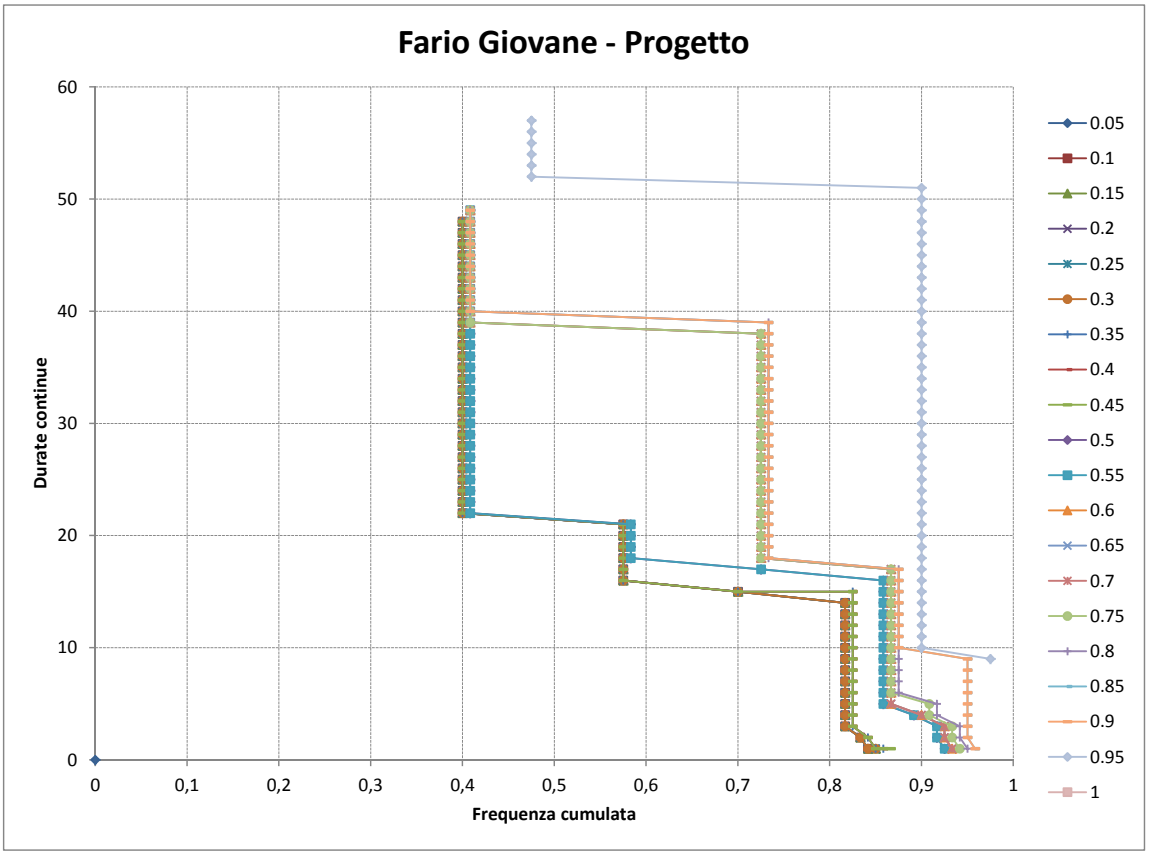

Vairone Adulta - Attuale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

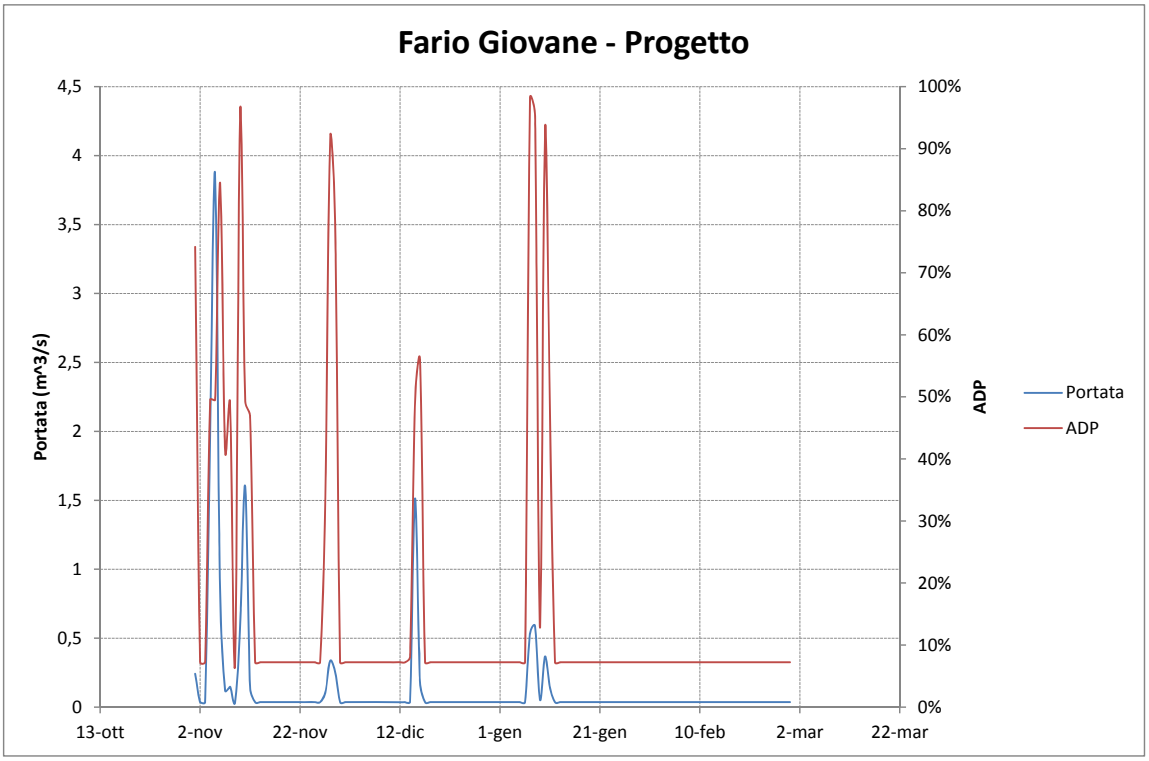

Vairone Giovane - Attuale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

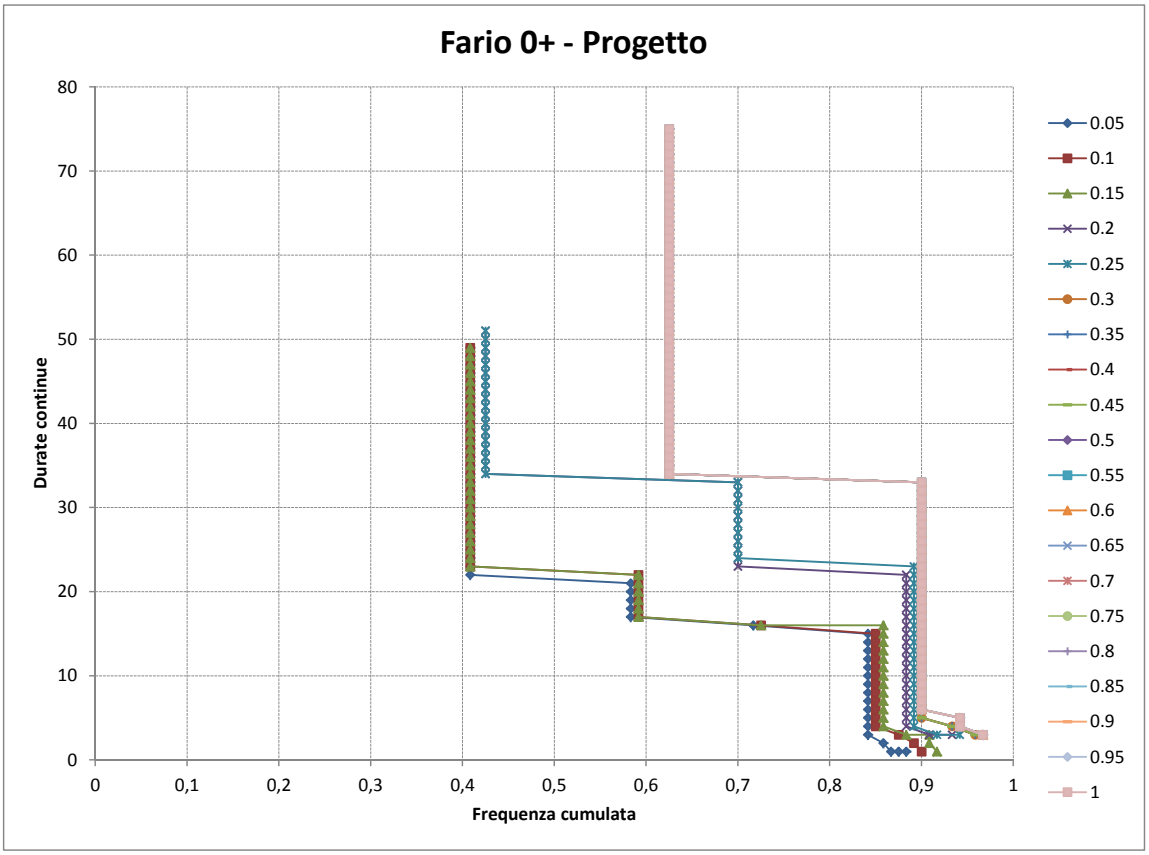

Vairone Giovane - Attuale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

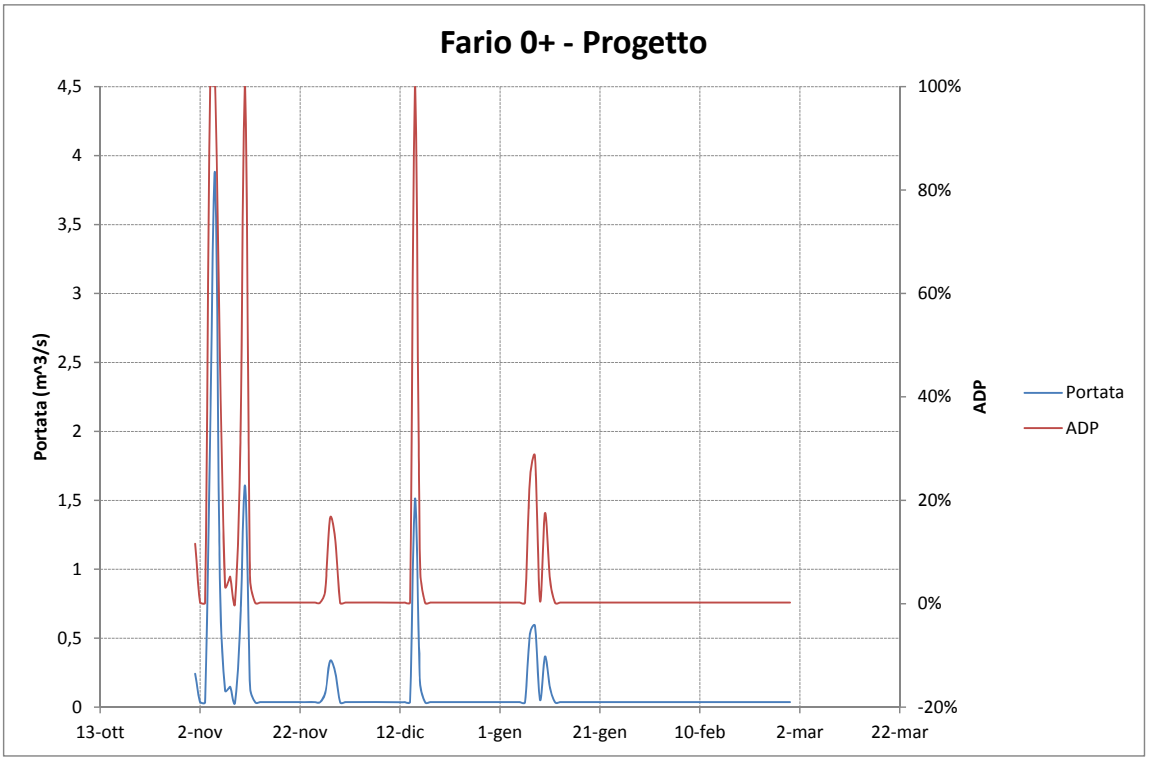

Fario Adulta - Progetto
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
70
80
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

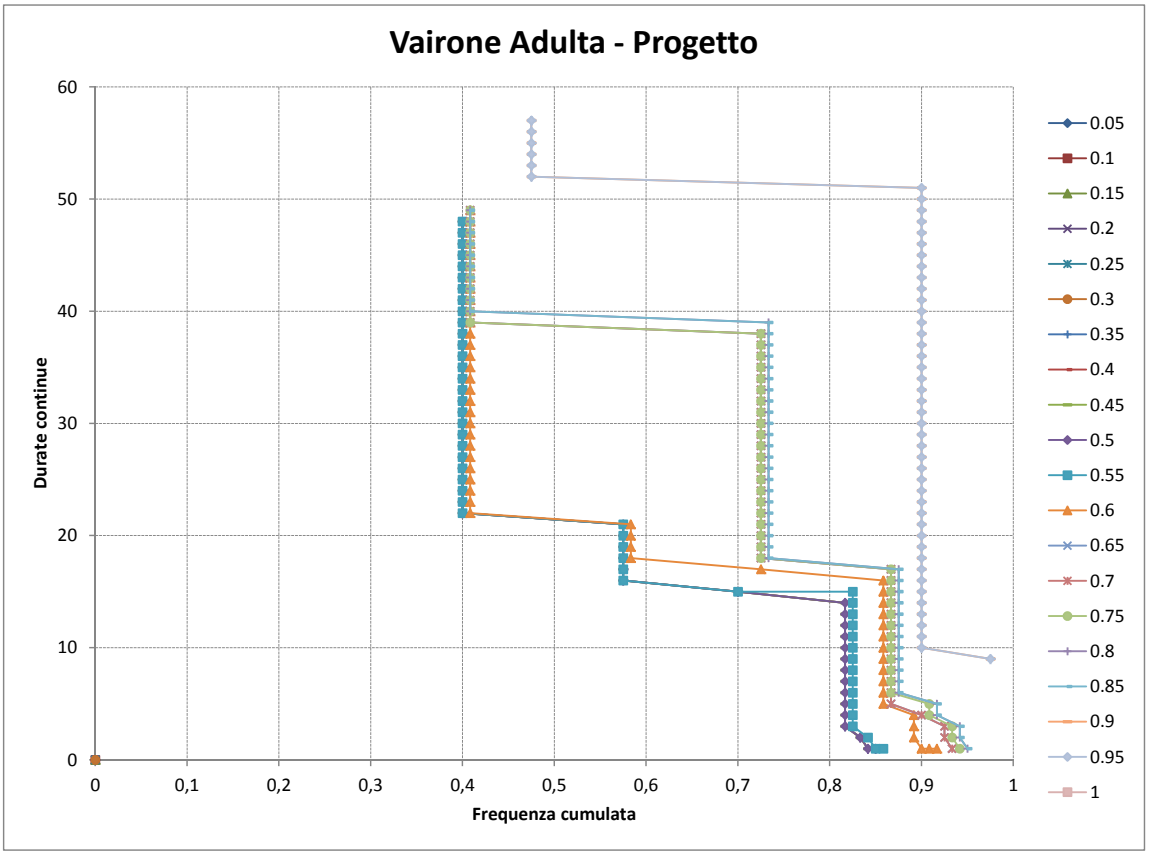

Fario Adulta - Progetto
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
-20%
0%
20%
40%
60%
80%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

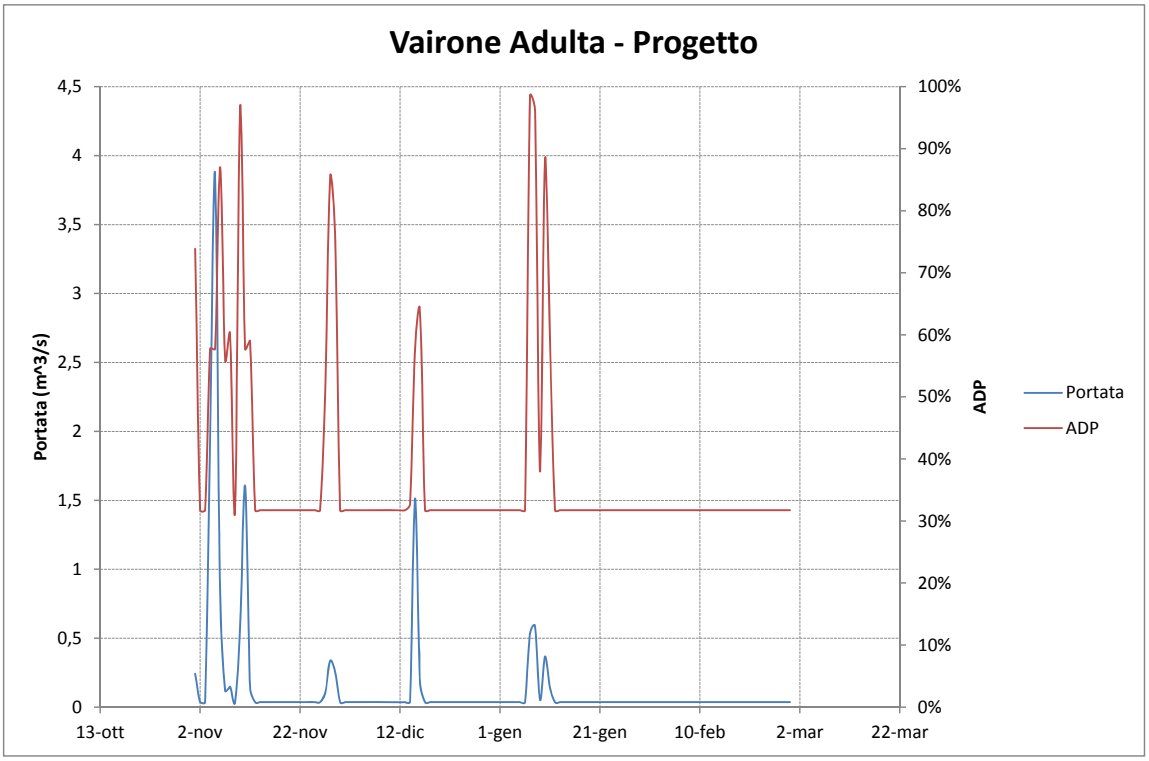

Fario Giovane - Progetto
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

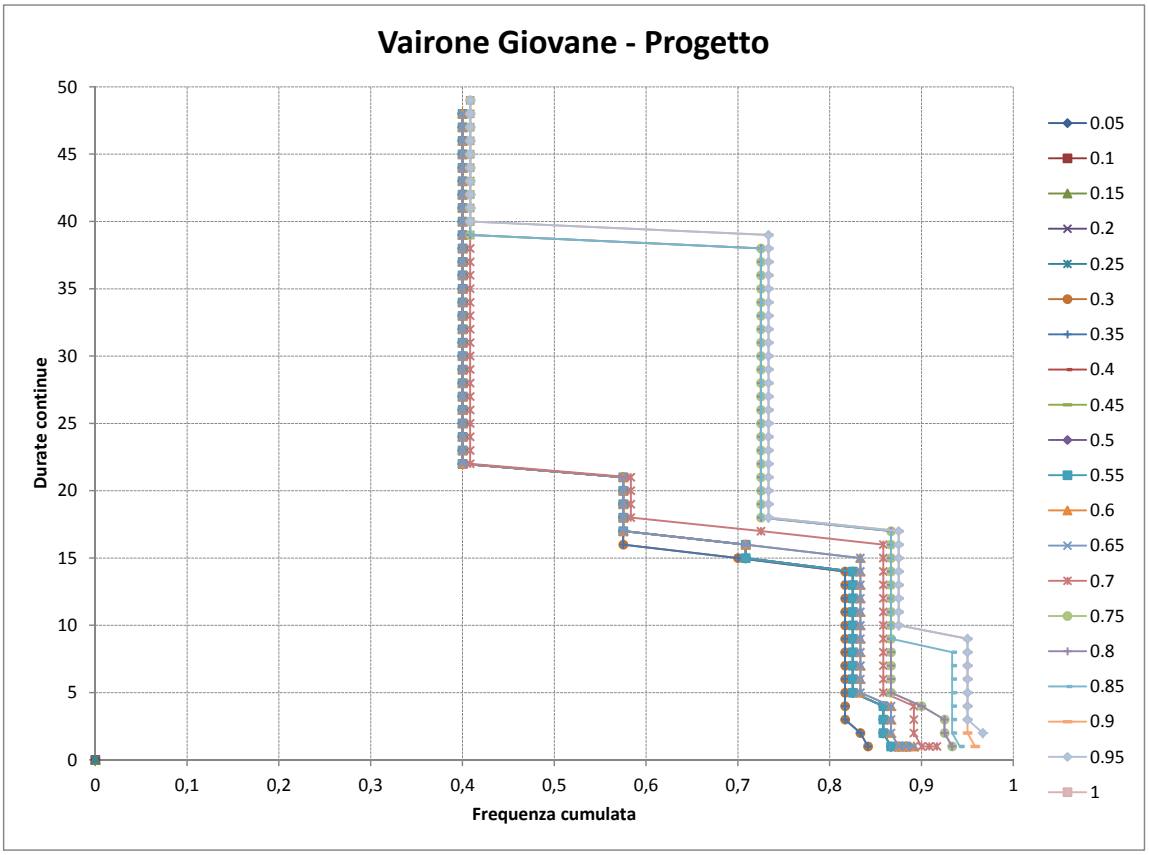

Fario Giovane - Progetto
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

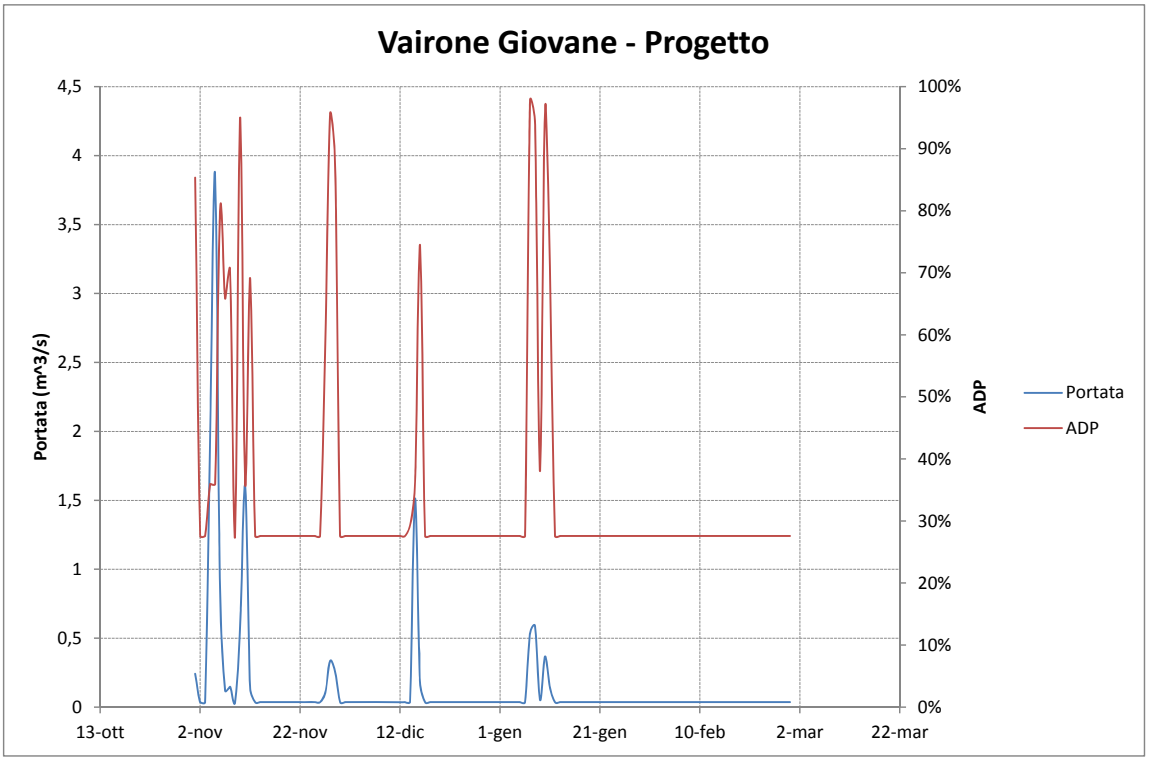

Fario 0+ - Progetto
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
70
80
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1


Fario 0+ - Progetto
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
-20%
0%
20%
40%
60%
80%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP


Vairone Adulta - Progetto
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

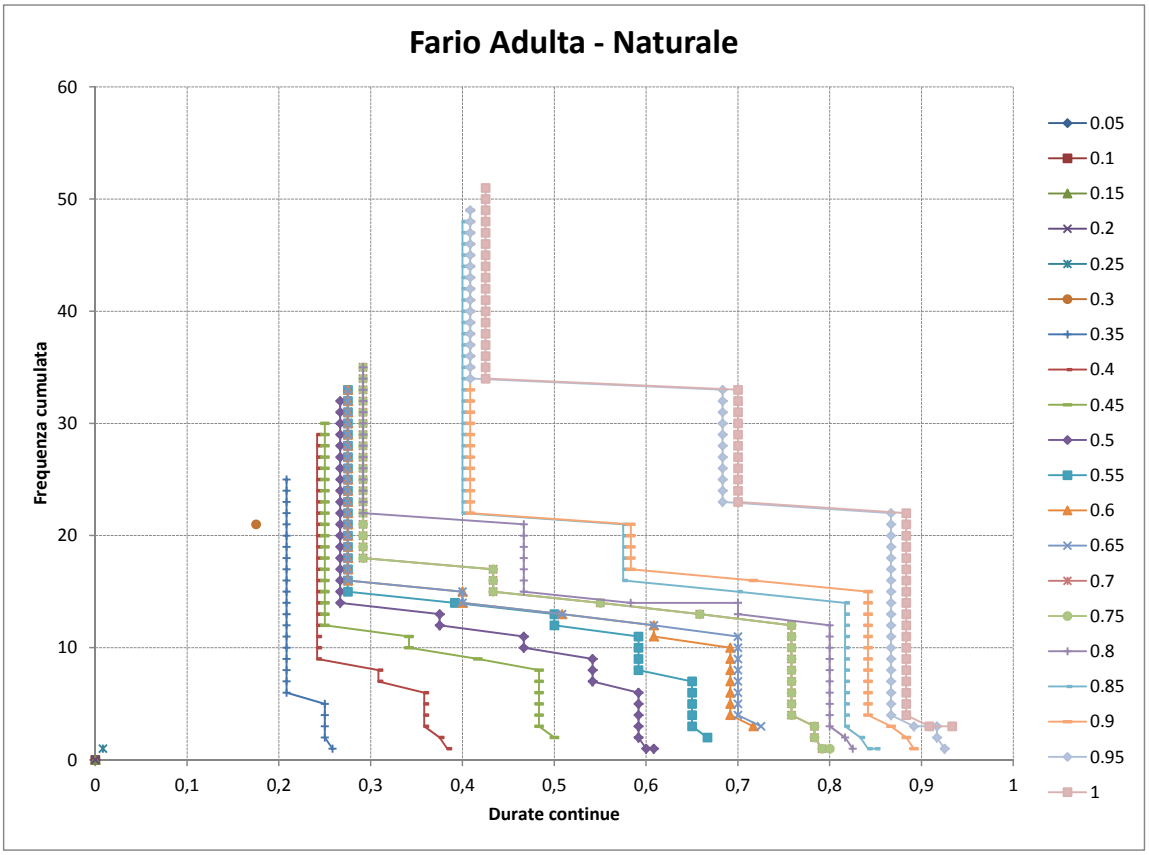

Vairone Adulta - Progetto
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

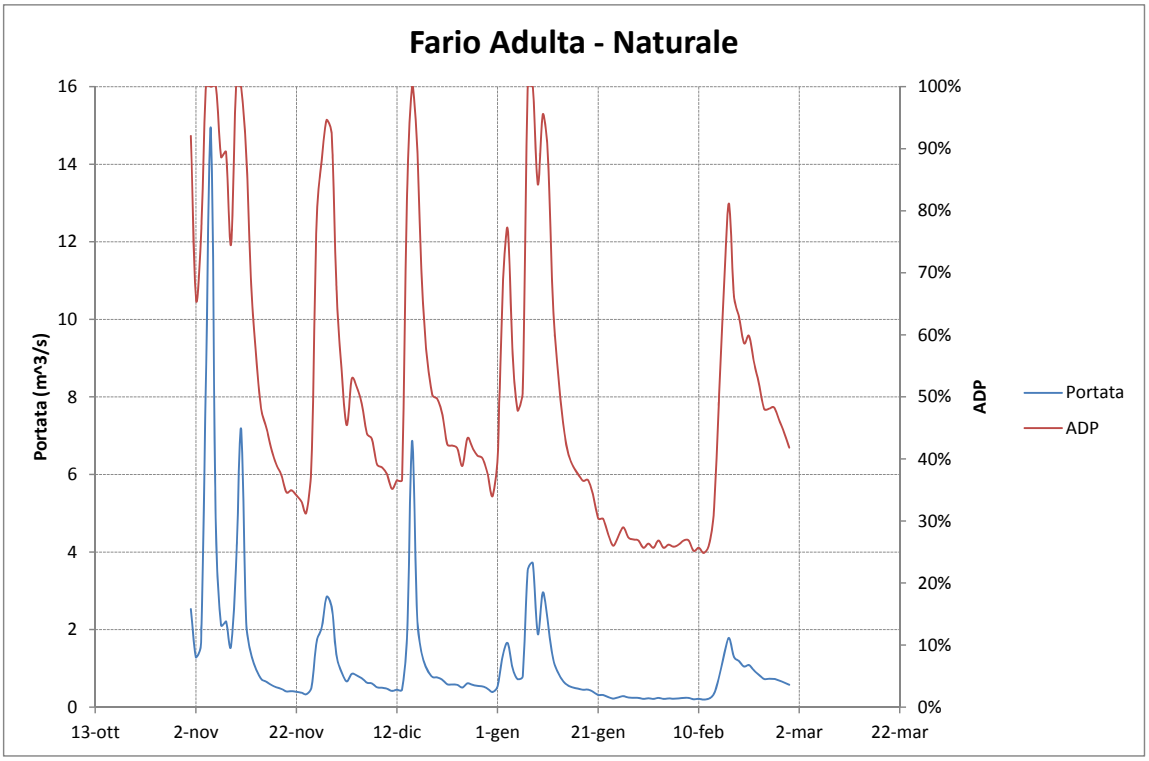

Vairone Giovane - Progetto
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
45
50
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

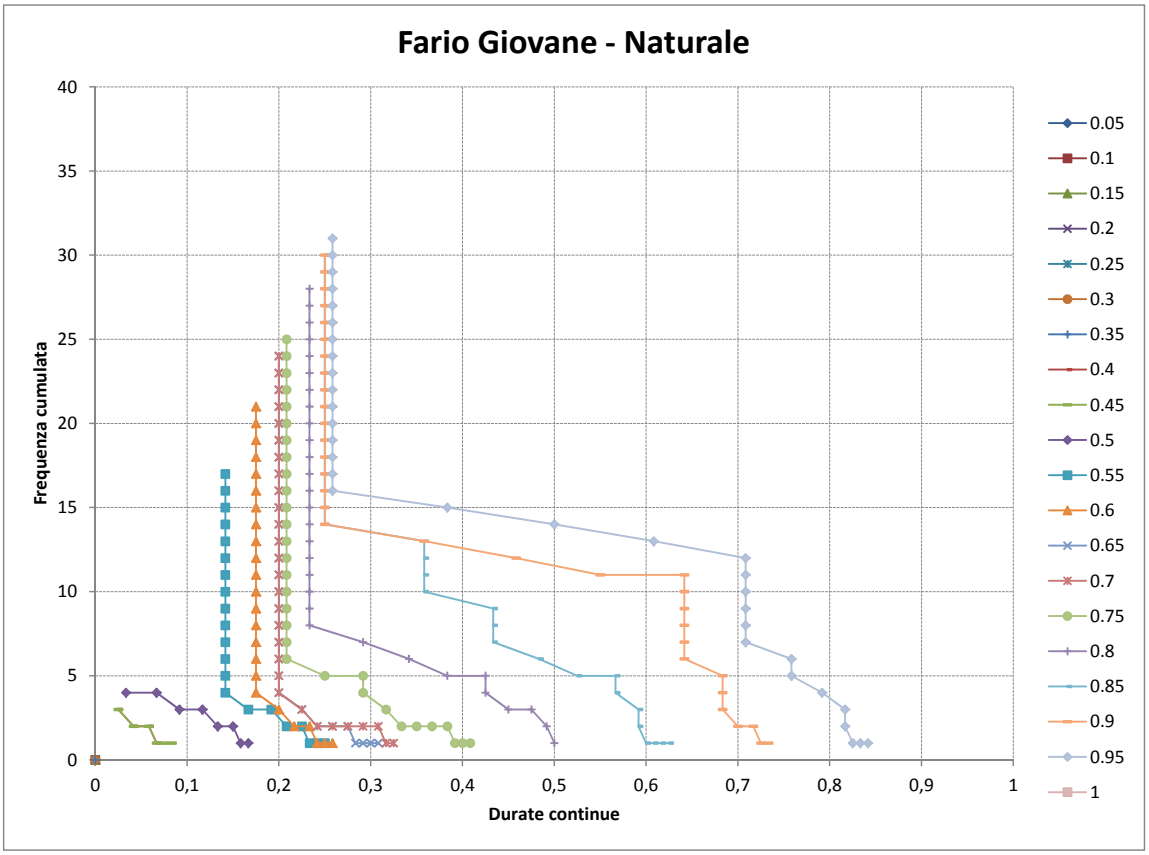

Vairone Giovane - Progetto
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
3
3,5
4
4,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

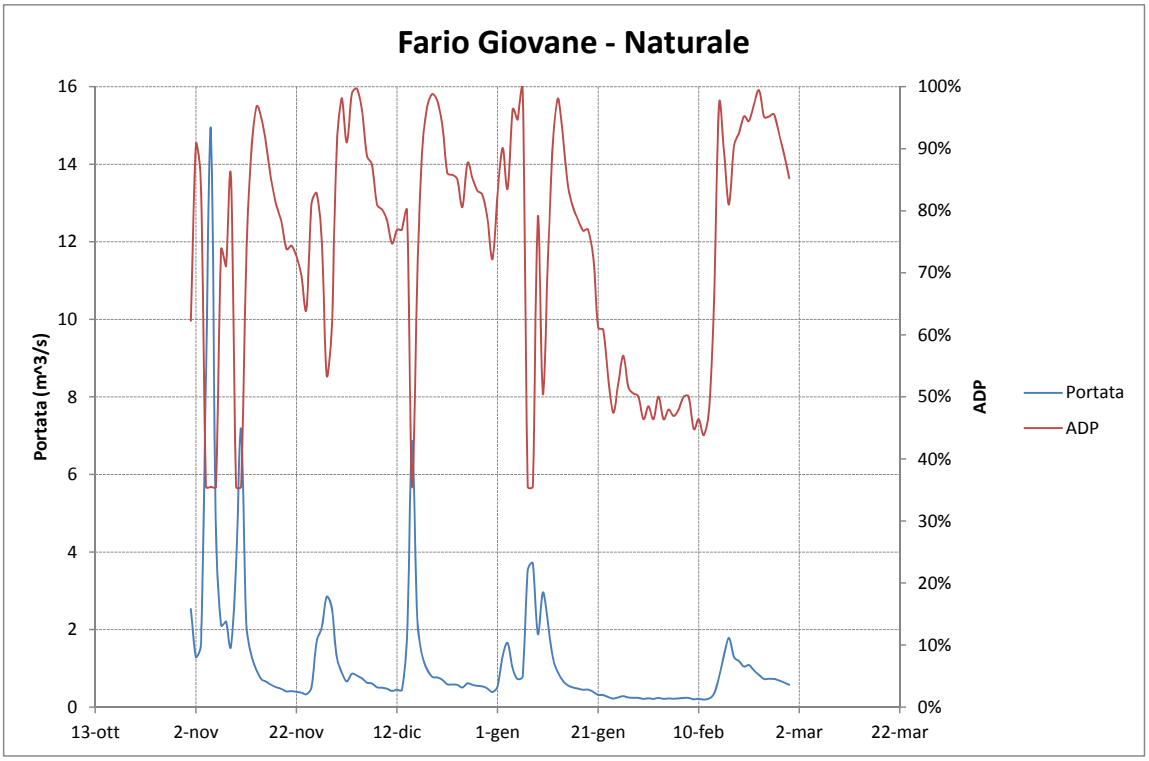
ALLEGATO 3 – UCUT curves

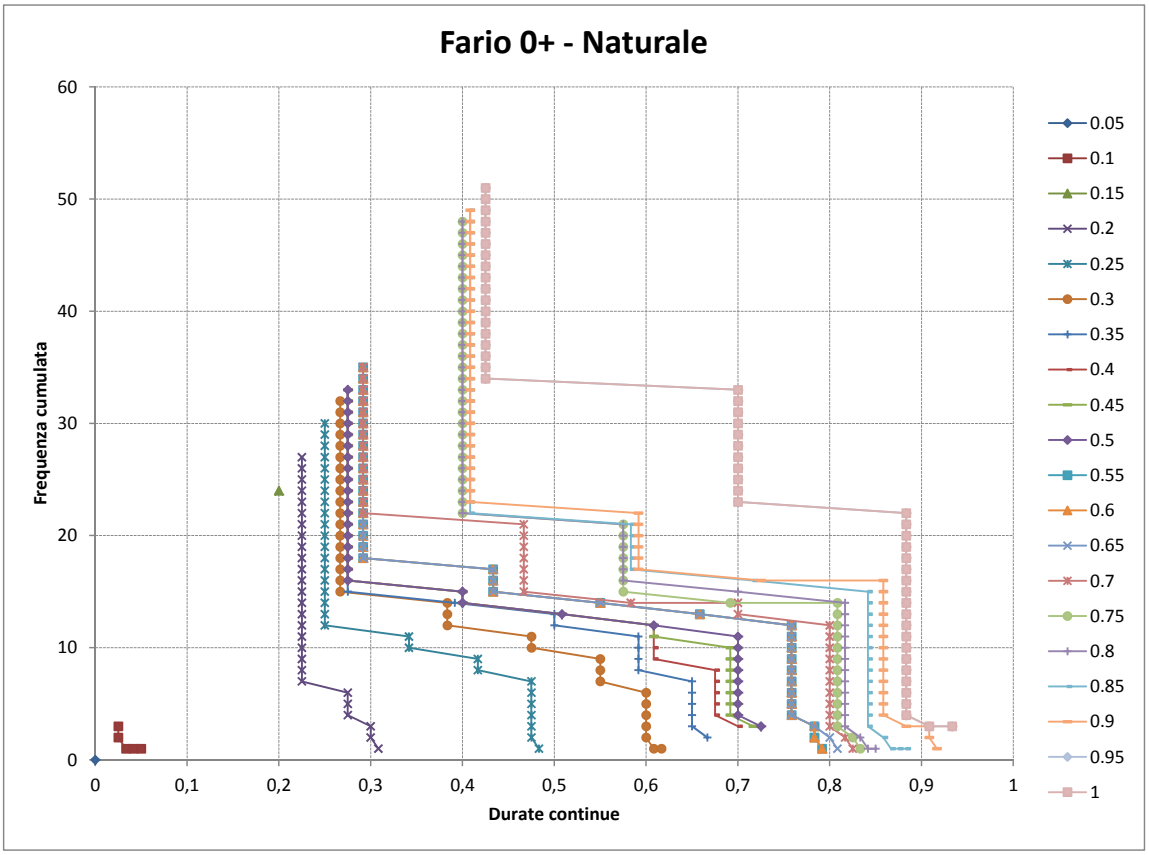
3.3 Rezzoaglio 04

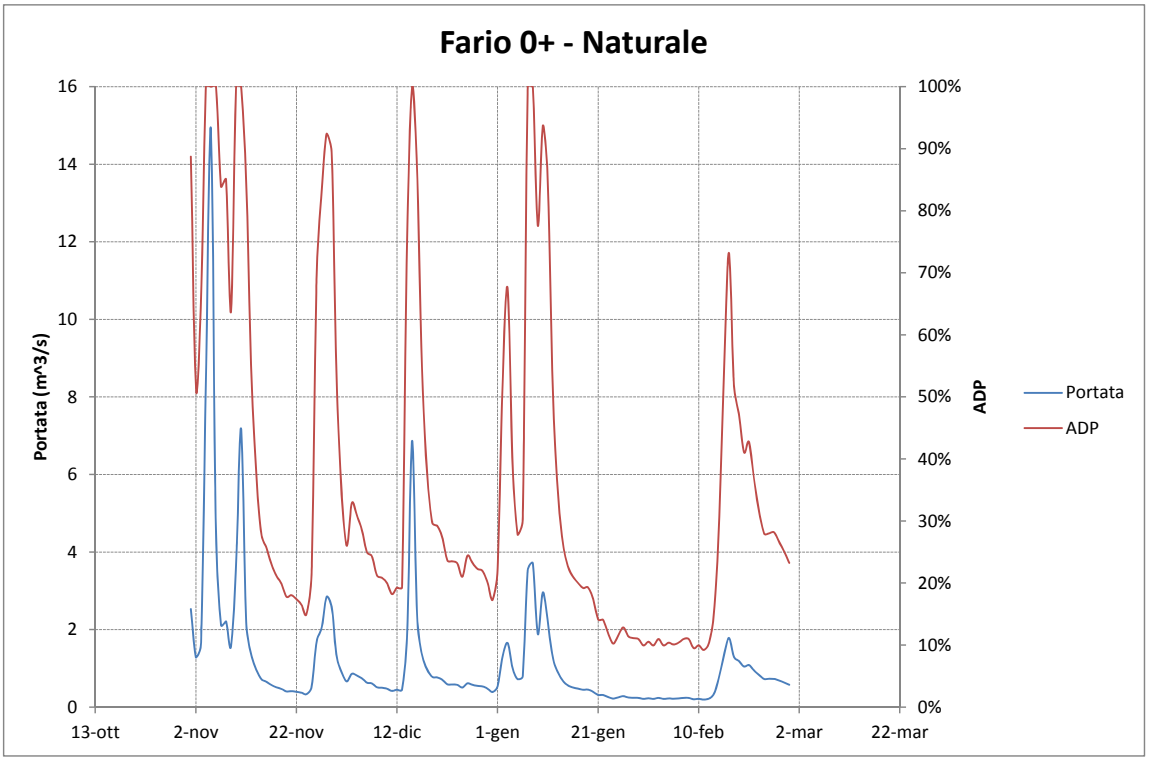

Fario Adulta - Naturale
Frequenza cumulata
Durate continue
0
10
20
30
40
50
60
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

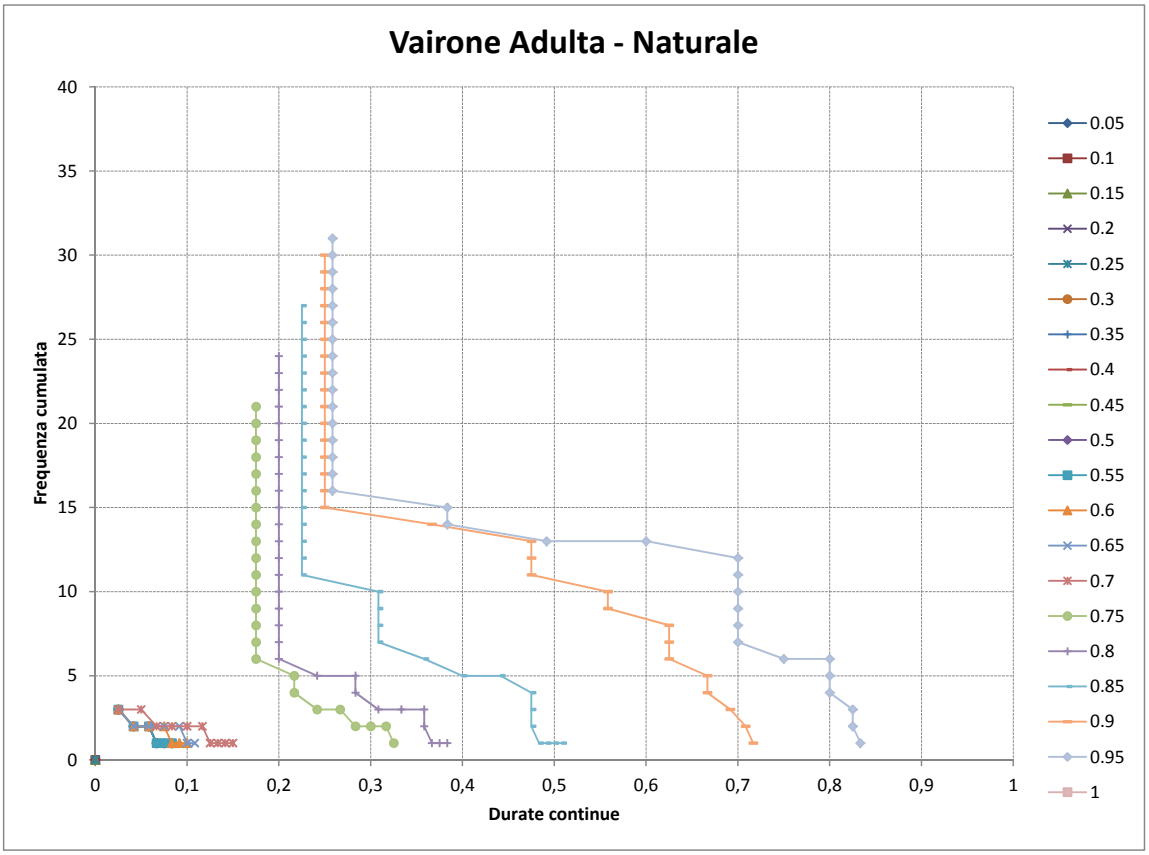

Fario Adulta - Naturale
Portata (m^3/s)
ADP
0
2
4
6
8
10
12
14
16
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

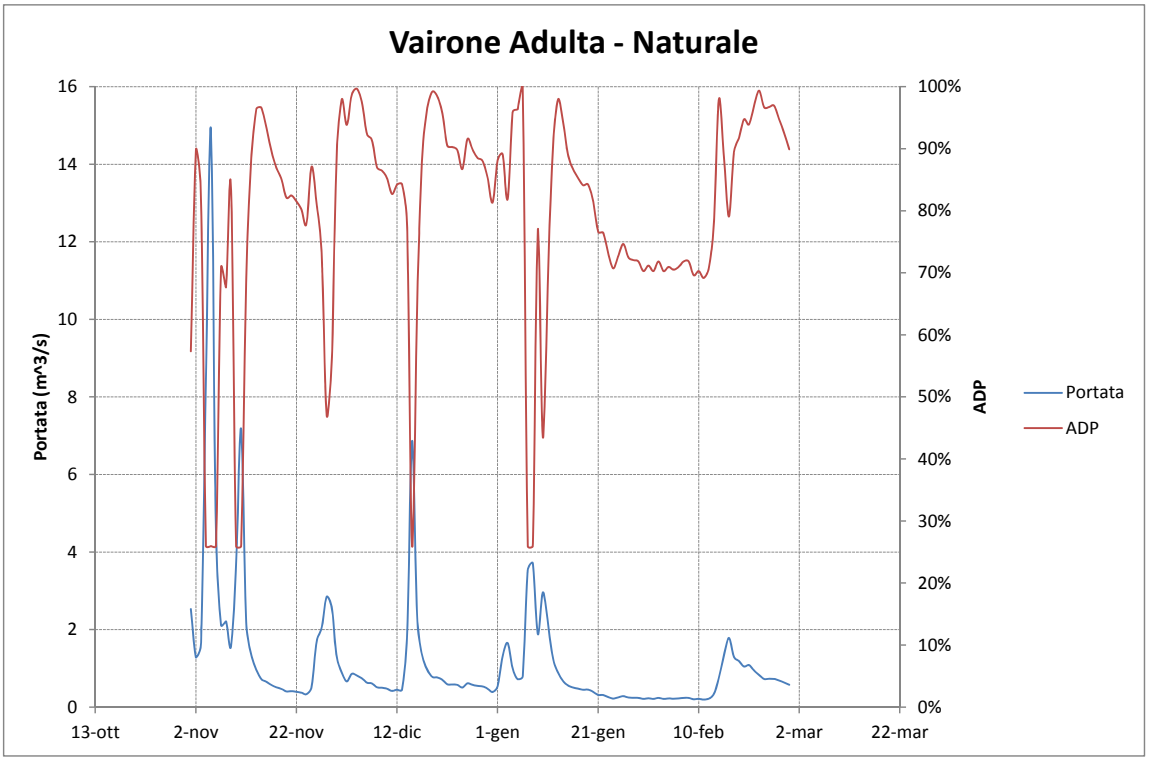

Fario Giovane - Naturale
Frequenza cumulata
Durate continue
0
5
10
15
20
25
30
35
40
0
0,1
0,2
0,3
0,4
0,5
0,6
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1
0.05
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0.9
0.95
1

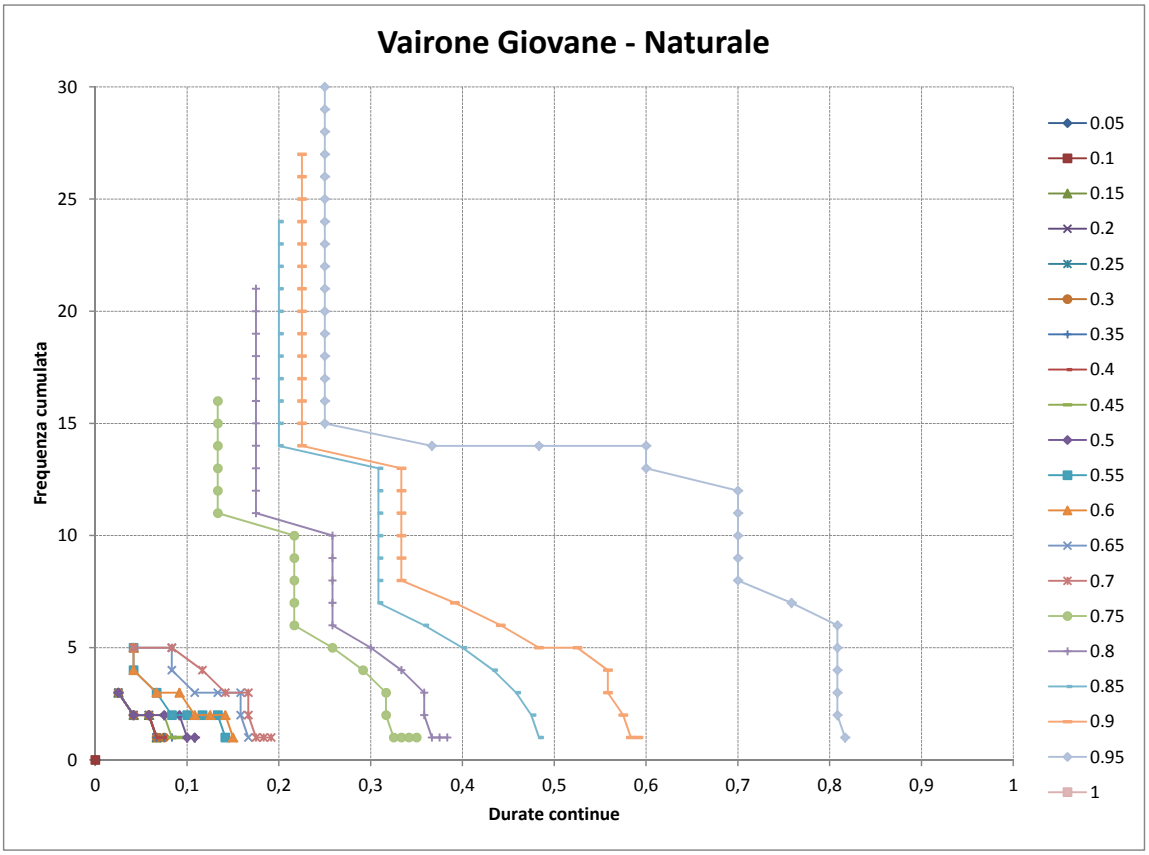

Fario Giovane - Naturale
Portata (m^3/s)
ADP
0
2
4
6
8
10
12
14
16
0%
10%
20%
30%
40%
50%
60%
70%
80%
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13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

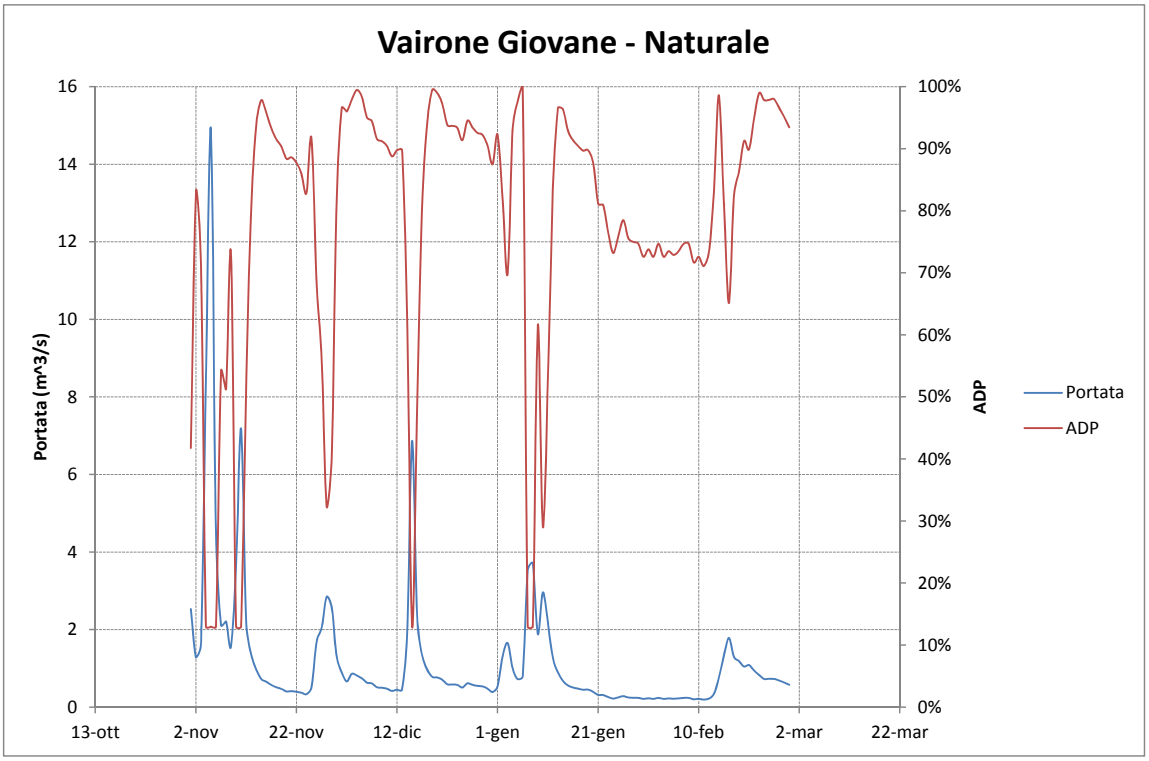

Fario 0+ - Naturale
Frequenza cumulata
Durate continue
0
10
20
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40
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0,1
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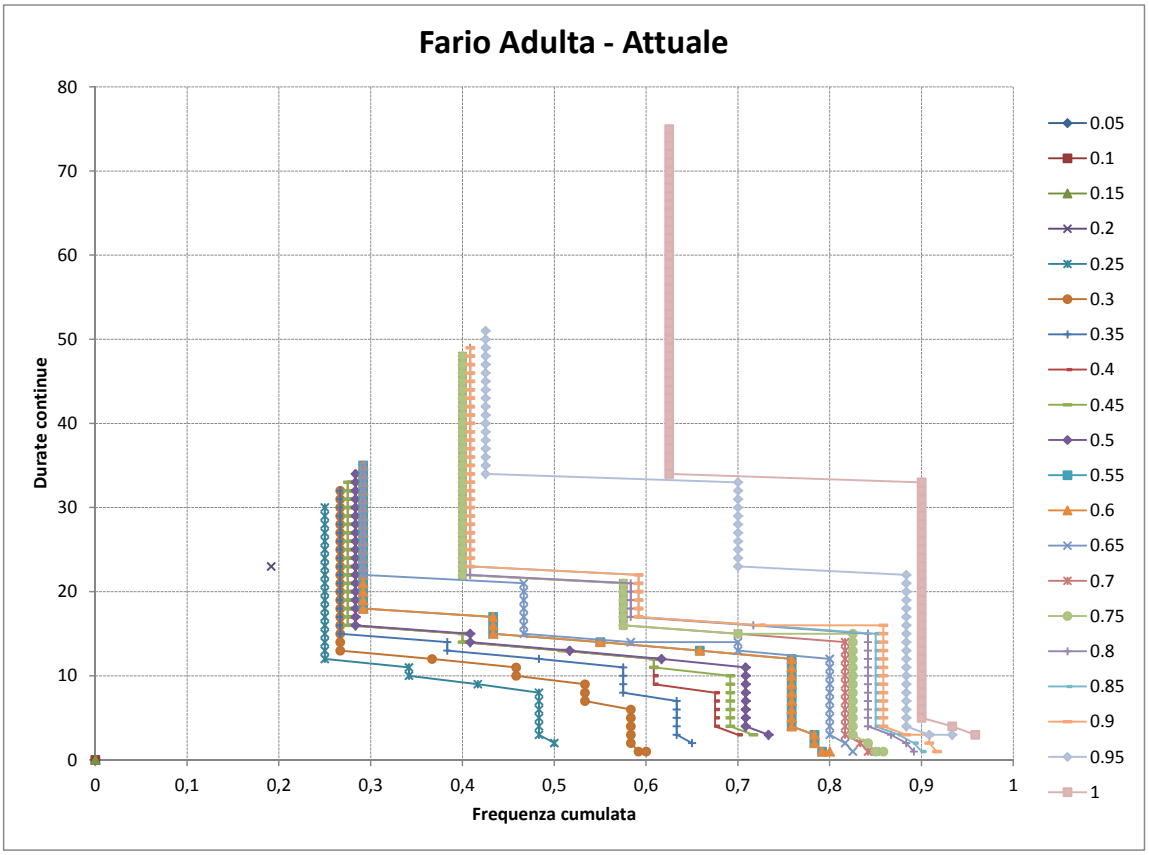

Fario 0+ - Naturale
Portata (m^3/s)
ADP
0
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16
0%
10%
20%
30%
40%
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100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

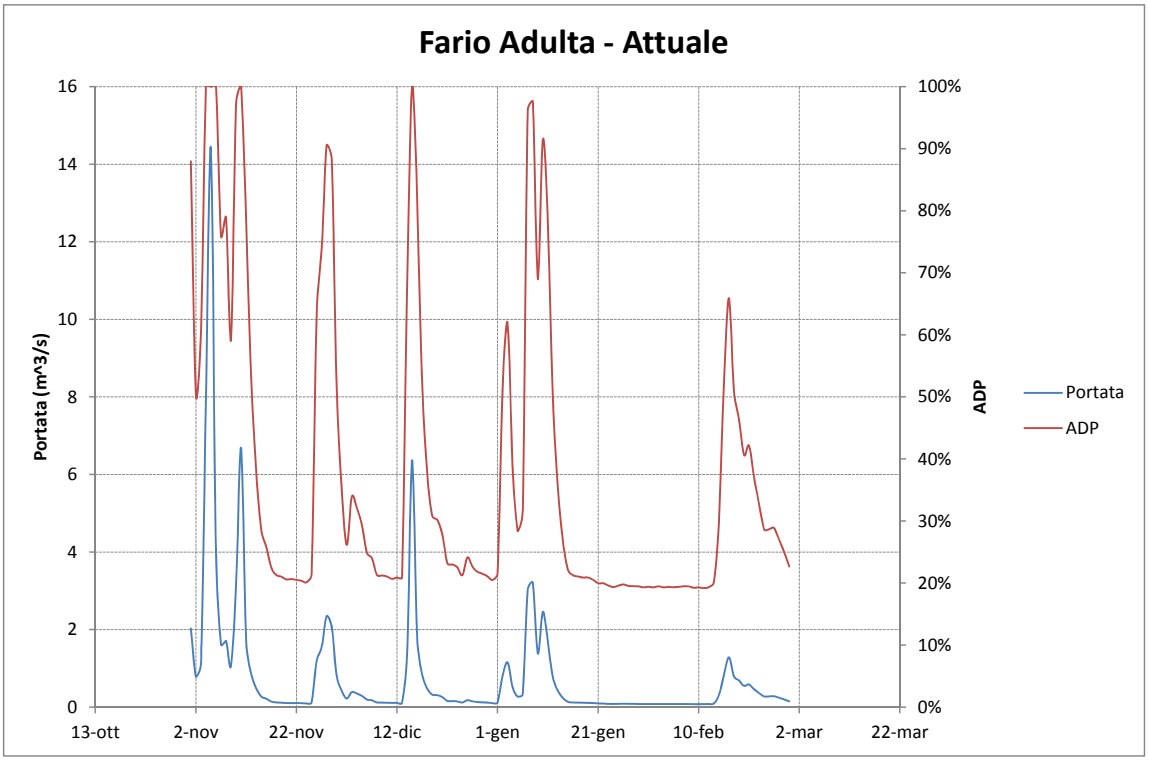

Vairone Adulta - Naturale
Frequenza cumulata
Durate continue
0
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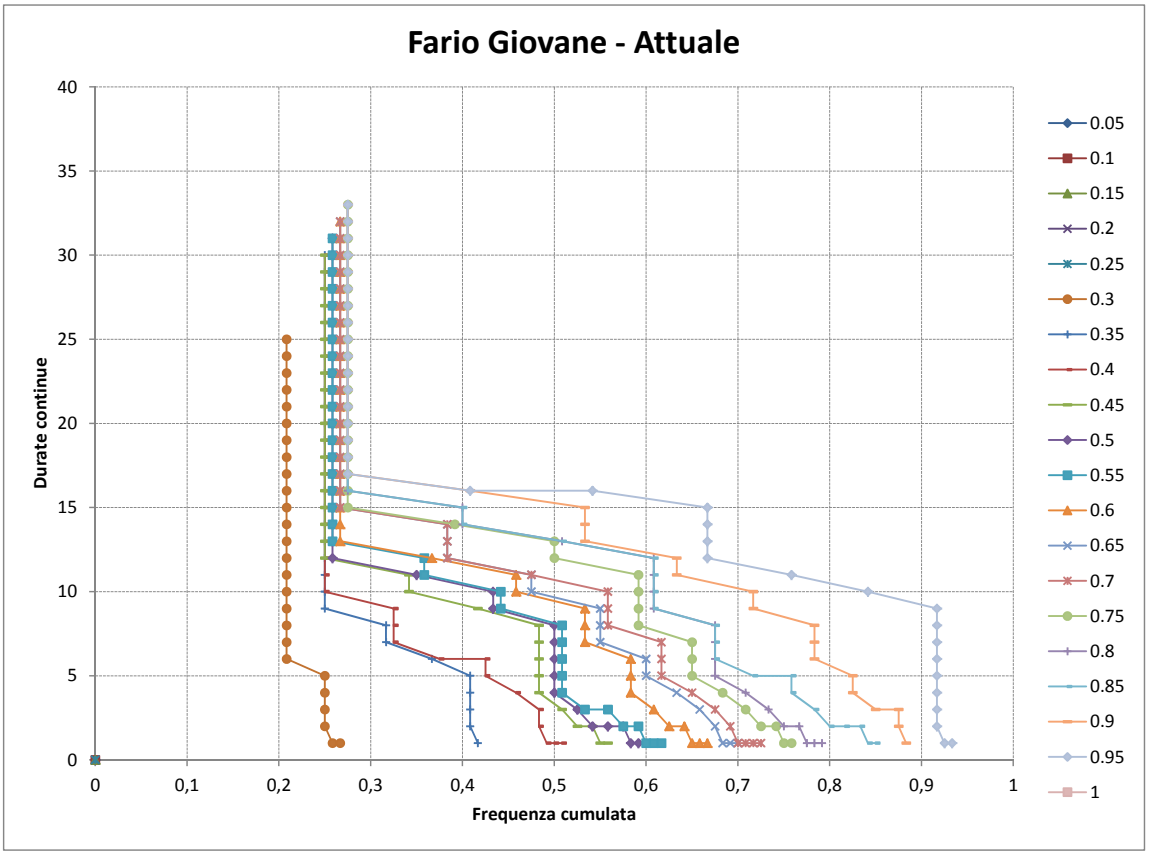

Vairone Adulta - Naturale
Portata (m^3/s)
ADP
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10%
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13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

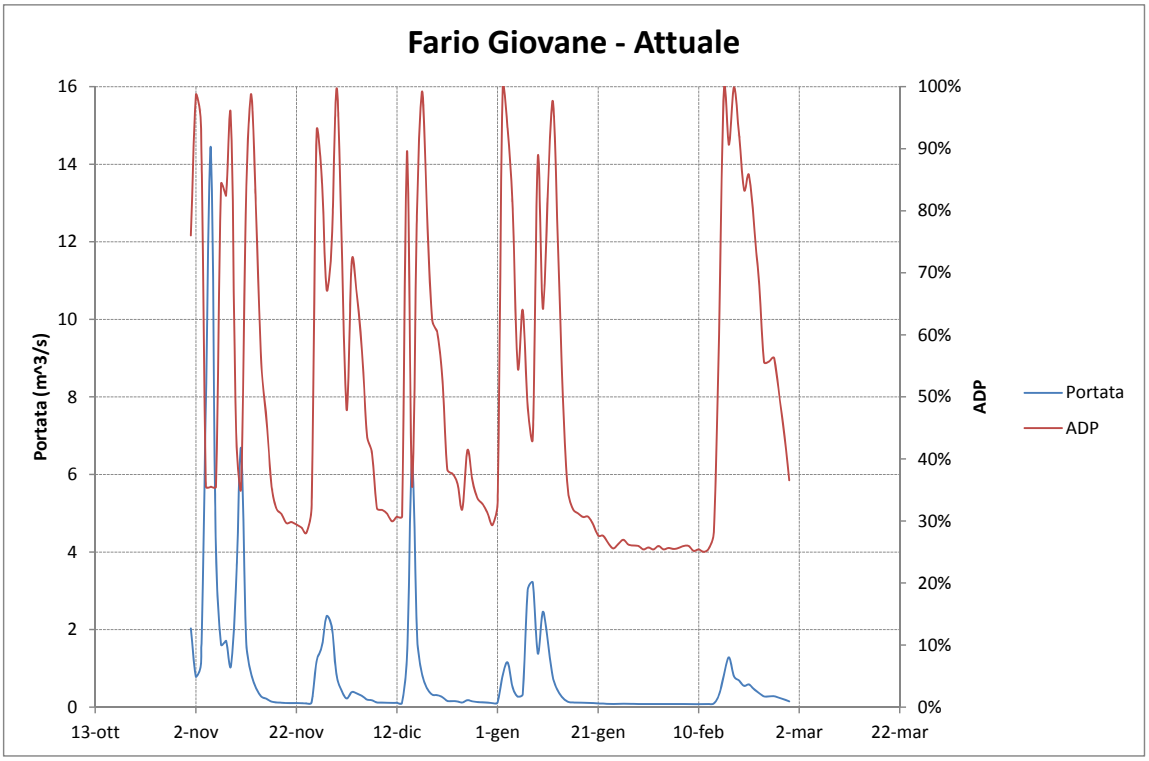

Vairone Giovane - Naturale
Frequenza cumulata
Durate continue
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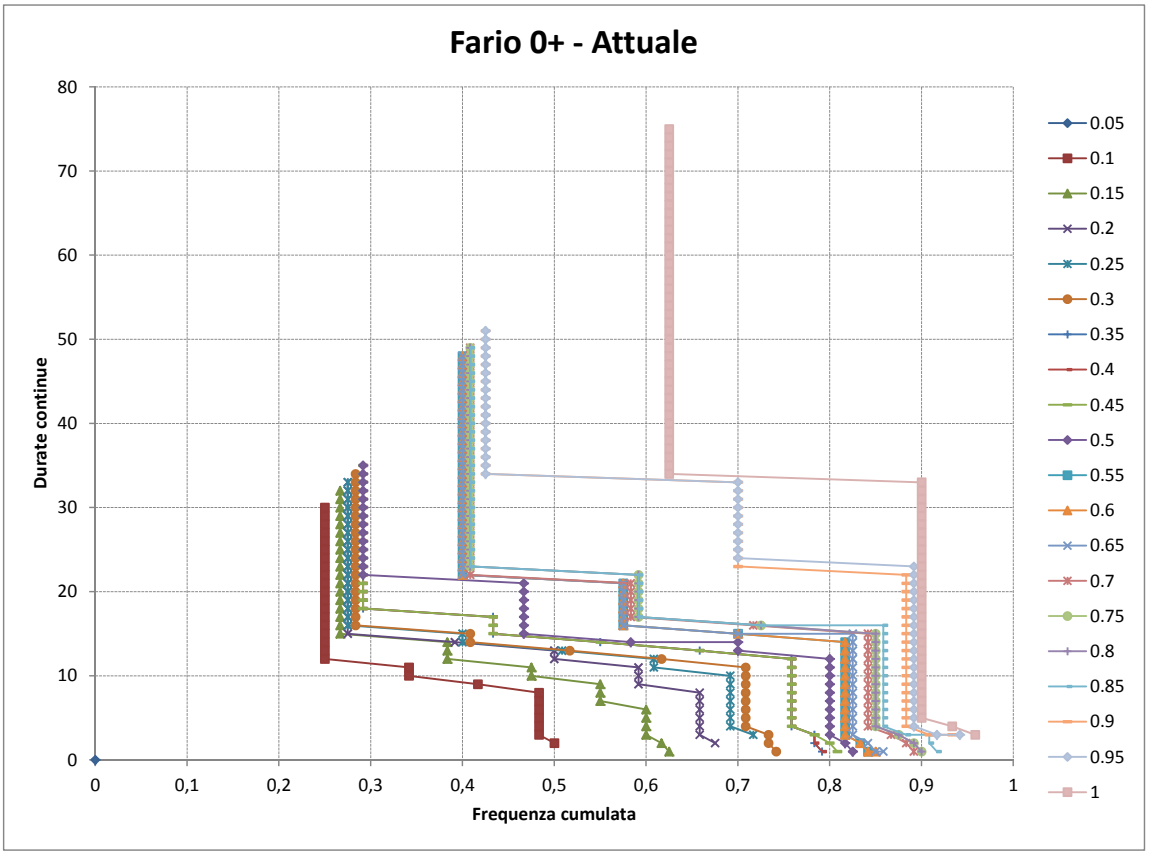

Vairone Giovane - Naturale
Portata (m^3/s)
ADP
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2-mar
22-mar
Portata
ADP

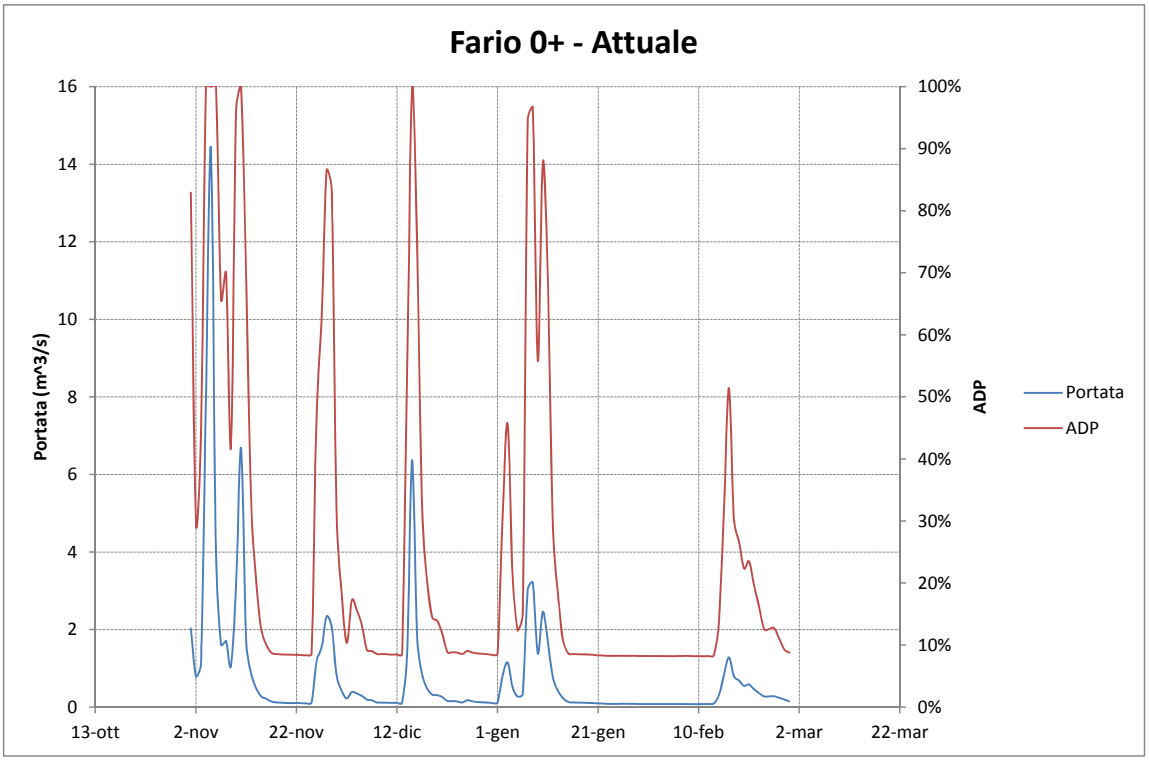

Fario Adulta - Attuale
Durate continue
Frequenza cumulata
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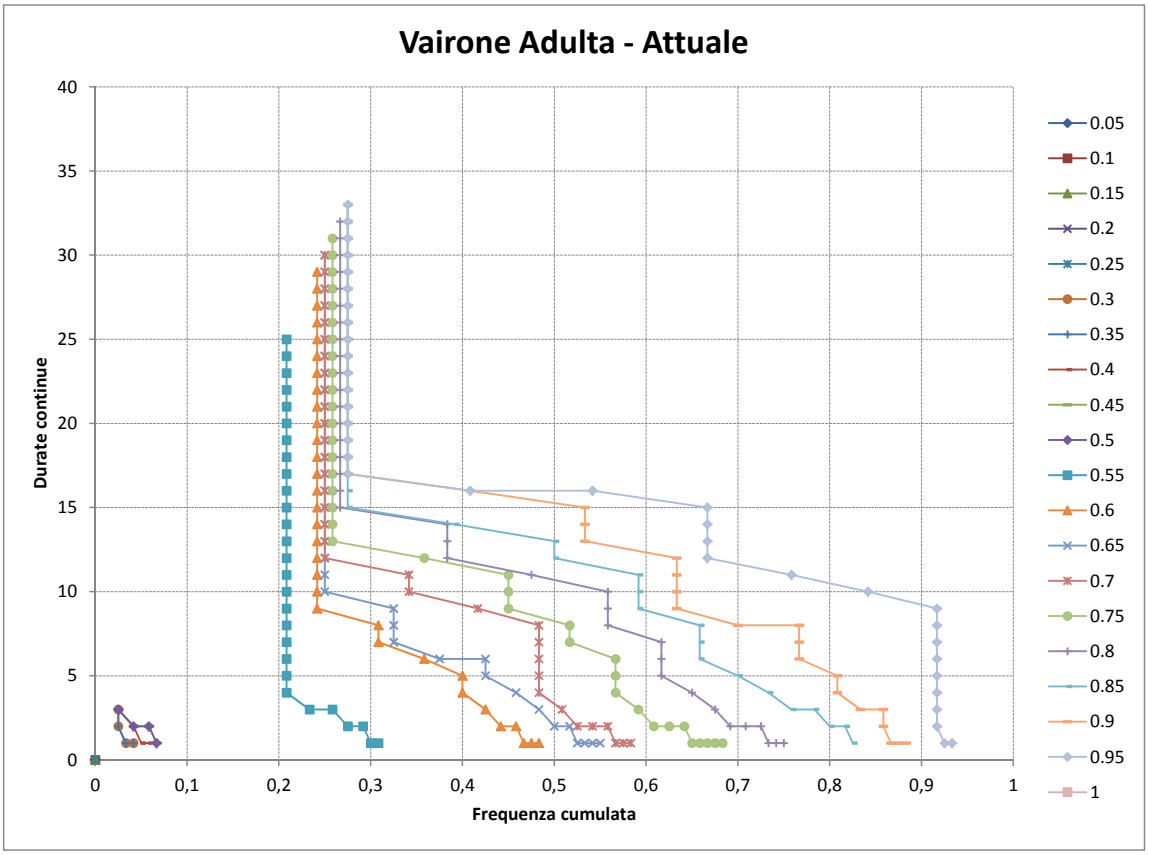

Fario Adulta - Attuale
Portata (m^3/s)
ADP
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13-ott
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22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

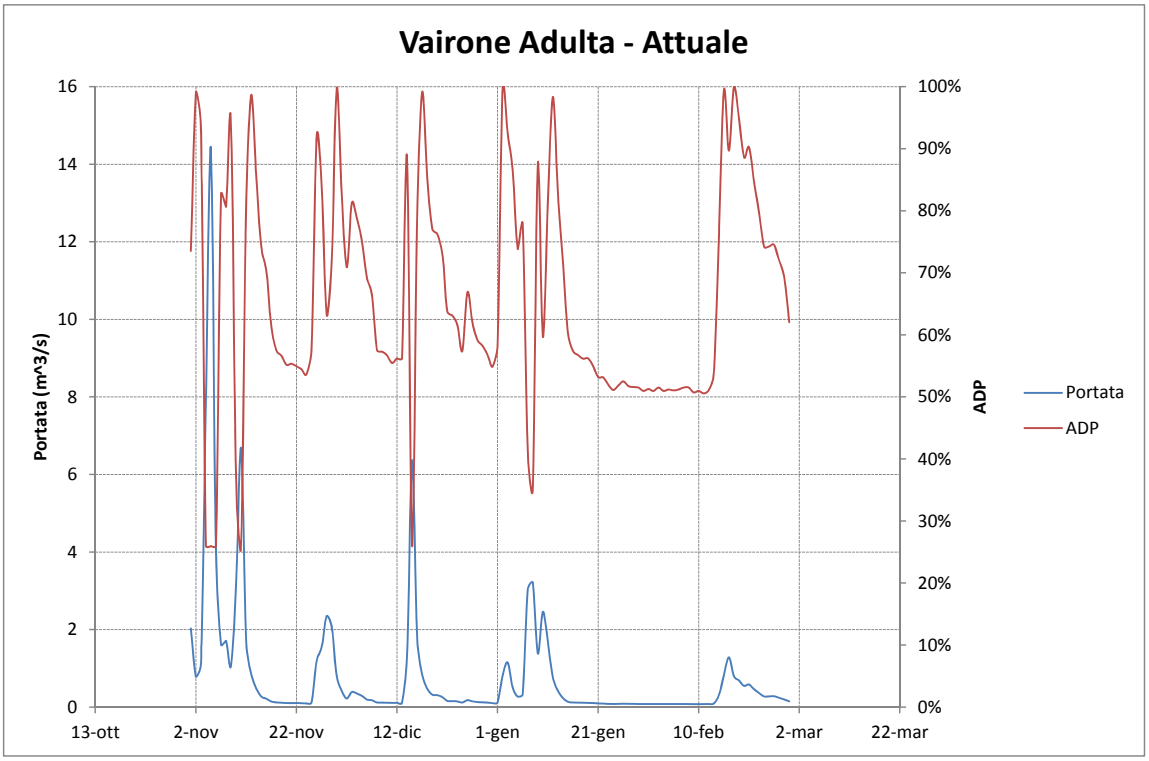

Fario Giovane - Attuale
Durate continue
Frequenza cumulata
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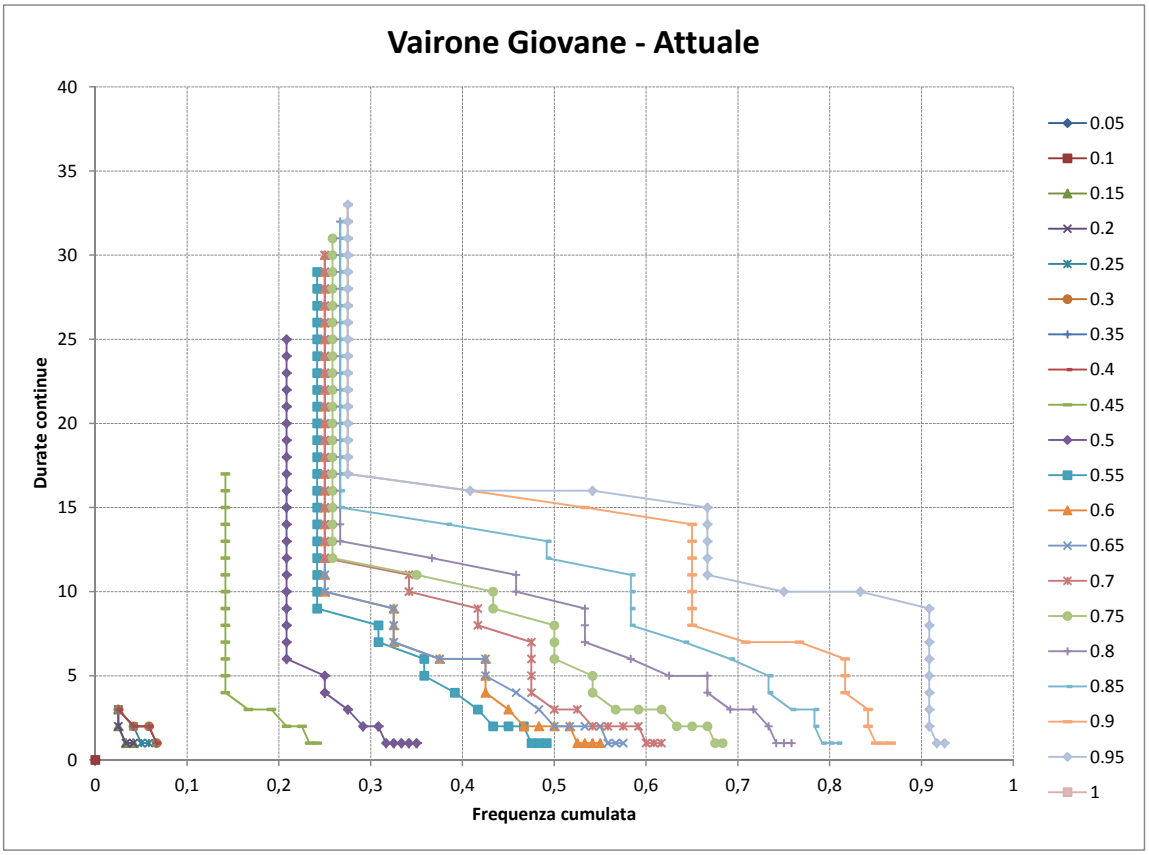

Fario Giovane - Attuale
Portata (m^3/s)
ADP
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21-gen
10-feb
2-mar
22-mar
Portata
ADP

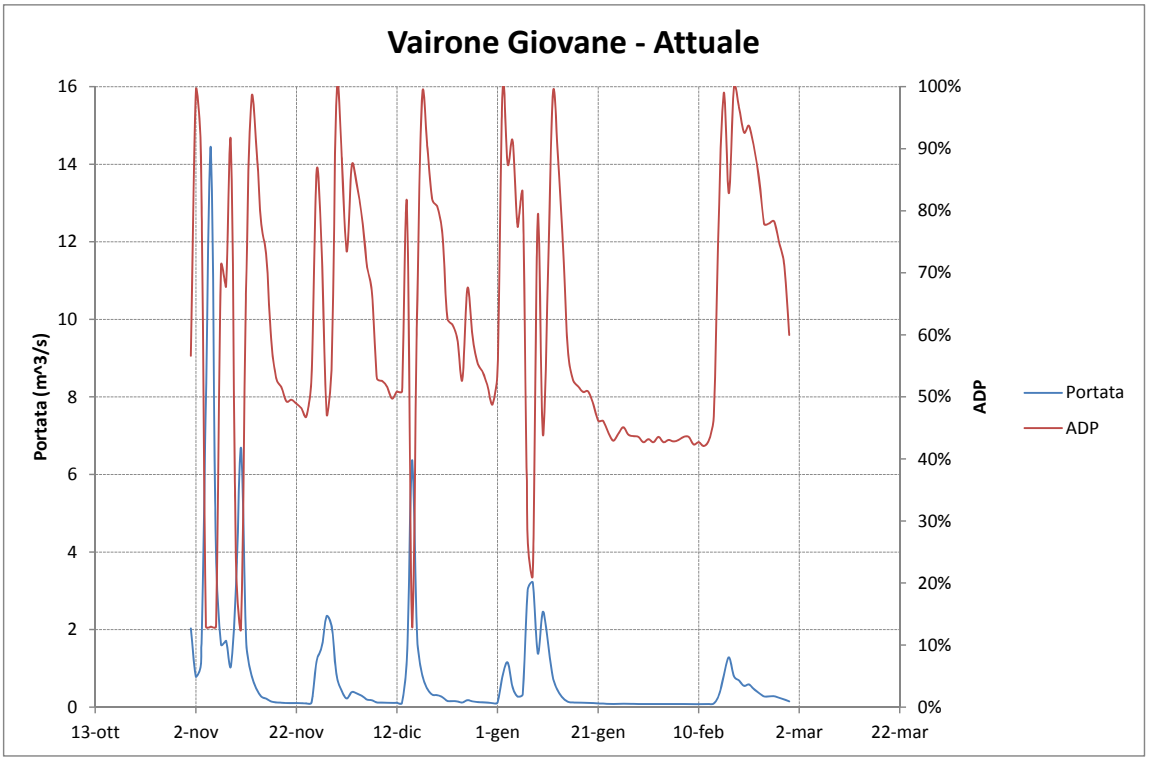

Fario 0+ - Attuale
Durate continue
Frequenza cumulata
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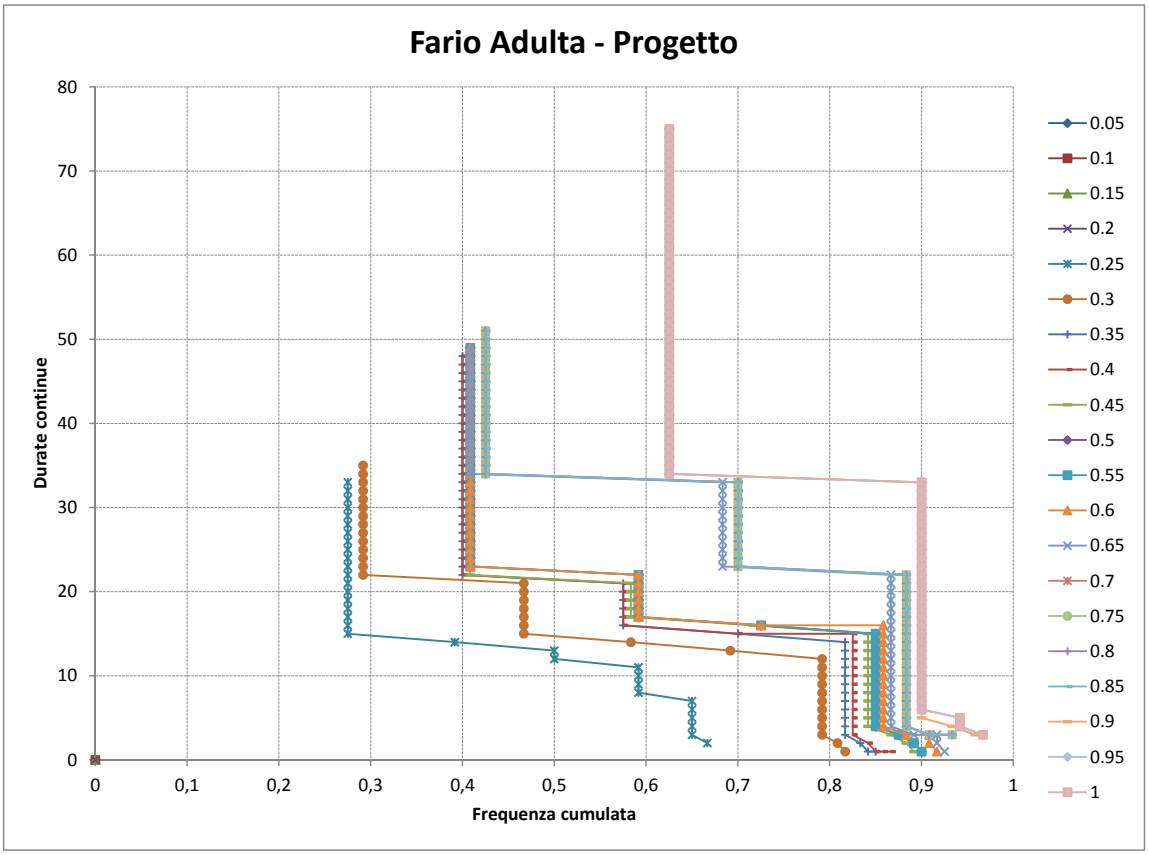

Fario 0+ - Attuale
Portata (m^3/s)
ADP
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21-gen
10-feb
2-mar
22-mar
Portata
ADP

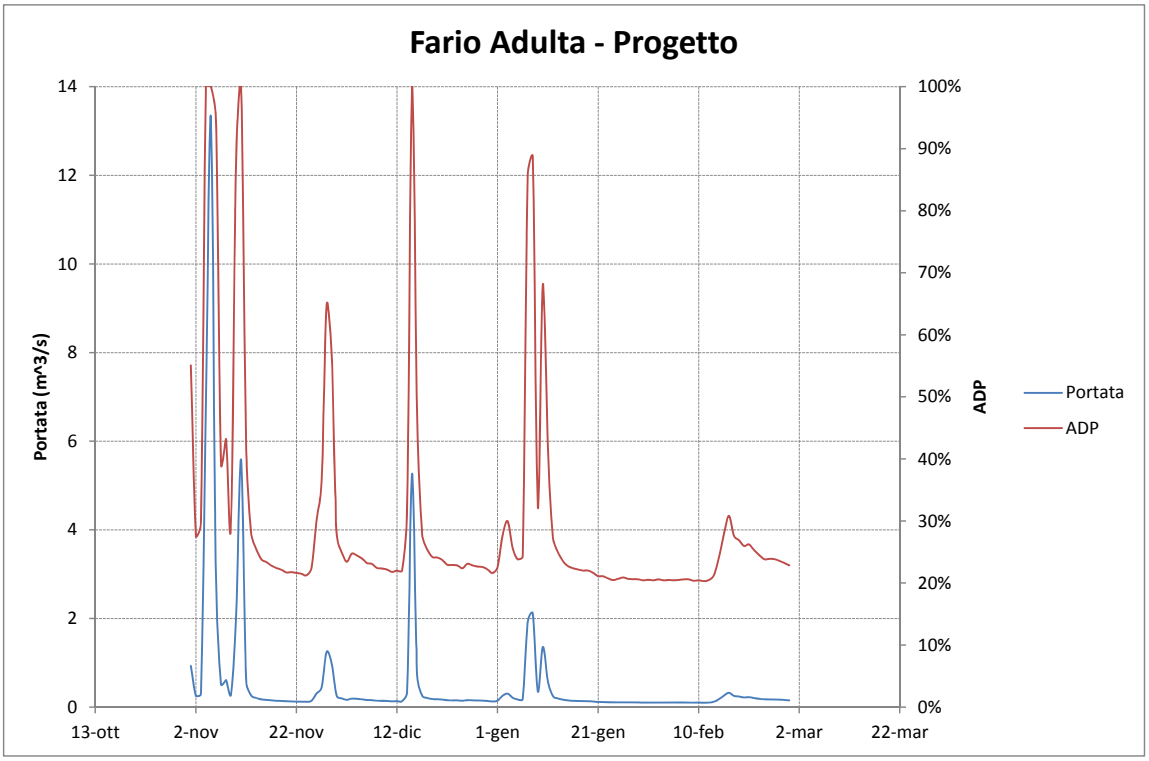

Vairone Adulta - Attuale
Durate continue
Frequenza cumulata
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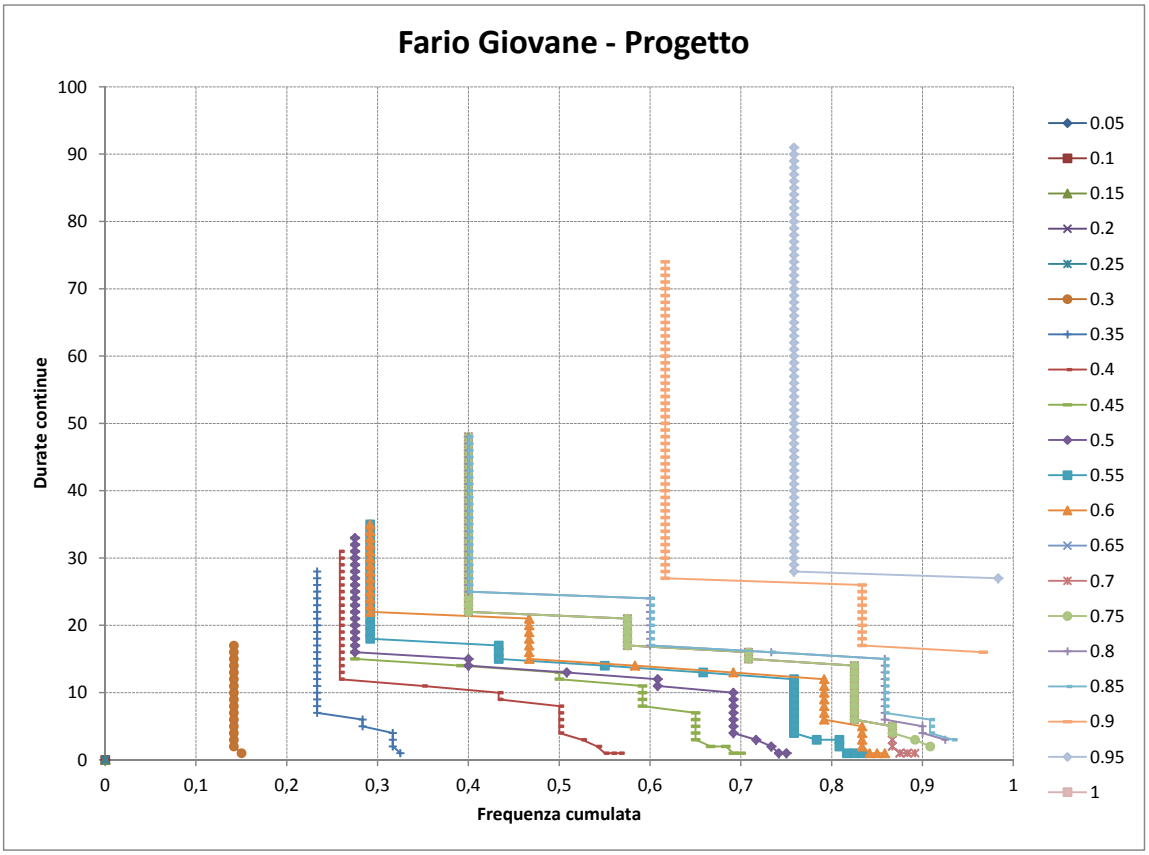

Vairone Adulta - Attuale
Portata (m^3/s)
ADP
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2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

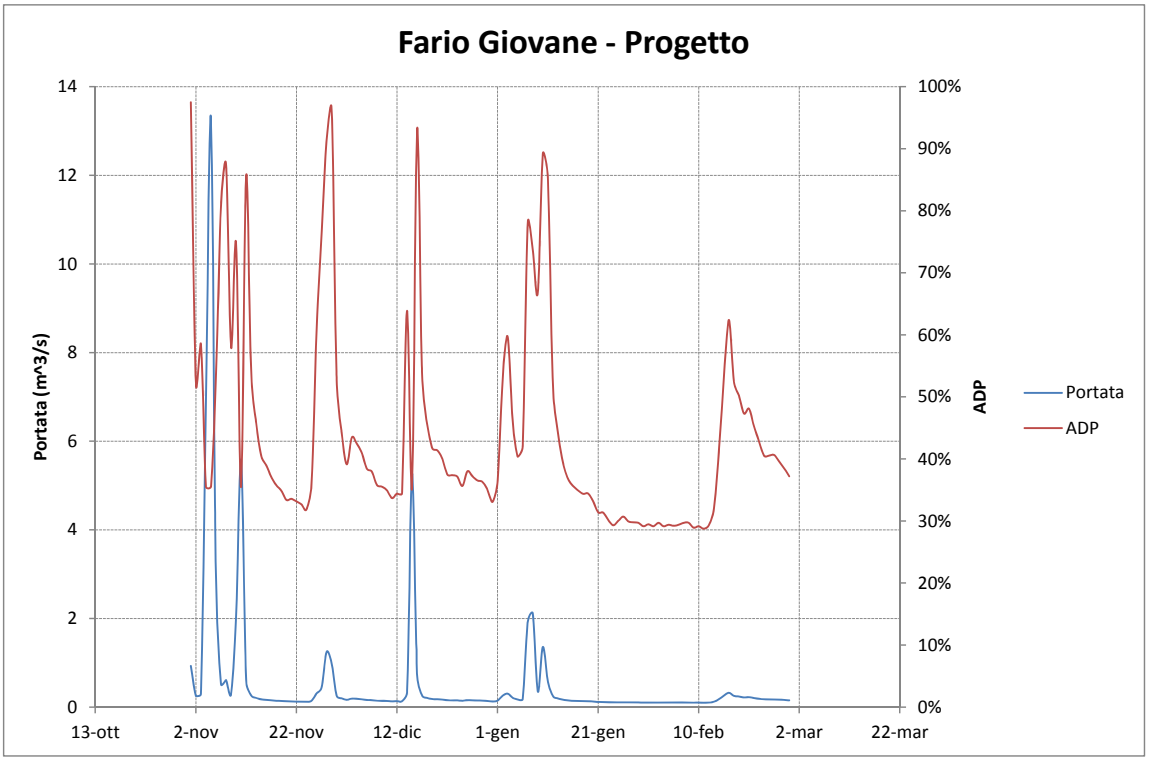

Vairone Giovane - Attuale
Durate continue
Frequenza cumulata
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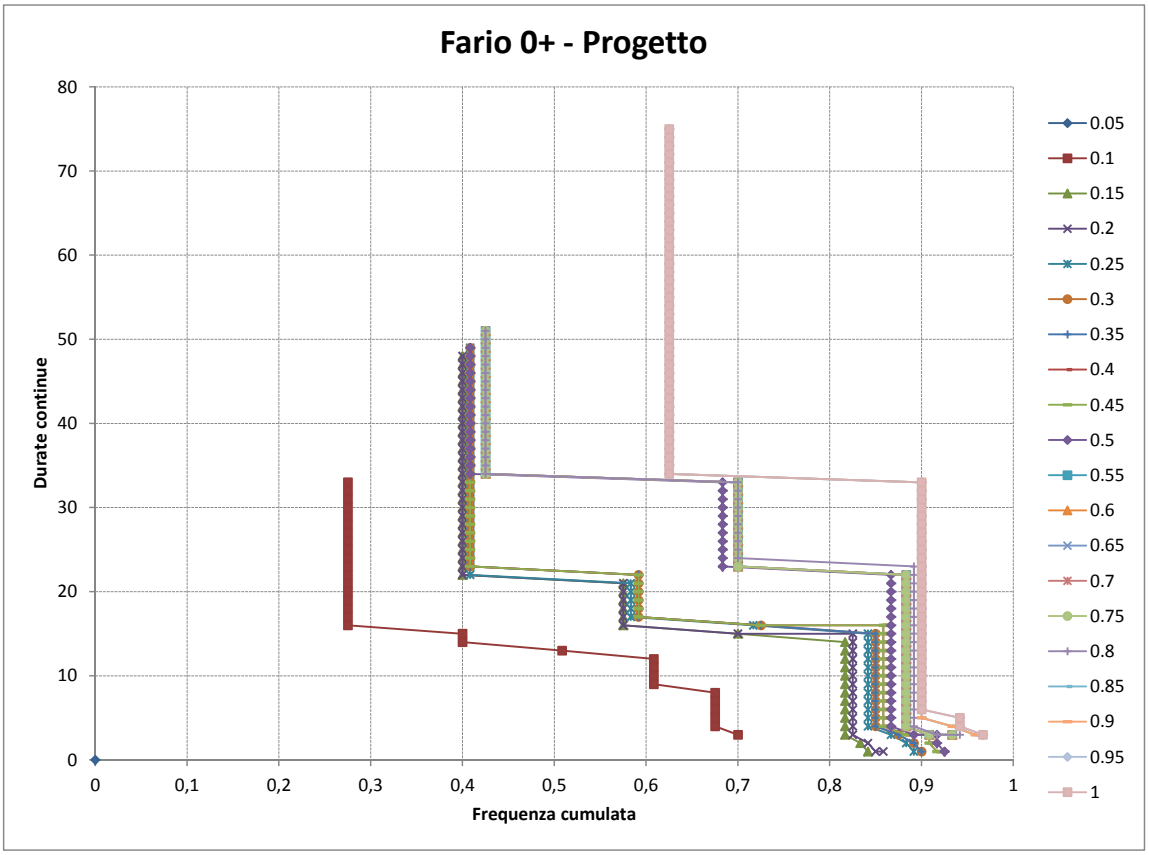

Vairone Giovane - Attuale
Portata (m^3/s)
ADP
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12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

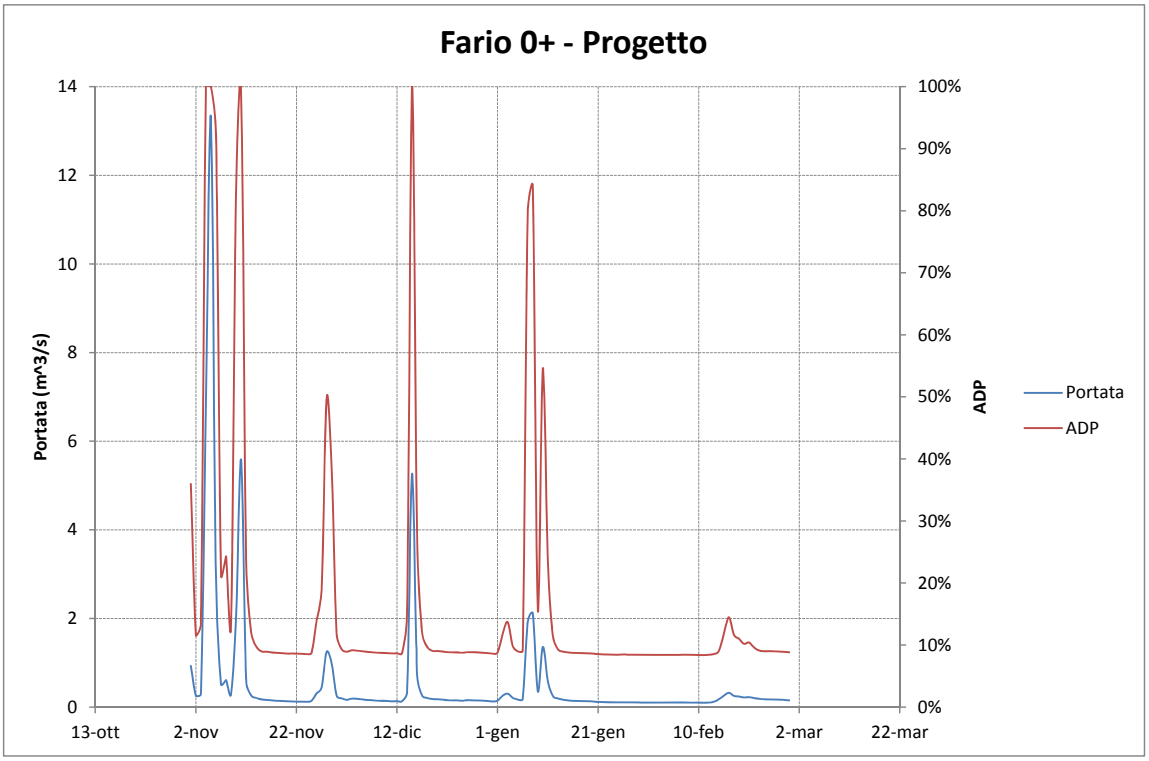

Fario Adulta - Progetto
Durate continue
Frequenza cumulata
0
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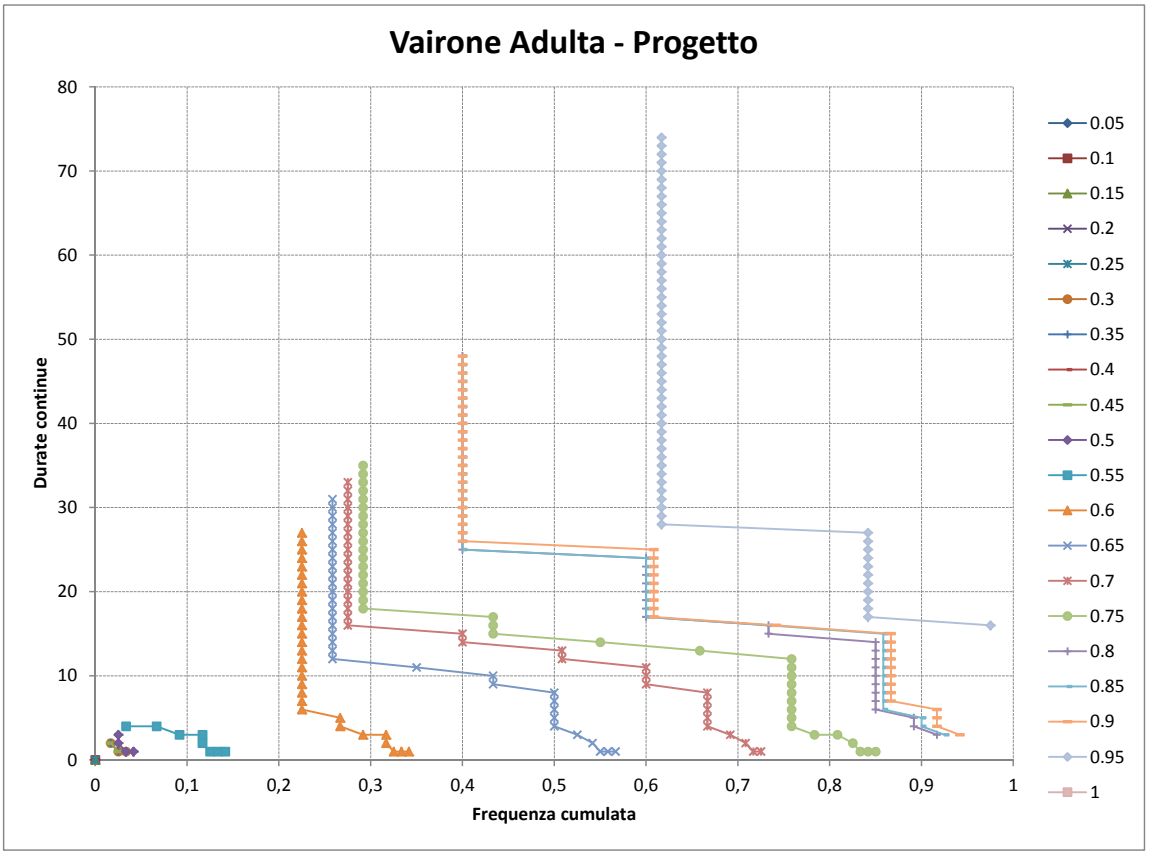

Fario Adulta - Progetto
Portata (m^3/s)
ADP
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30%
40%
50%
60%
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13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

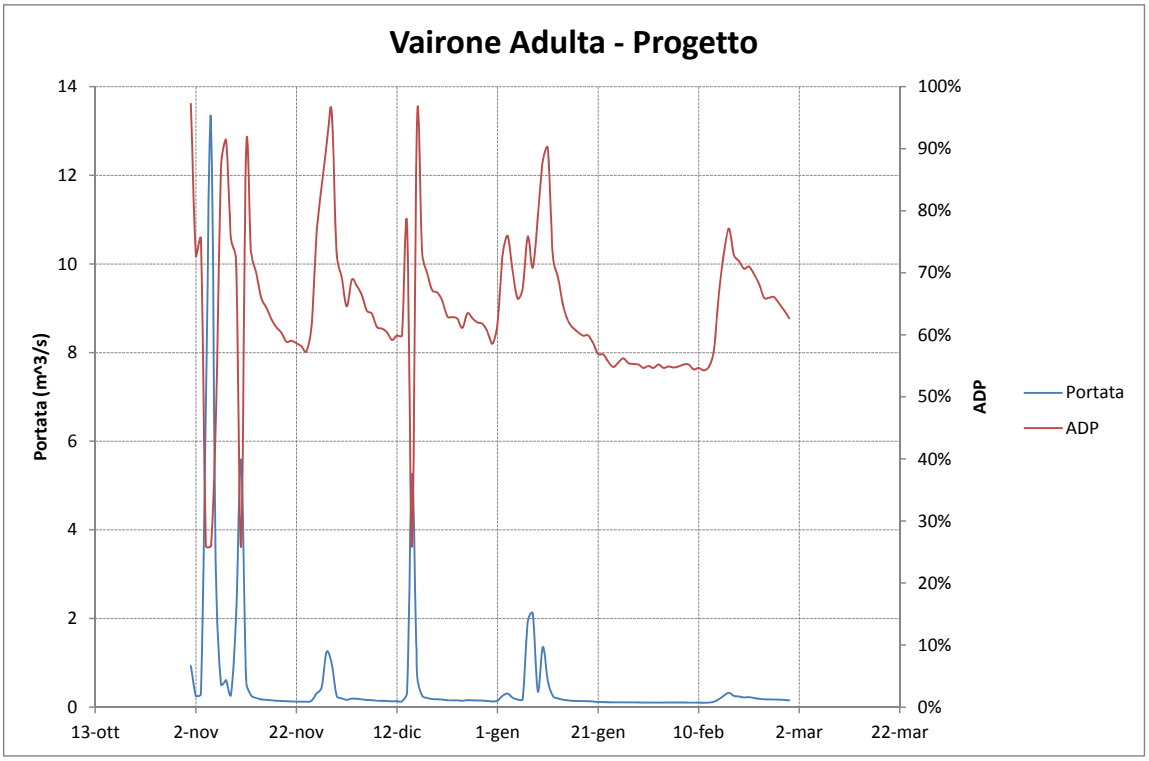

Fario Giovane - Progetto
Durate continue
Frequenza cumulata
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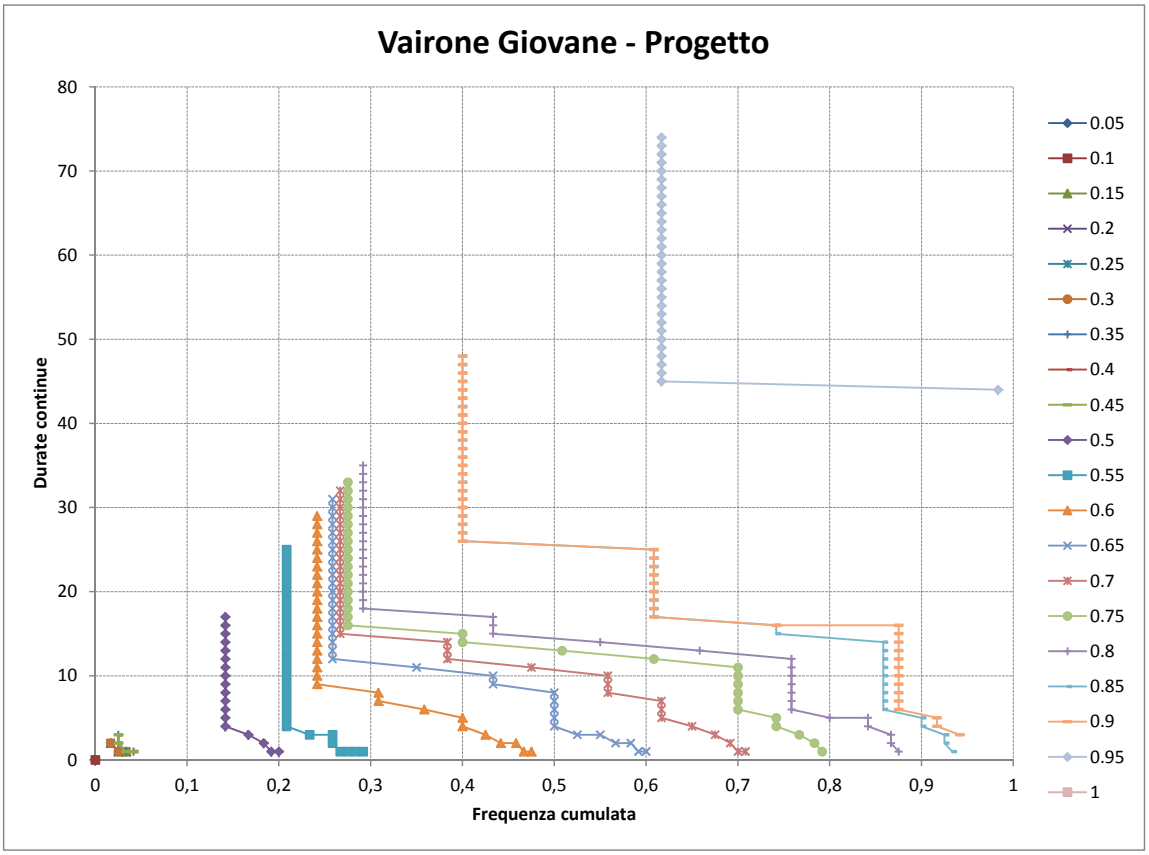

Fario Giovane - Progetto
Portata (m^3/s)
ADP
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1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

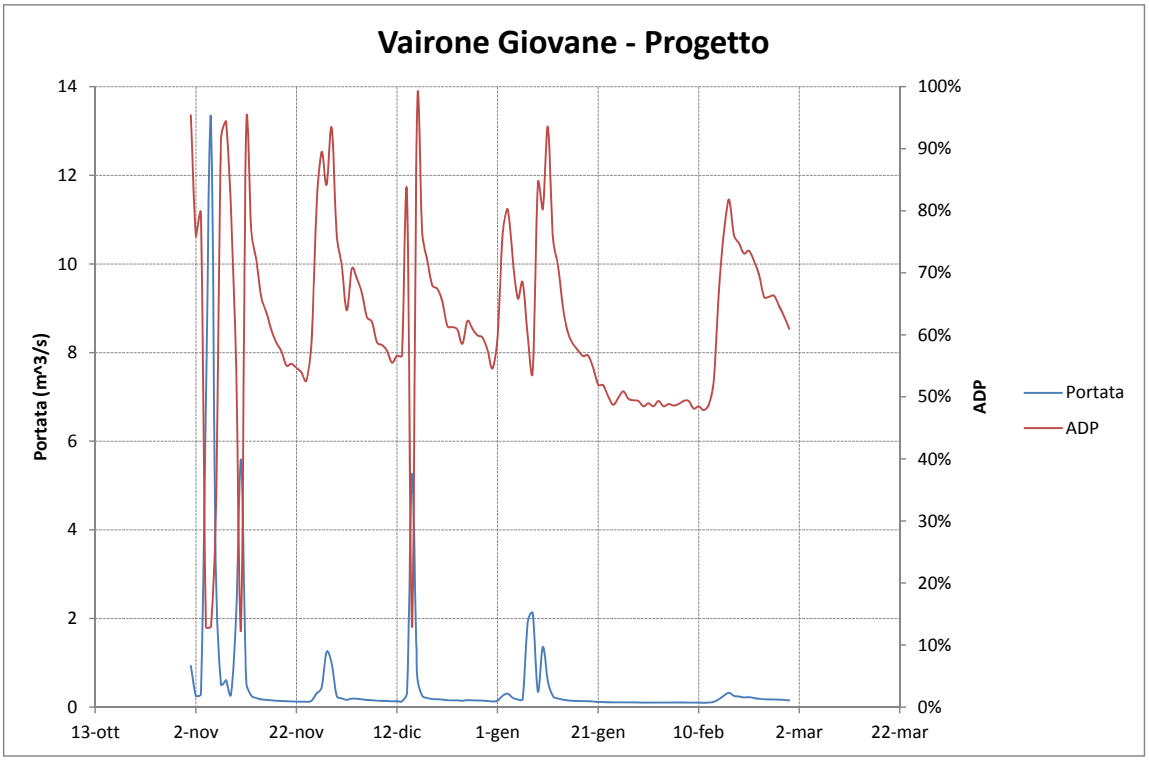

Fario 0+ - Progetto
Durate continue
Frequenza cumulata
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Fario 0+ - Progetto
Portata (m^3/s)
ADP
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1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP


Vairone Adulta - Progetto
Durate continue
Frequenza cumulata
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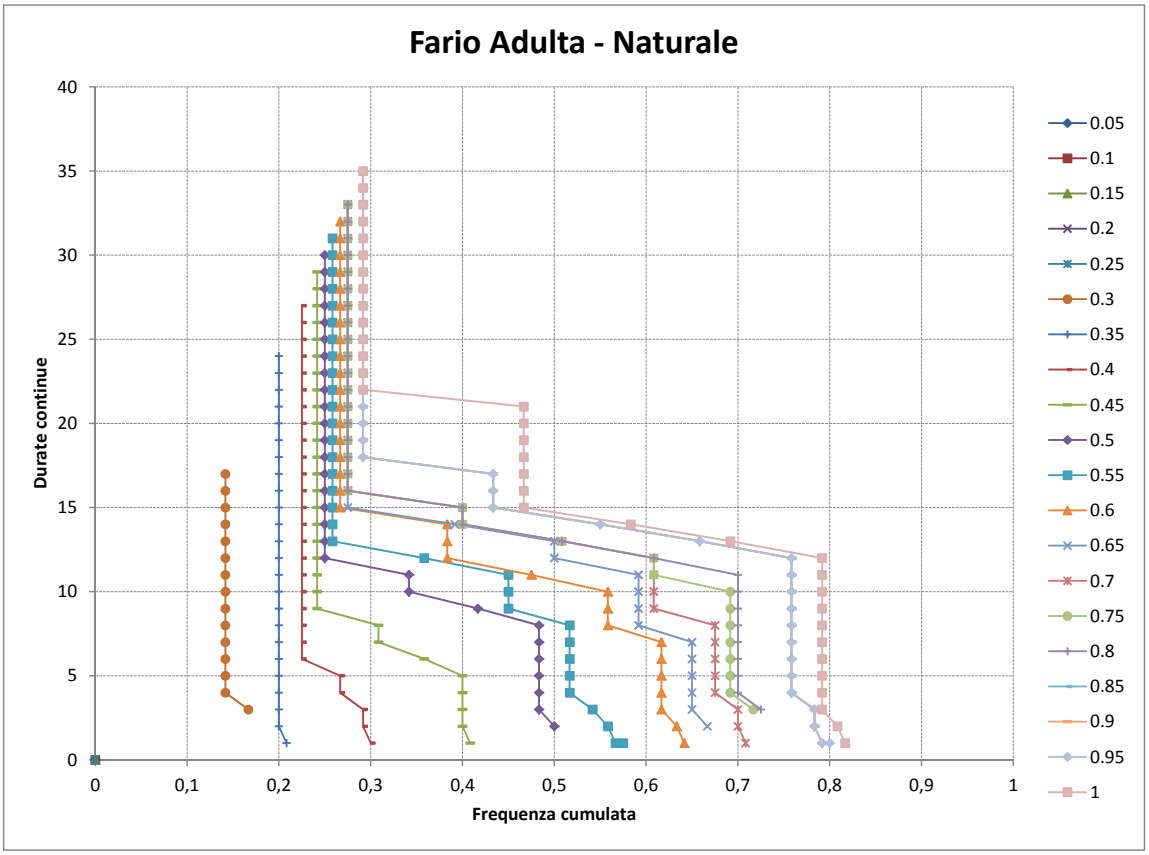

Vairone Adulta - Progetto
Portata (m^3/s)
ADP
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13-ott
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21-gen
10-feb
2-mar
22-mar
Portata
ADP

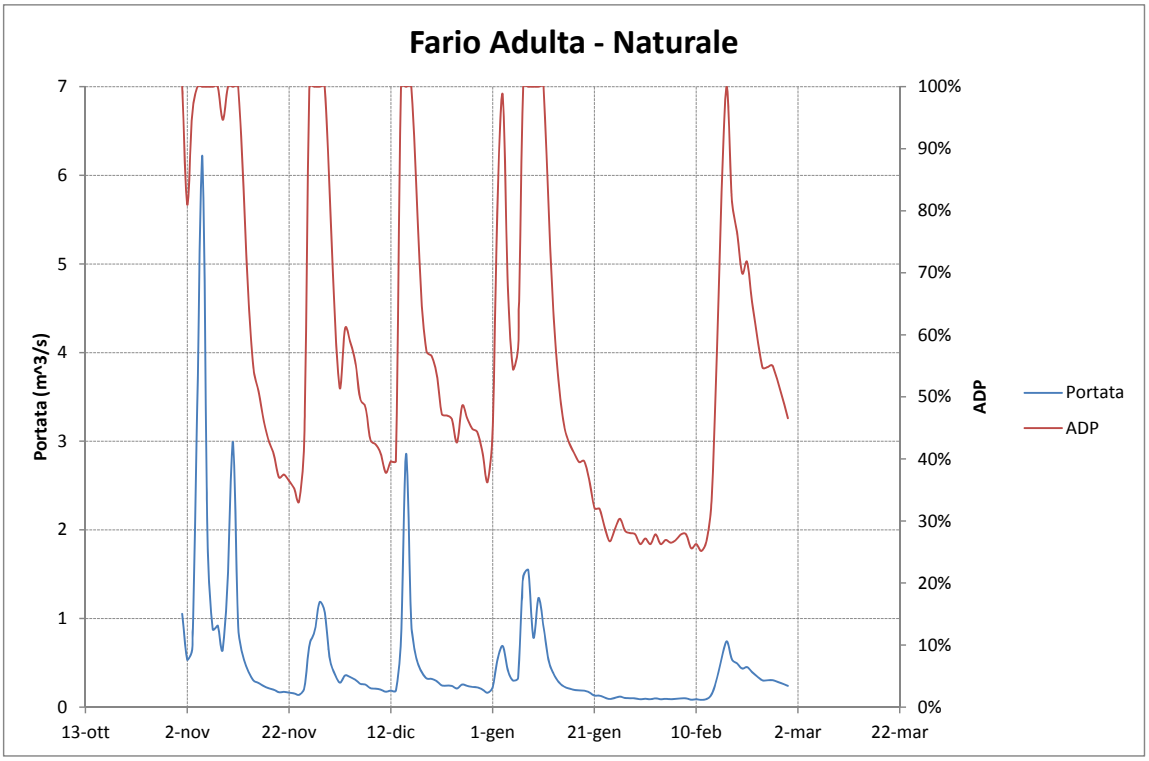

Vairone Giovane - Progetto
Durate continue
Frequenza cumulata
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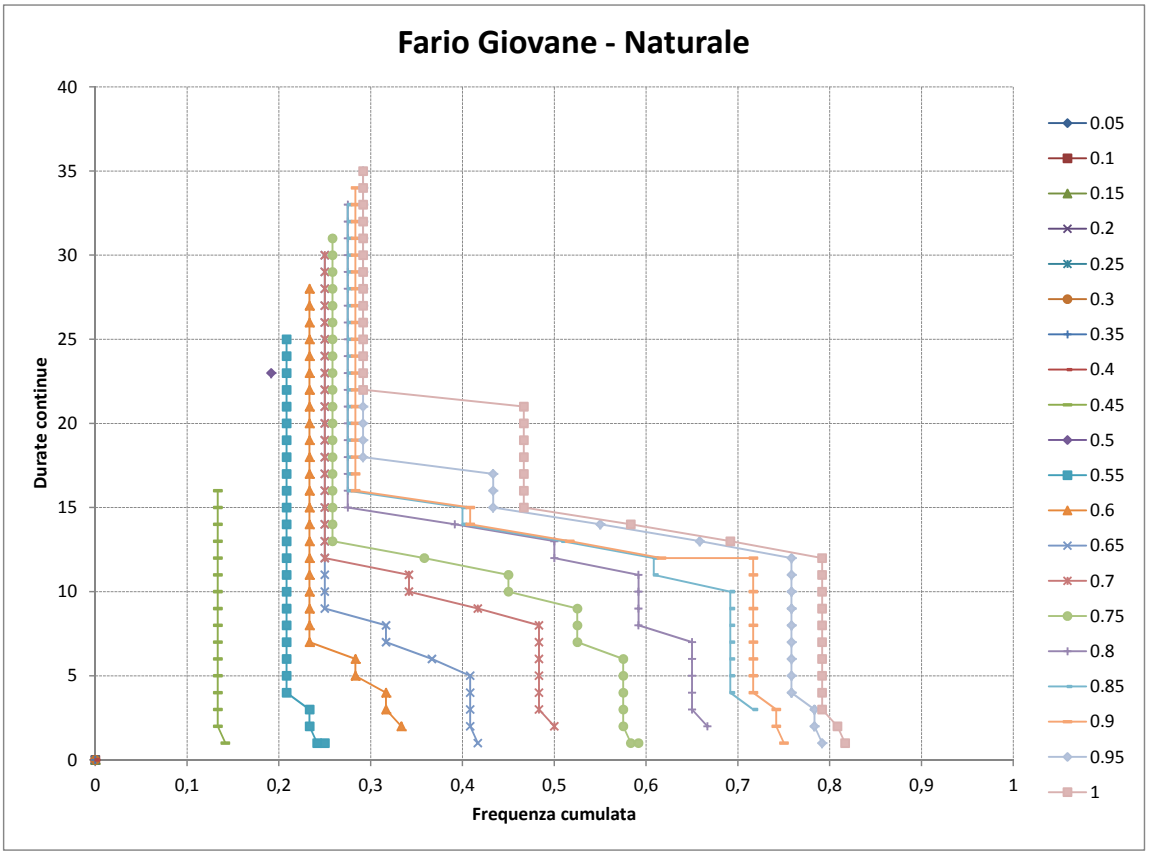

Vairone Giovane - Progetto
Portata (m^3/s)
ADP
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10%
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70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

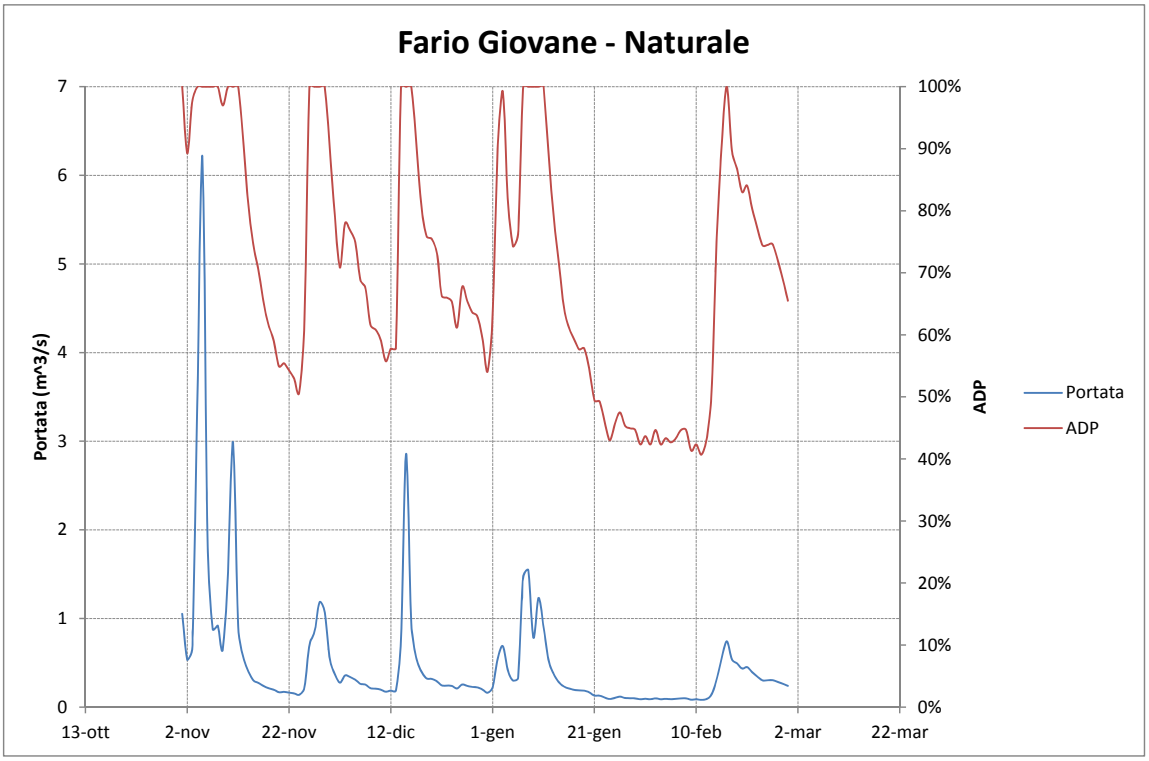
ALLEGATO 3 – UCUT curves

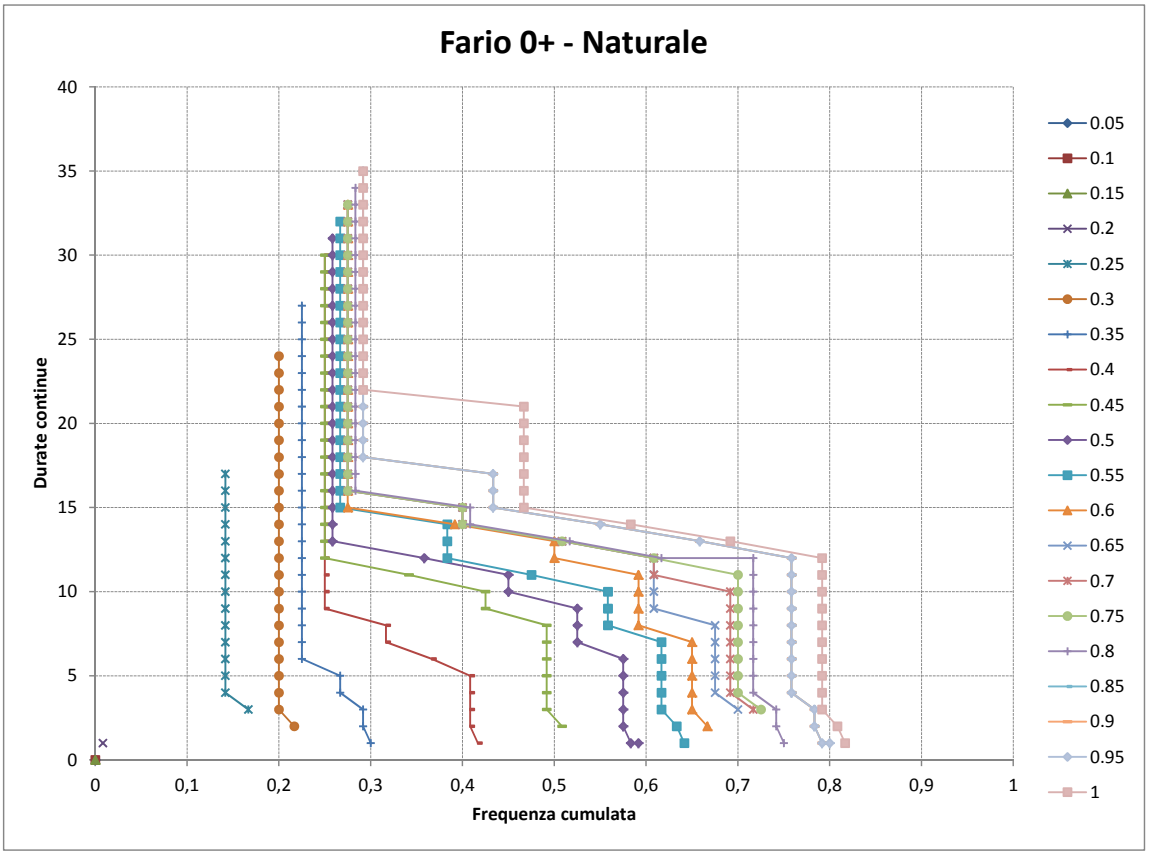
3.4 Rezzoaglio 08

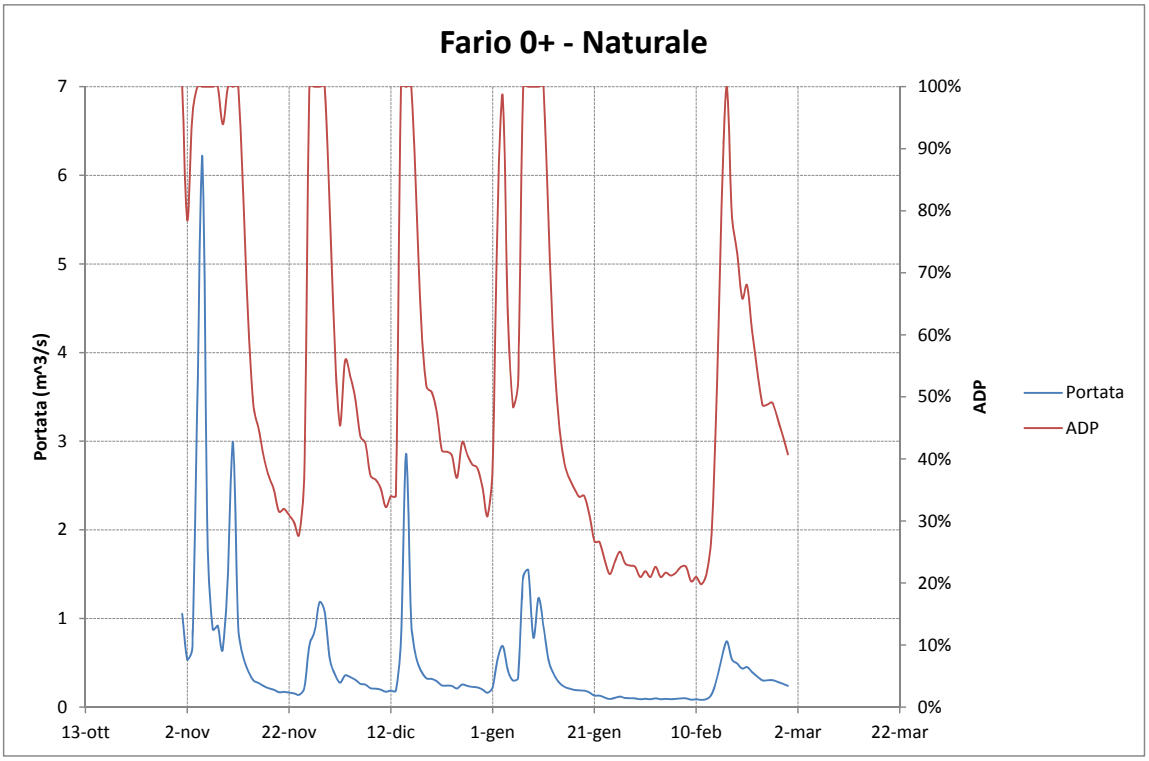

Fario Adulta - Naturale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

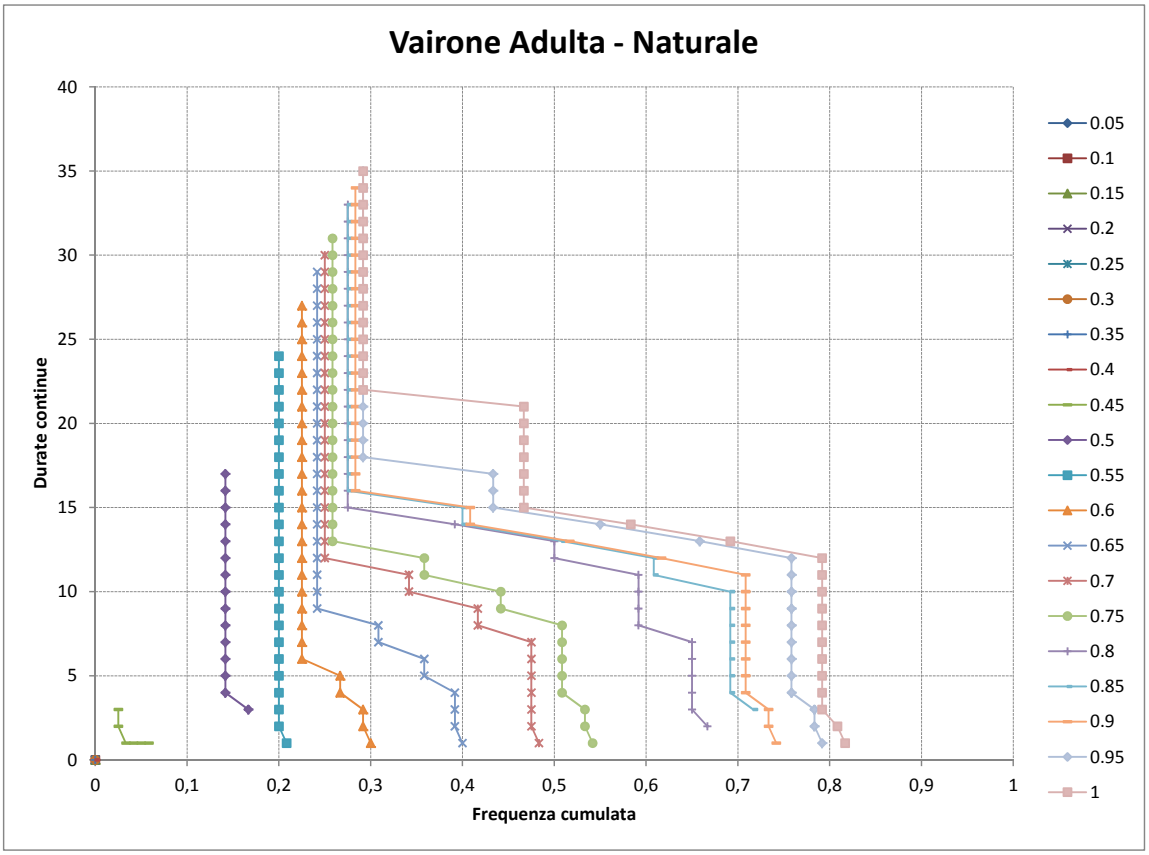

Fario Adulta - Naturale
Portata (m^3/s)
ADP
0
1
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7
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

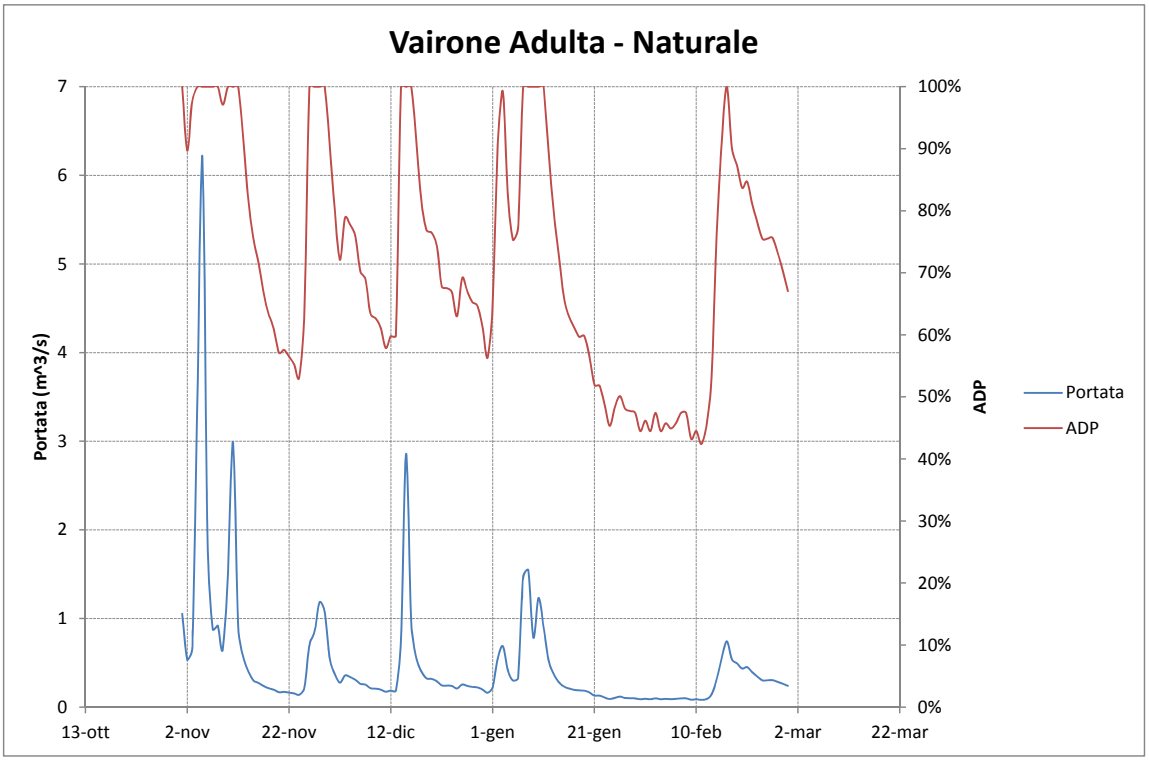

Fario Giovane - Naturale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
0
0,1
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1
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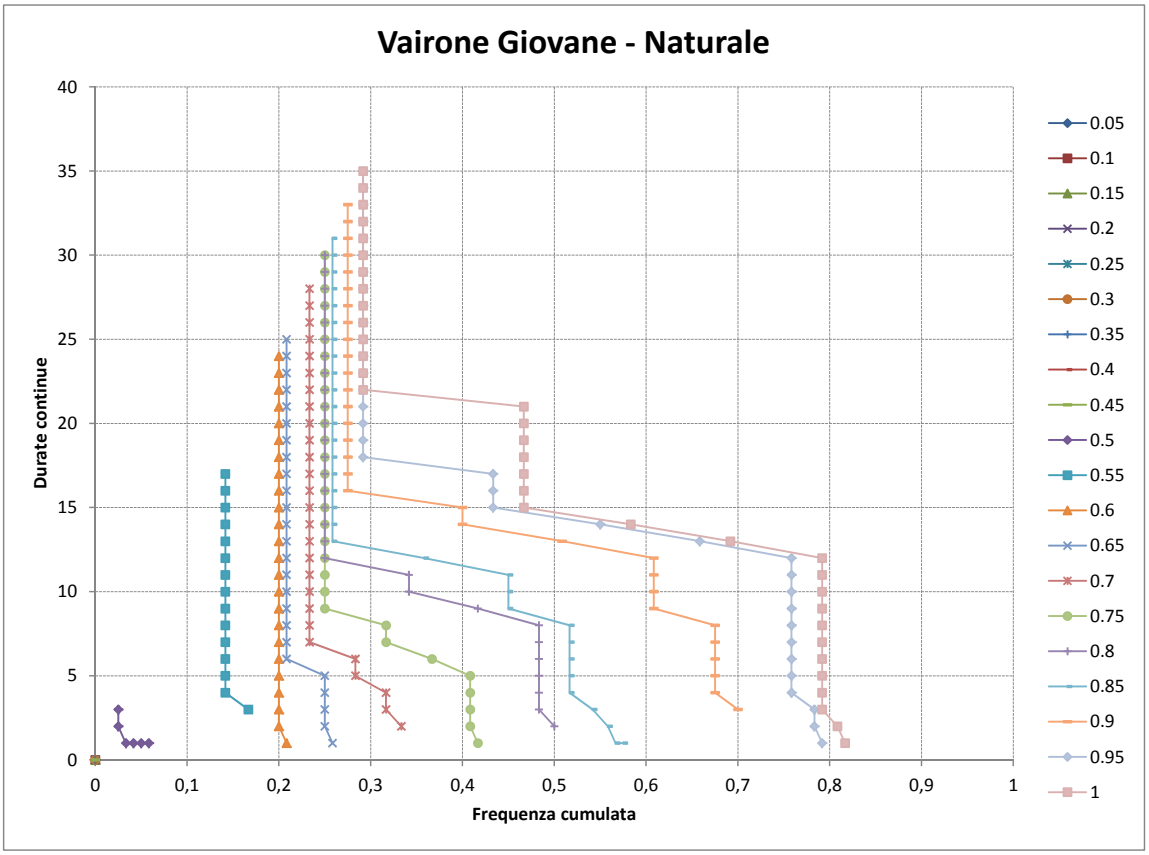

Fario Giovane - Naturale
Portata (m^3/s)
ADP
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13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

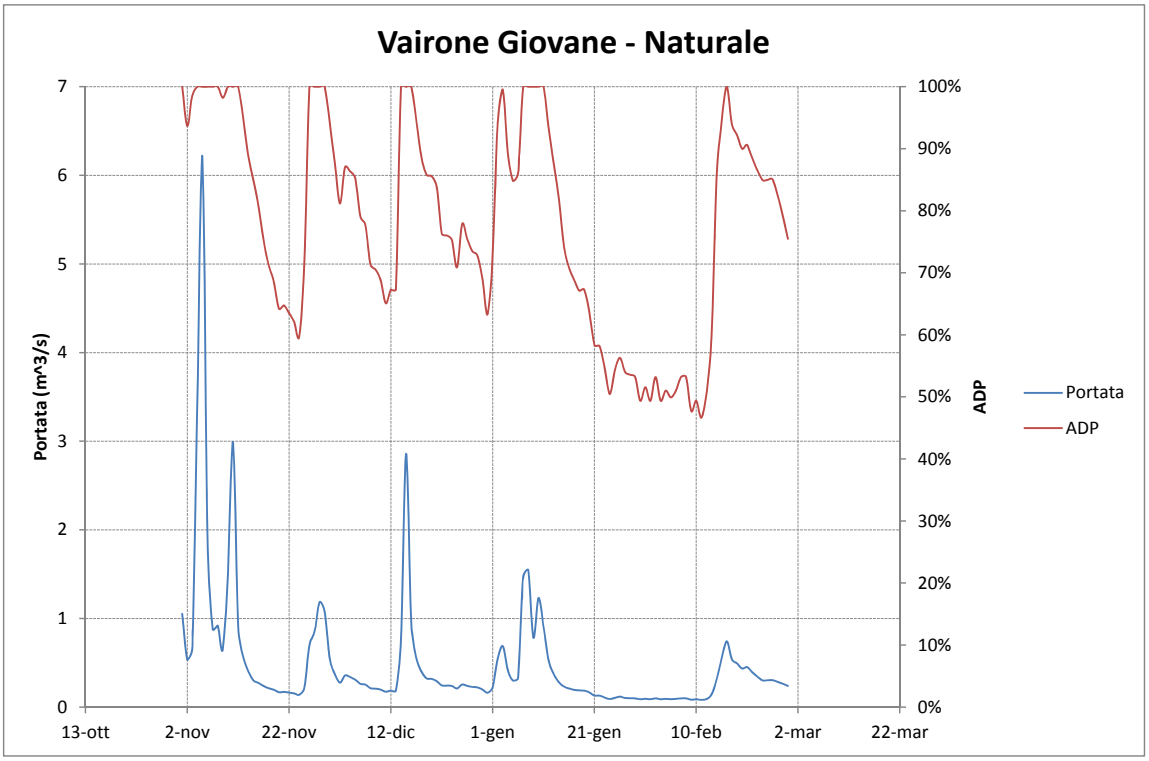

Fario 0+ - Naturale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
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0.9
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1

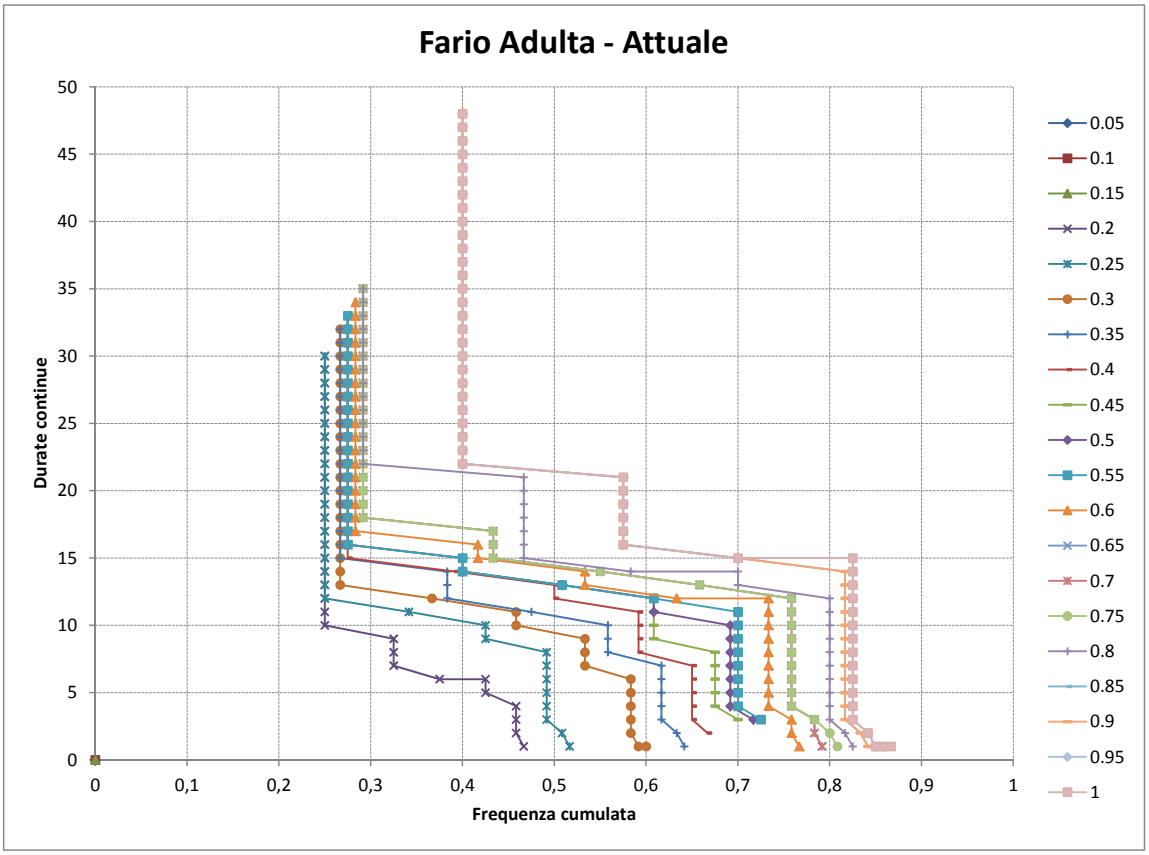

Fario 0+ - Naturale
Portata (m^3/s)
ADP
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13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

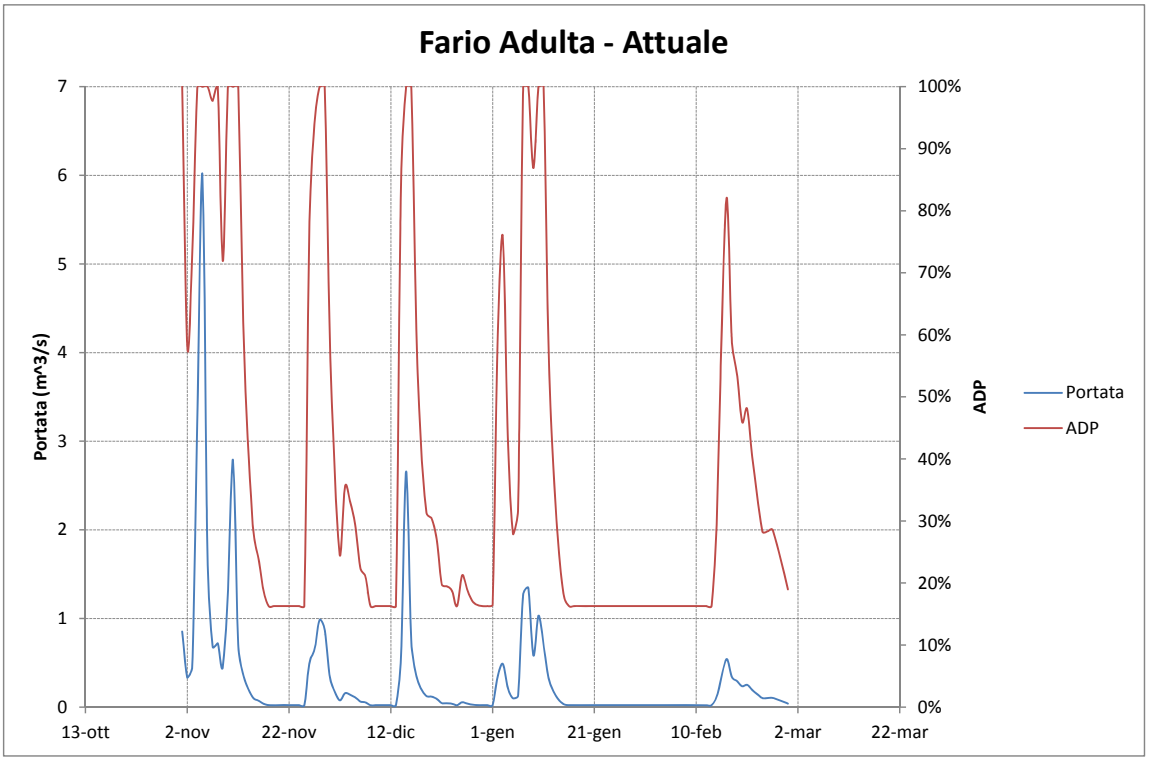

Vairone Adulta - Naturale
Durate continue
Frequenza cumulata
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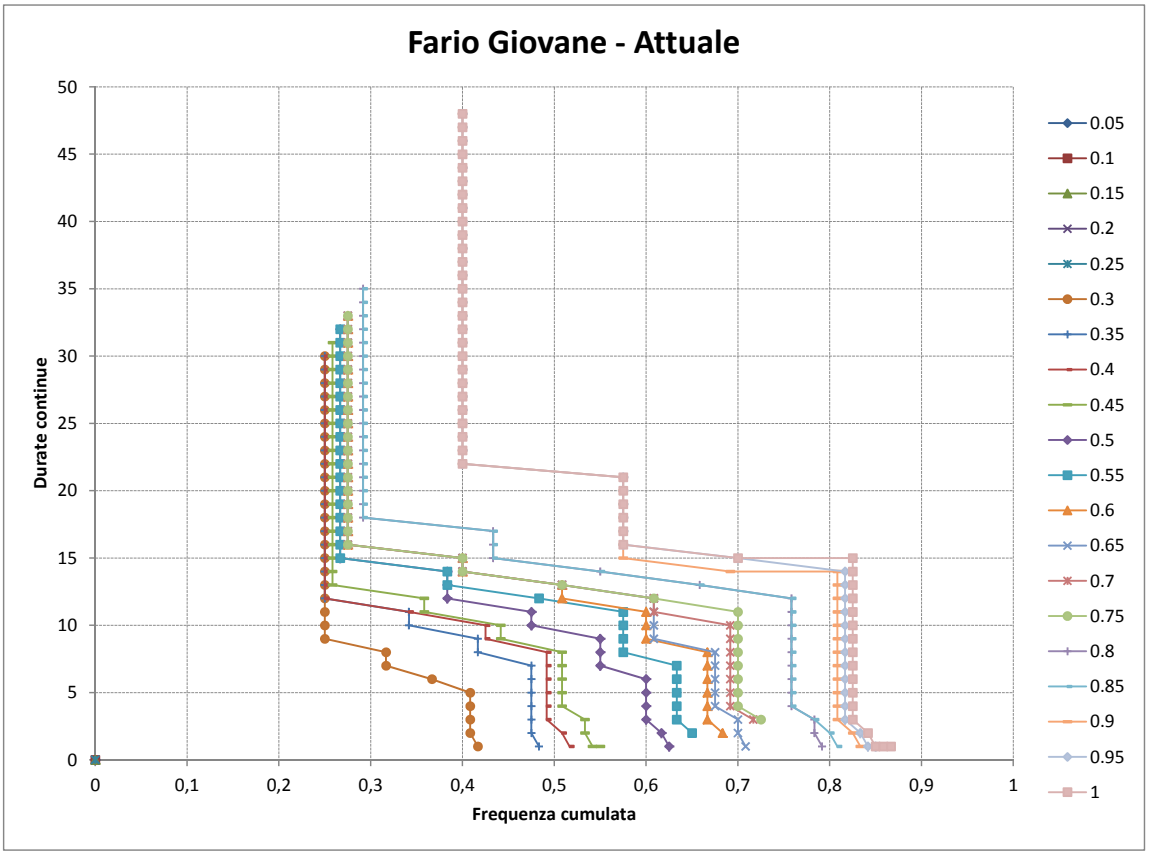

Vairone Adulta - Naturale
Portata (m^3/s)
ADP
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22-nov
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1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

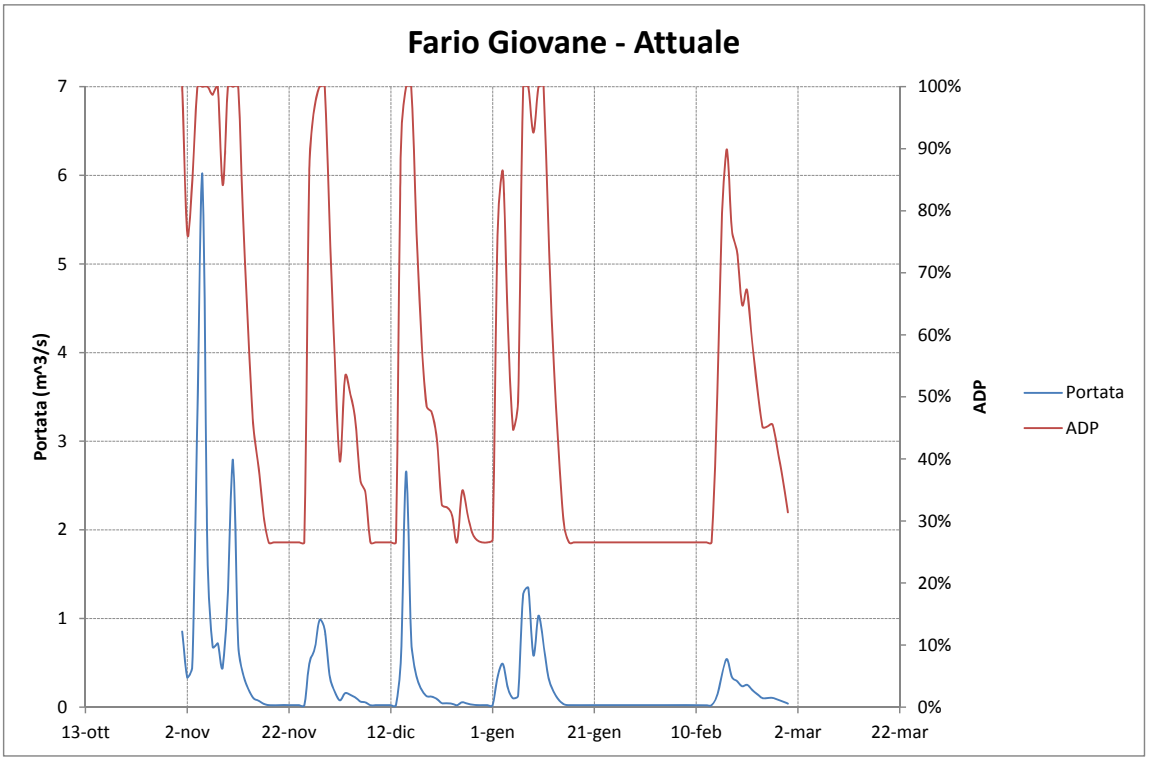

Vairone Giovane - Naturale
Durate continue
Frequenza cumulata
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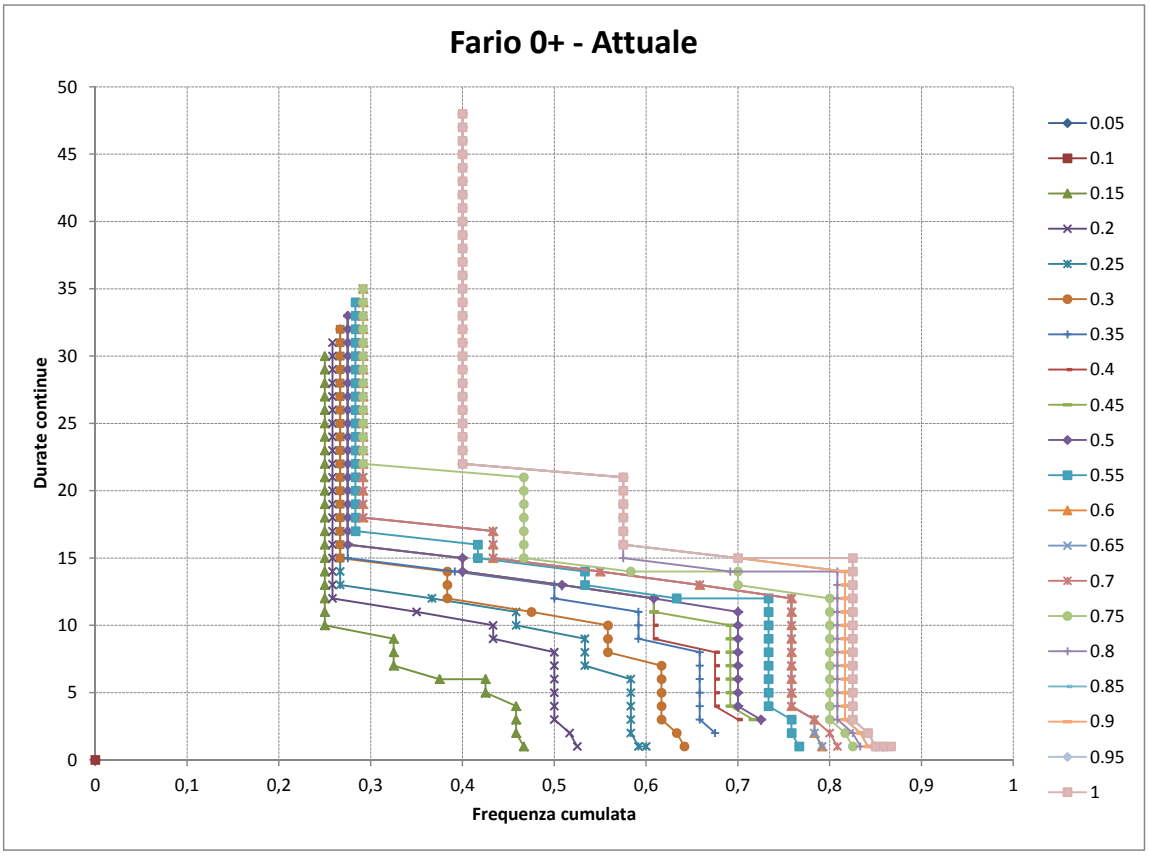

Vairone Giovane - Naturale
Portata (m^3/s)
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2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

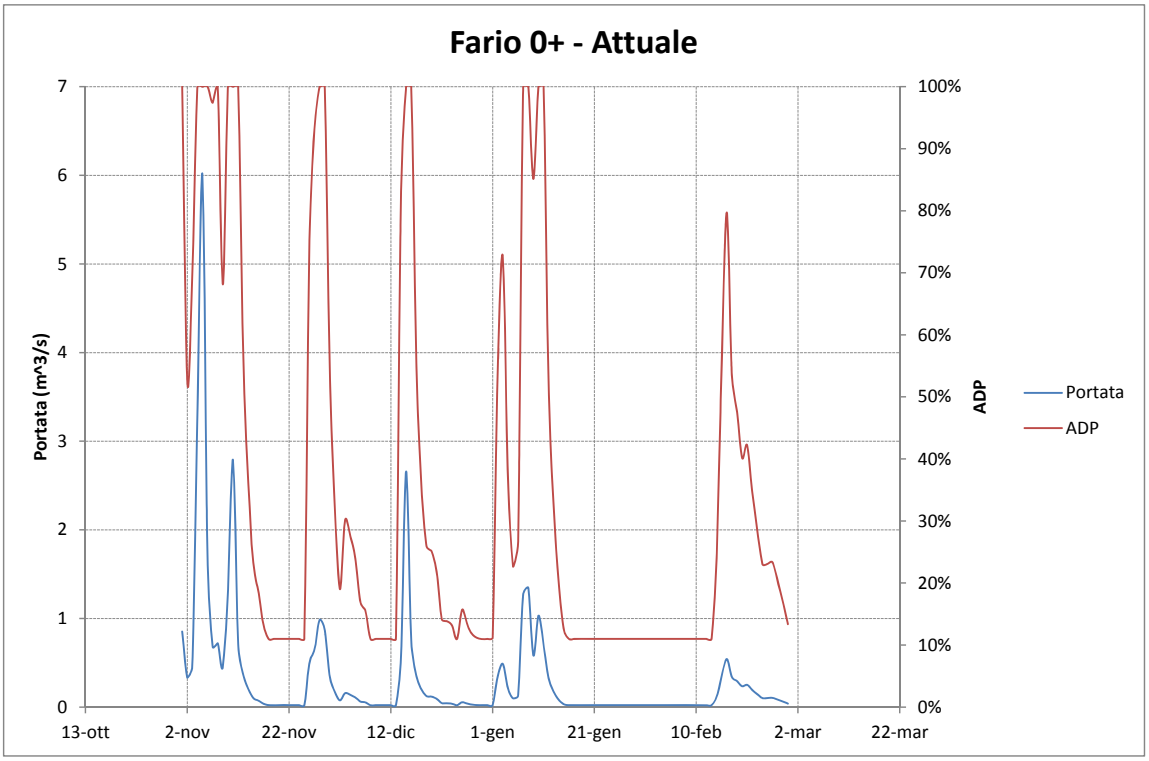

Fario Adulta - Attuale
Durate continue
Frequenza cumulata
0.05
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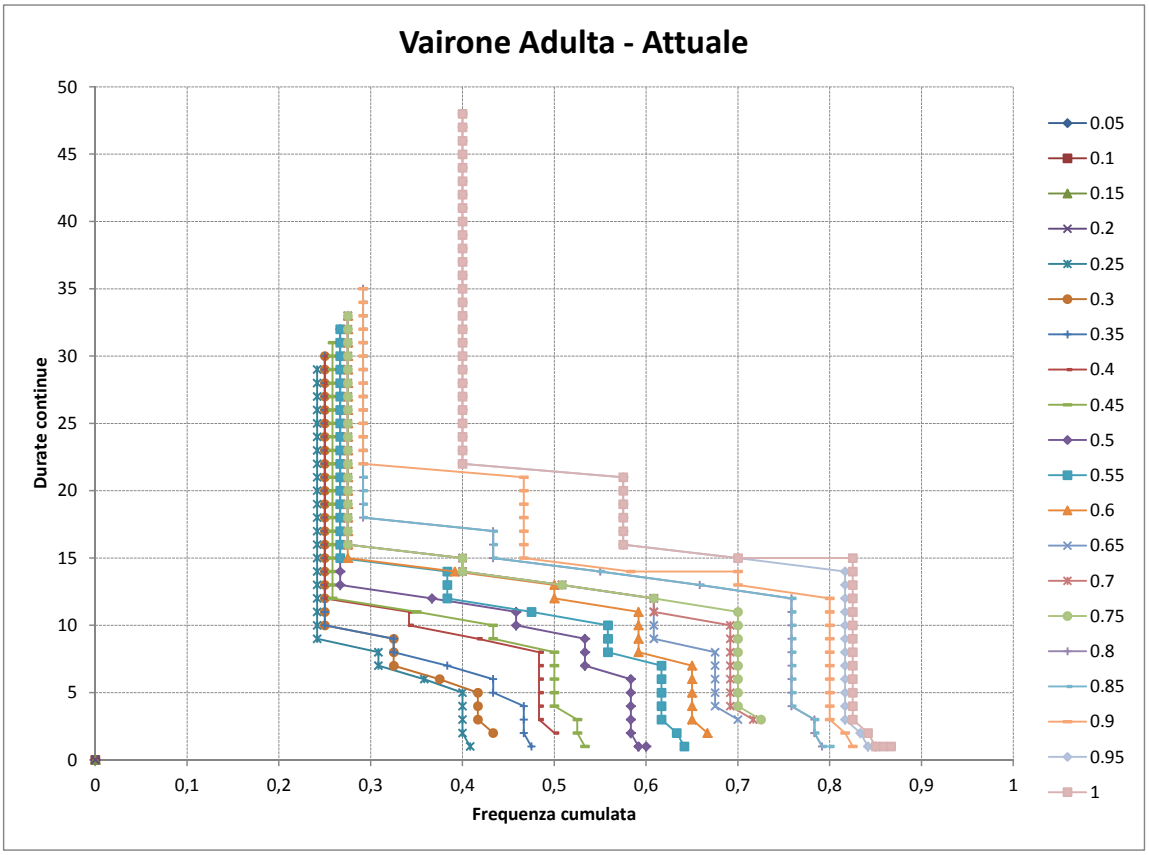

Fario Adulta - Attuale
Portata (m^3/s)
ADP
Portata
ADP
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar

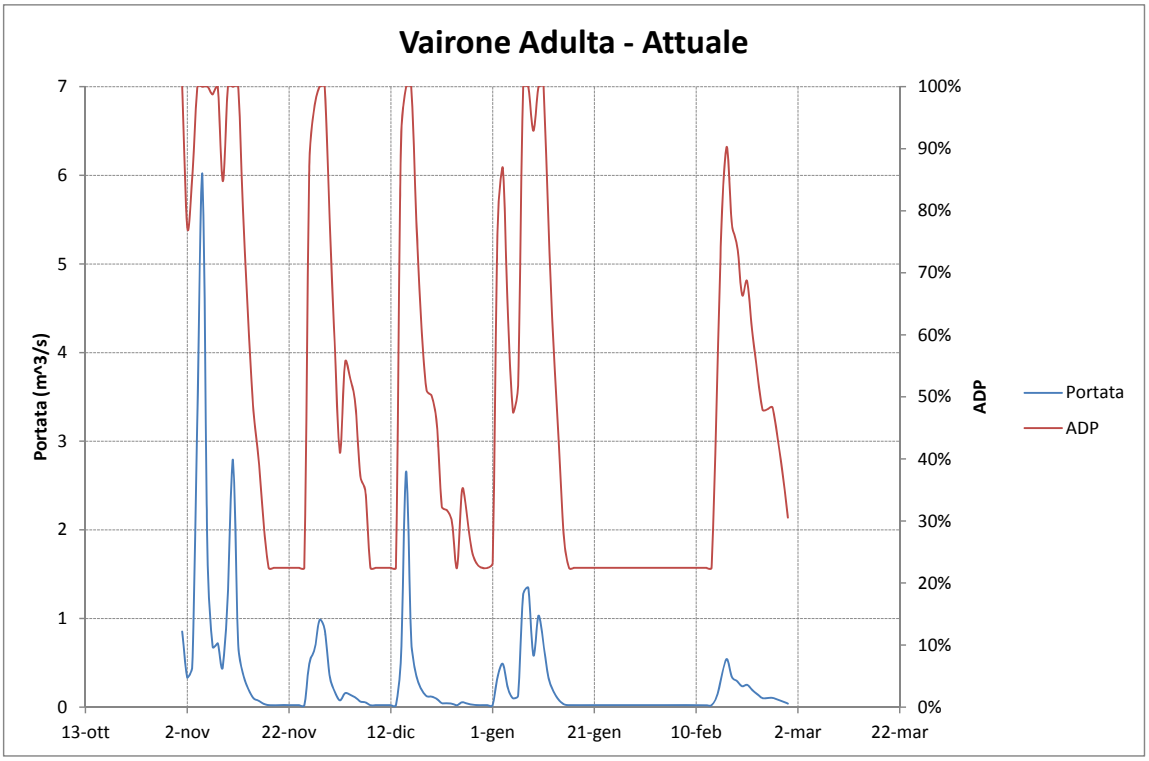

Fario Giovane - Attuale
Durate continue
Frequenza cumulata
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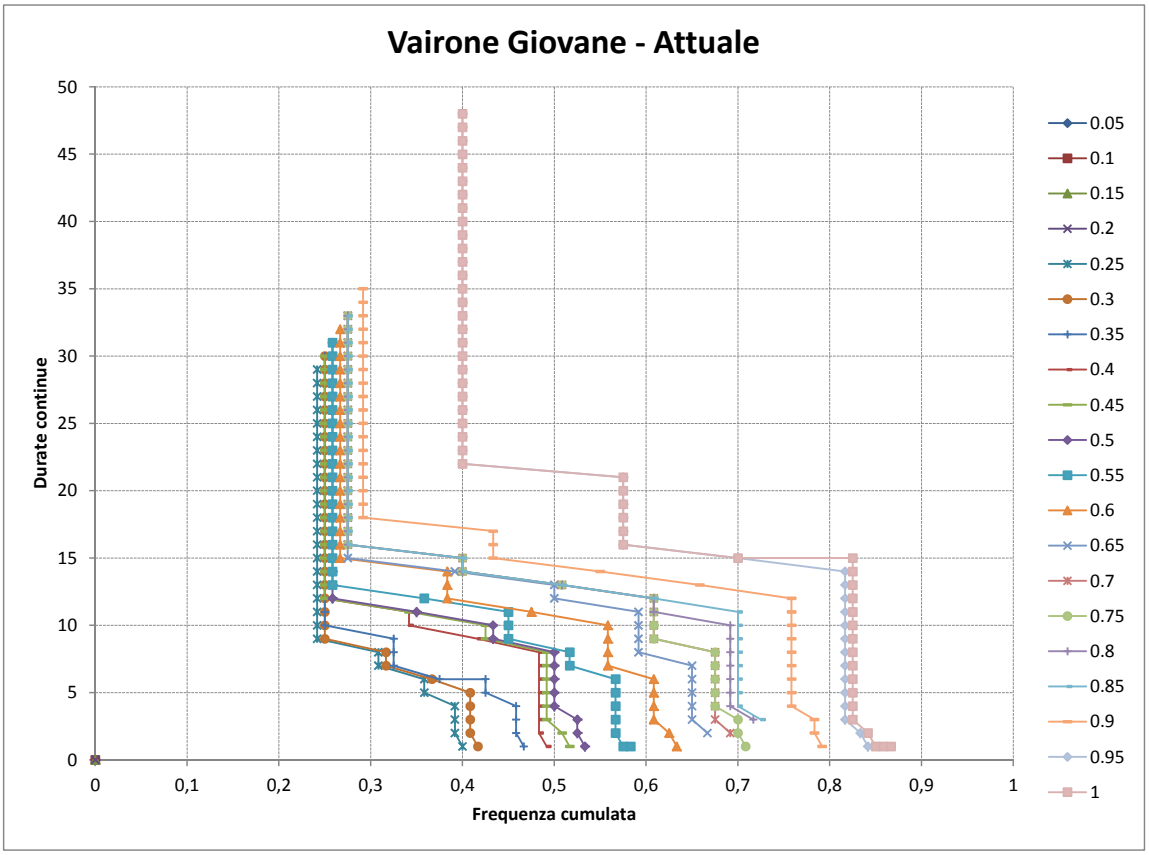

Fario Giovane - Attuale
Portata (m^3/s)
ADP
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60%
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13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

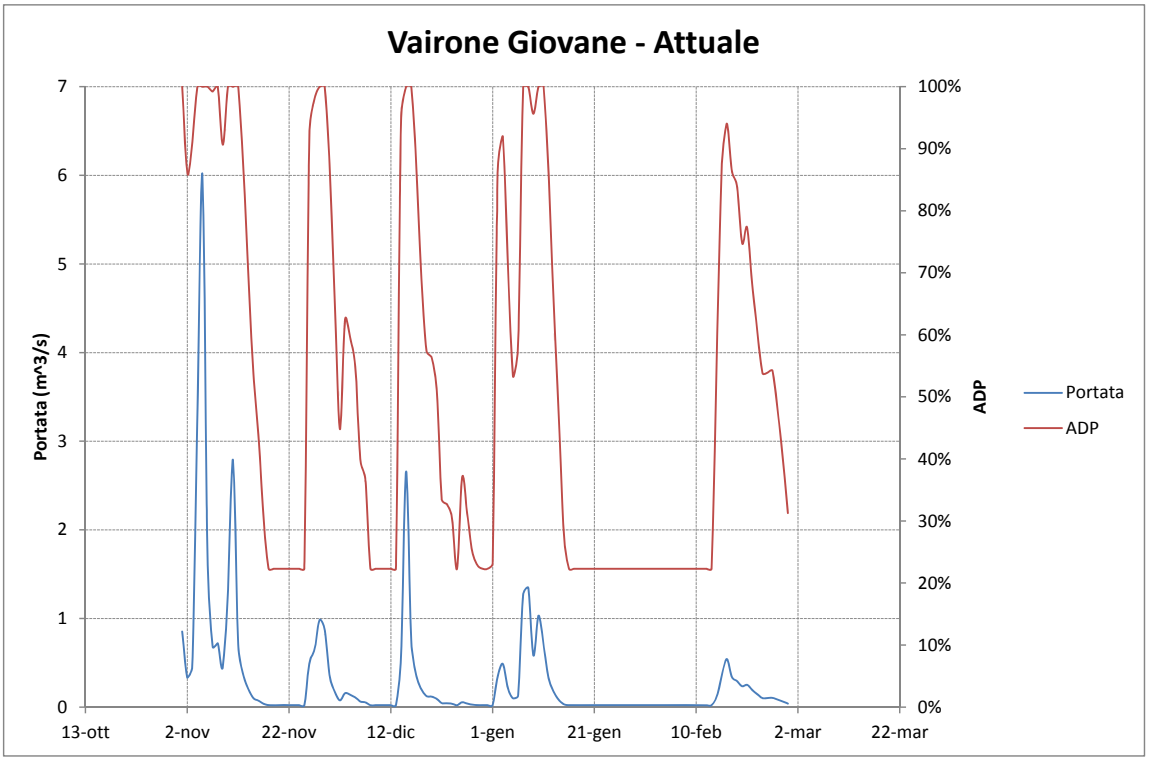

Fario 0+ - Attuale
Durate continue
Frequenza cumulata
0
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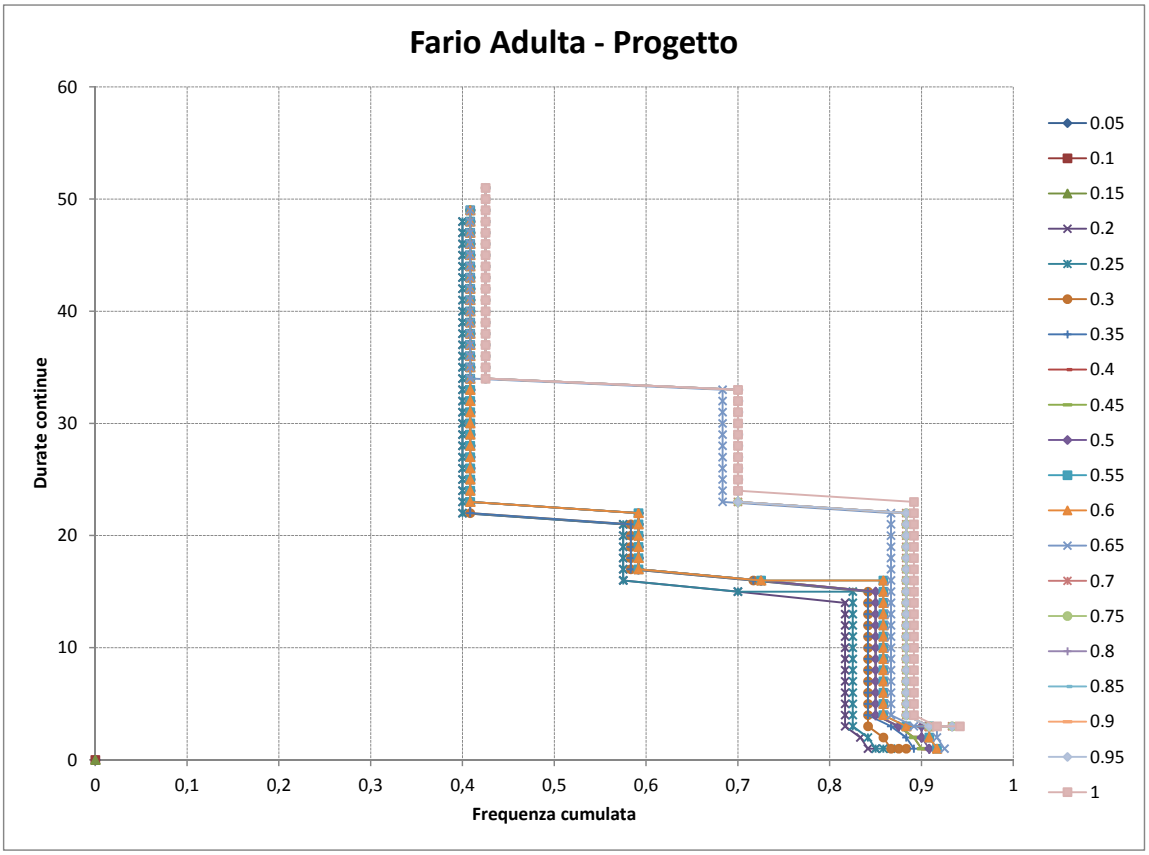

Fario 0+ - Attuale
Portata (m^3/s)
ADP
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30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

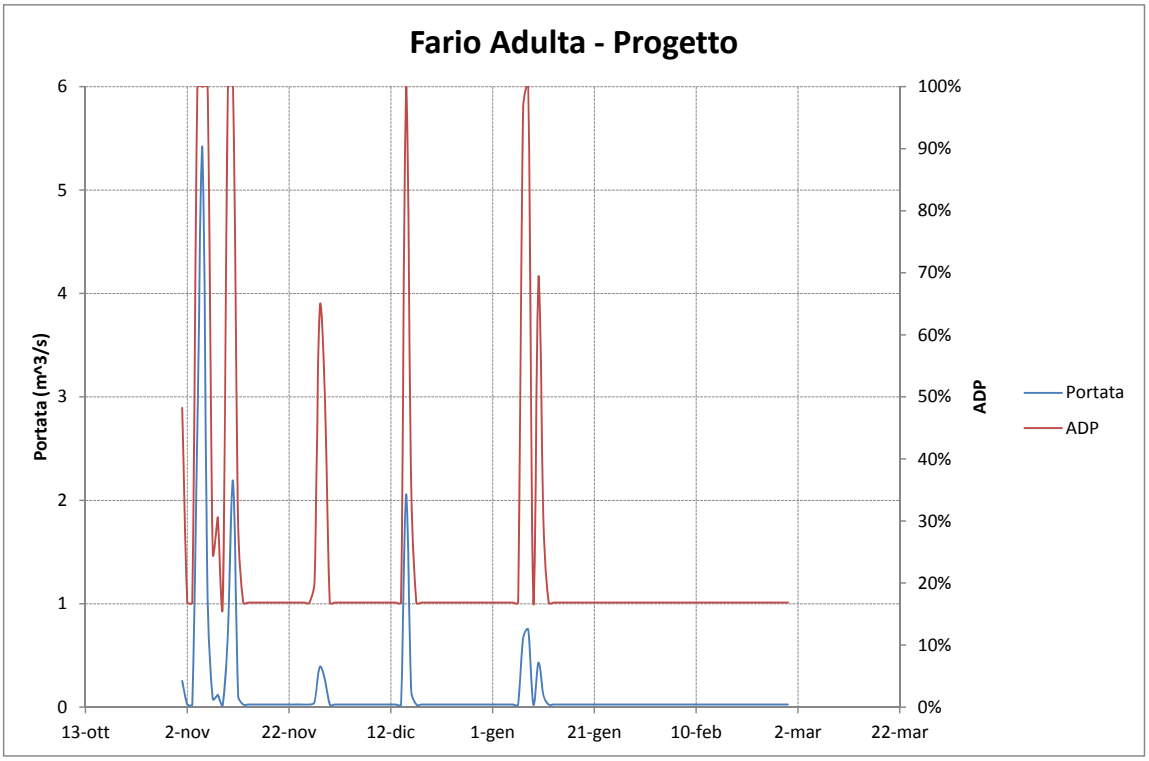

Vairone Adulta - Attuale
Durate continue
Frequenza cumulata
0
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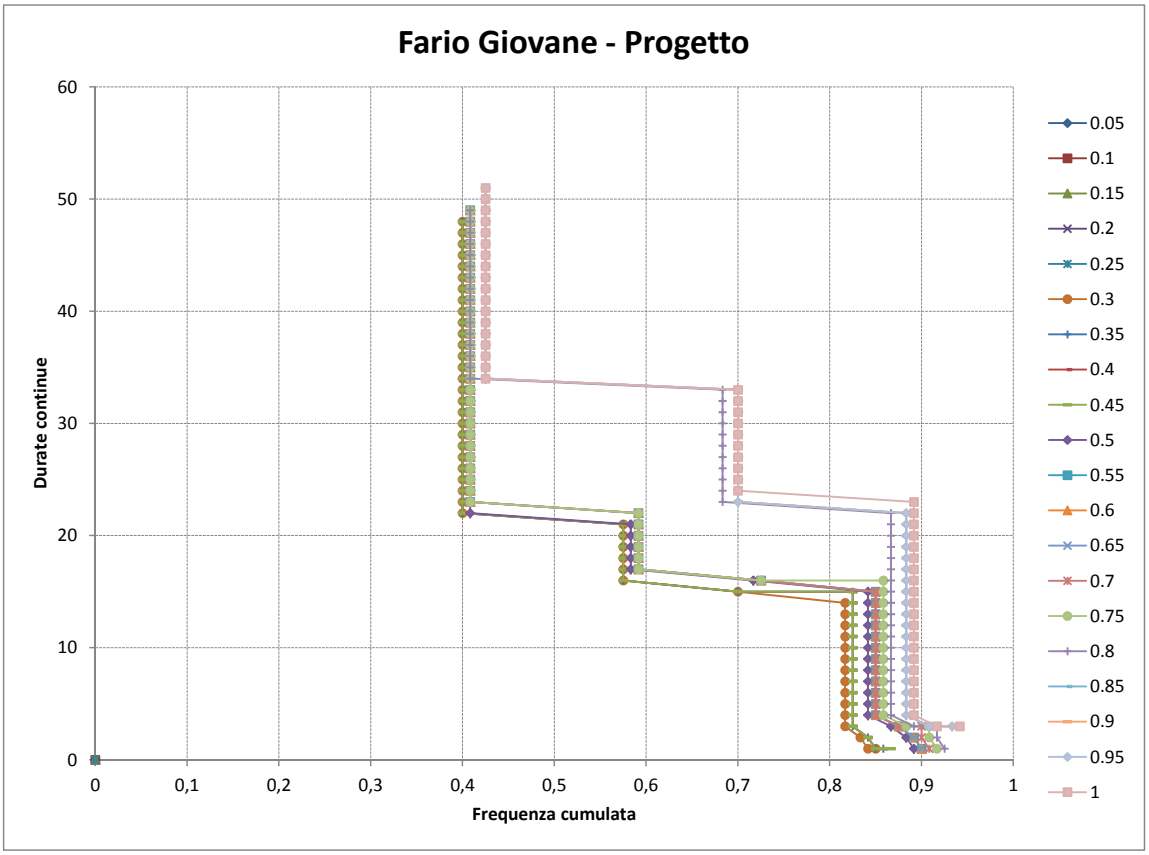

Vairone Adulta - Attuale
Portata (m^3/s)
ADP
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30%
40%
50%
60%
70%
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13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

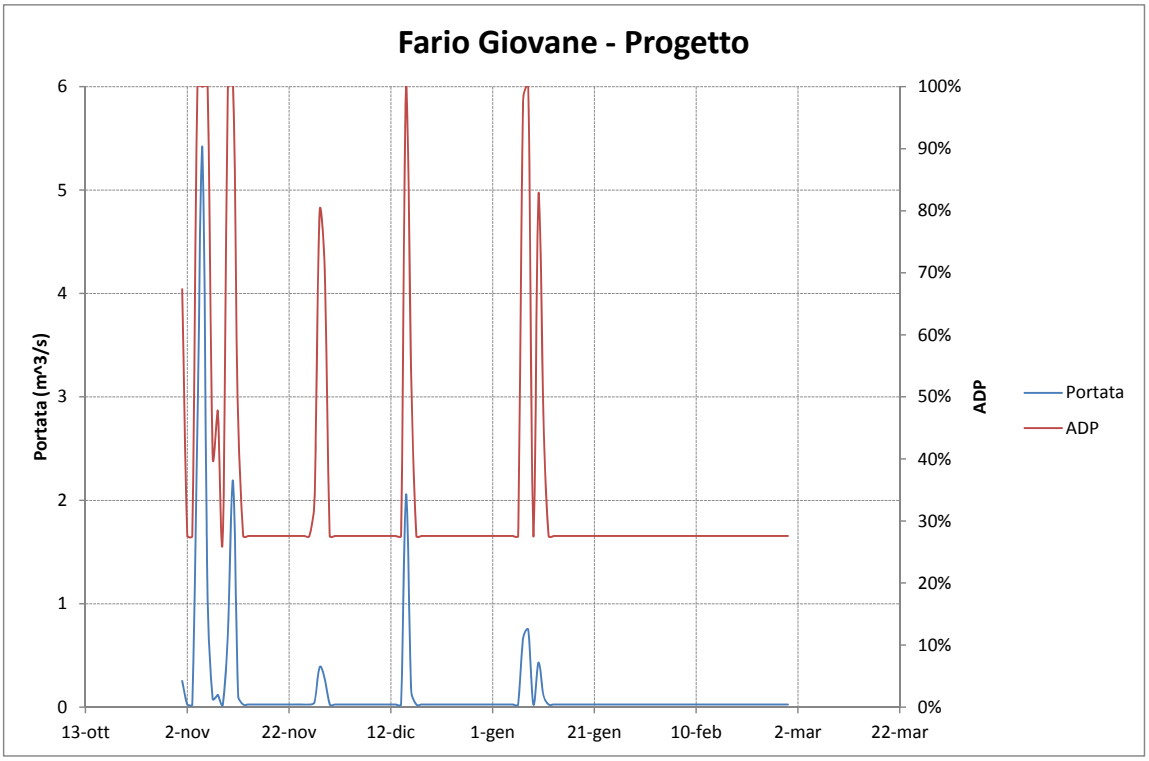

Vairone Giovane - Attuale
Durate continue
Frequenza cumulata
0
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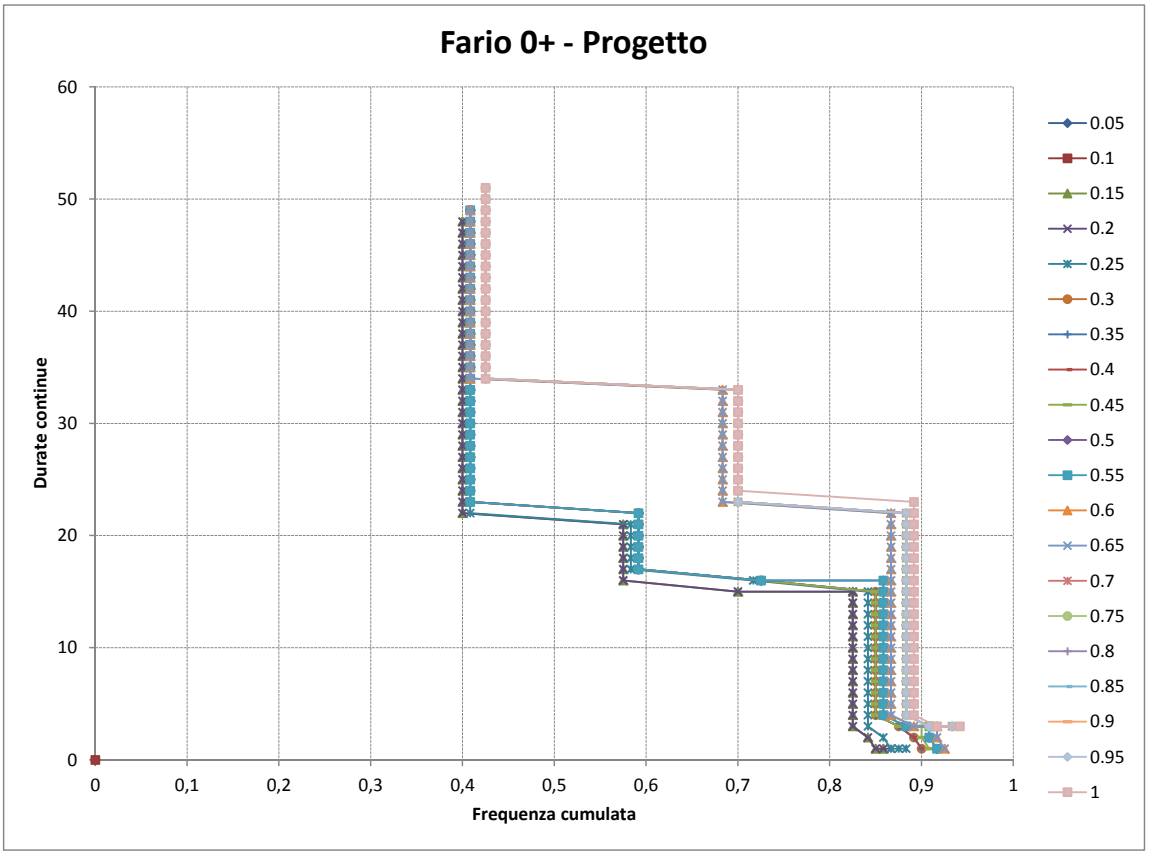

Vairone Giovane - Attuale
Portata (m^3/s)
ADP
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13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

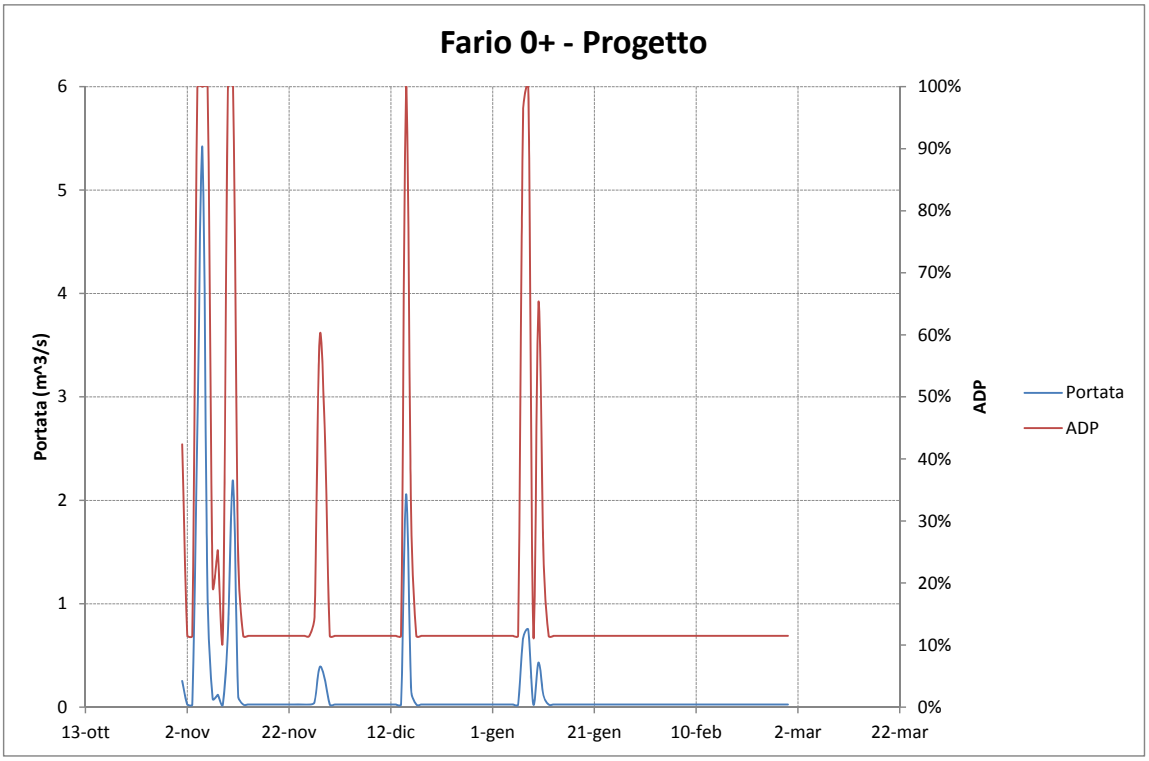

Fario Adulta - Progetto
Durate continue
Frequenza cumulata
0
10
20
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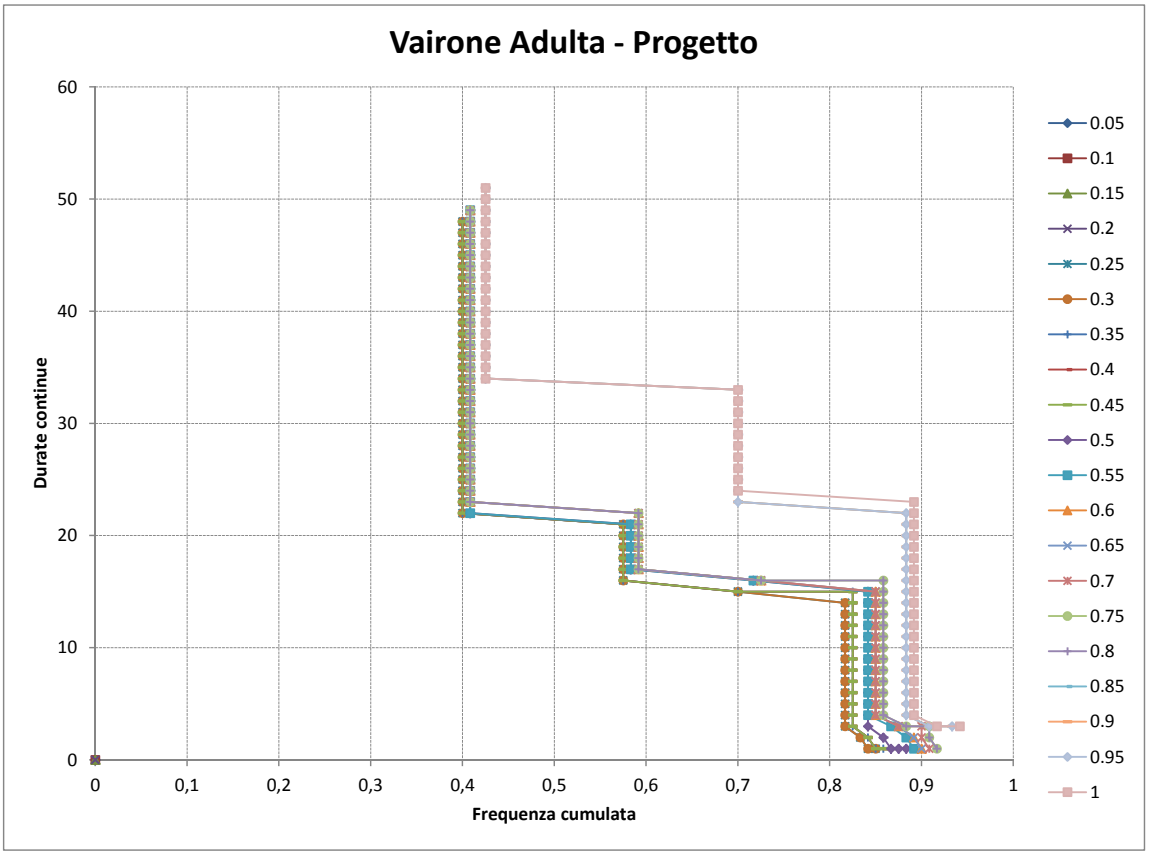

Fario Adulta - Progetto
Portata (m^3/s)
ADP
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40%
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60%
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80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

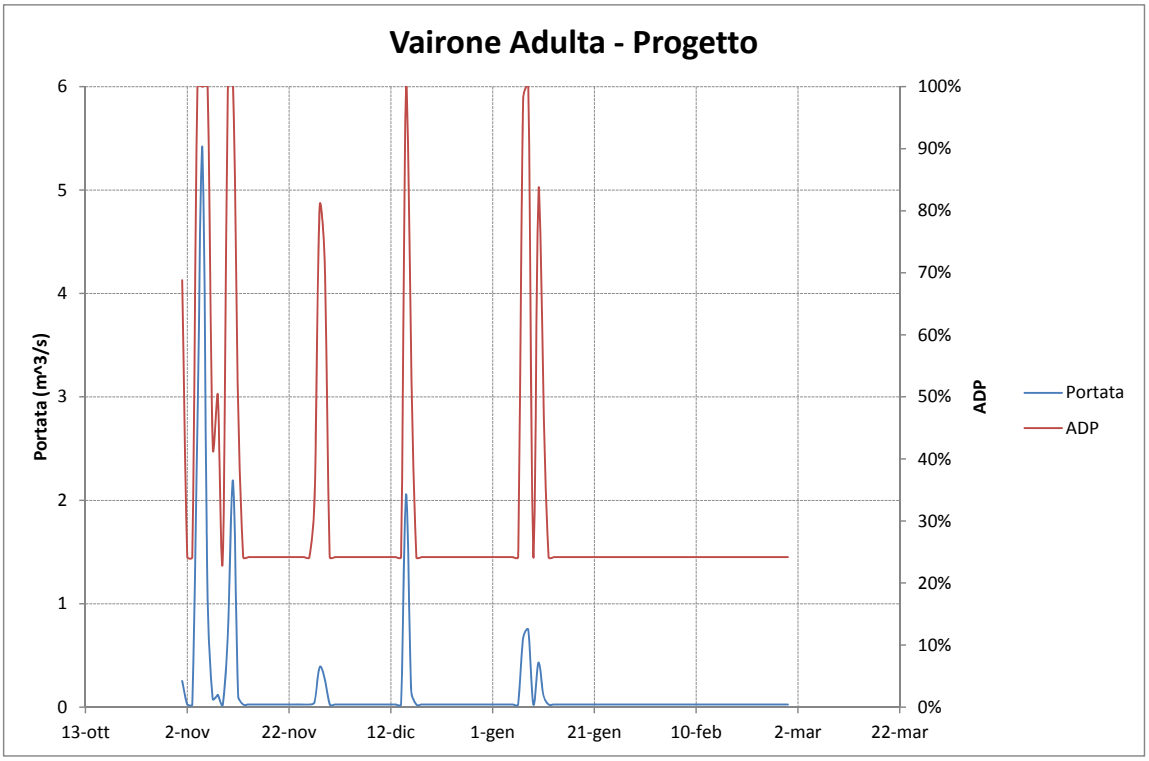

Fario Giovane - Progetto
Durate continue
Frequenza cumulata
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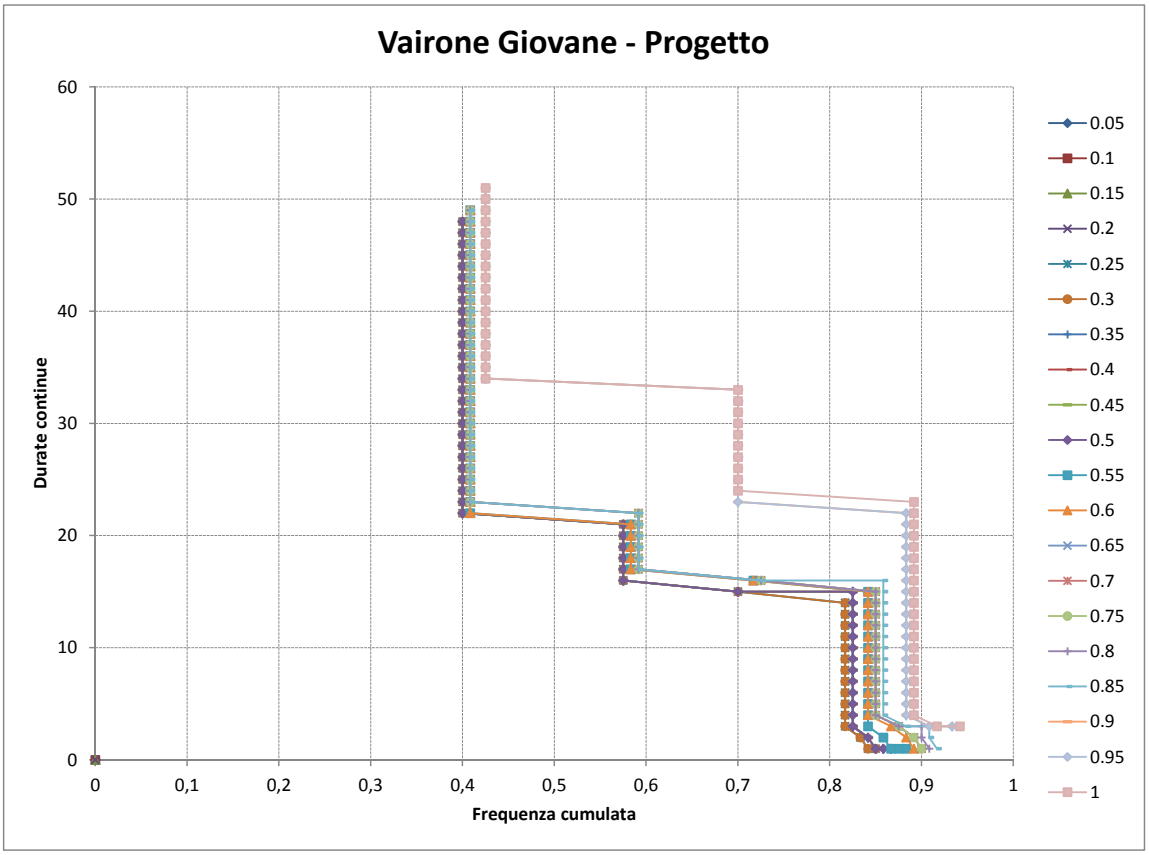

Fario Giovane - Progetto
Portata (m^3/s)
ADP
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12-dic
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21-gen
10-feb
2-mar
22-mar
Portata
ADP

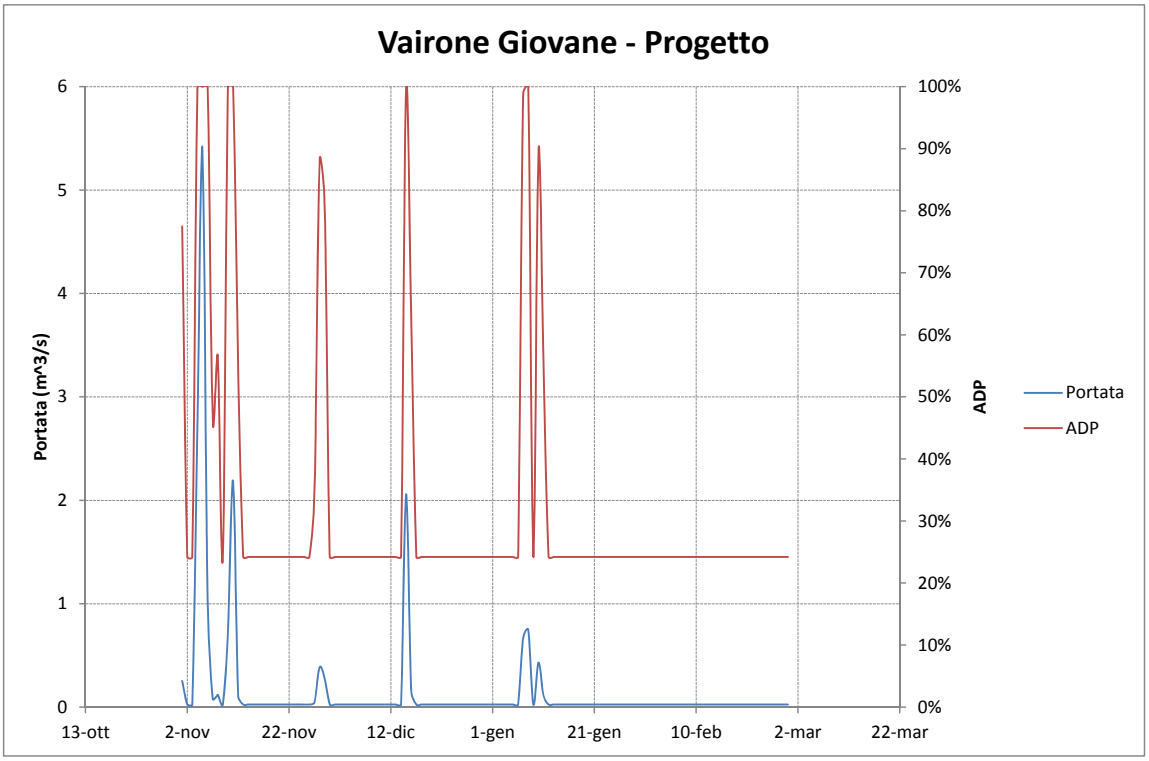

Fario 0+ - Progetto
Durate continue
Frequenza cumulata
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Fario 0+ - Progetto
Portata (m^3/s)
ADP
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50%
60%
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80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP


Vairone Adulta - Progetto
Durate continue
Frequenza cumulata
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0.95
1

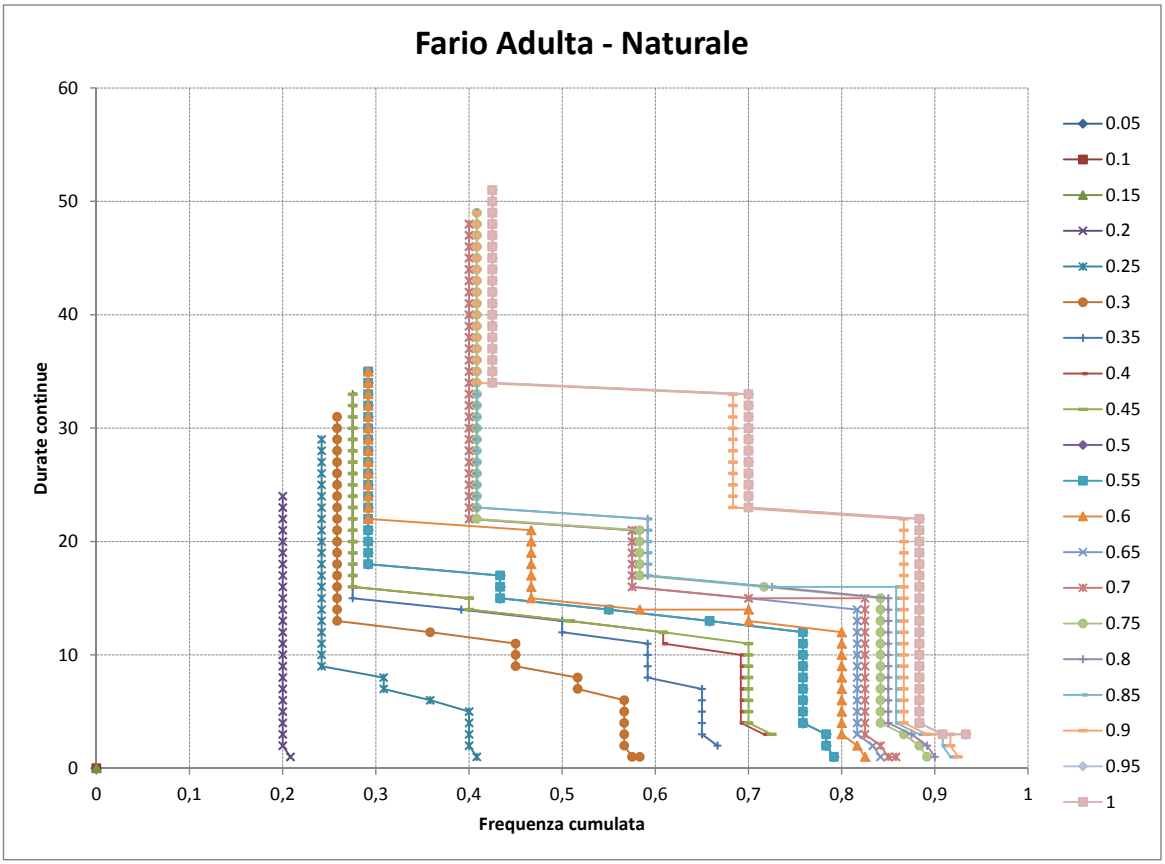

Vairone Adulta - Progetto
Portata (m^3/s)
ADP
0
1
2
3
4
5
6
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

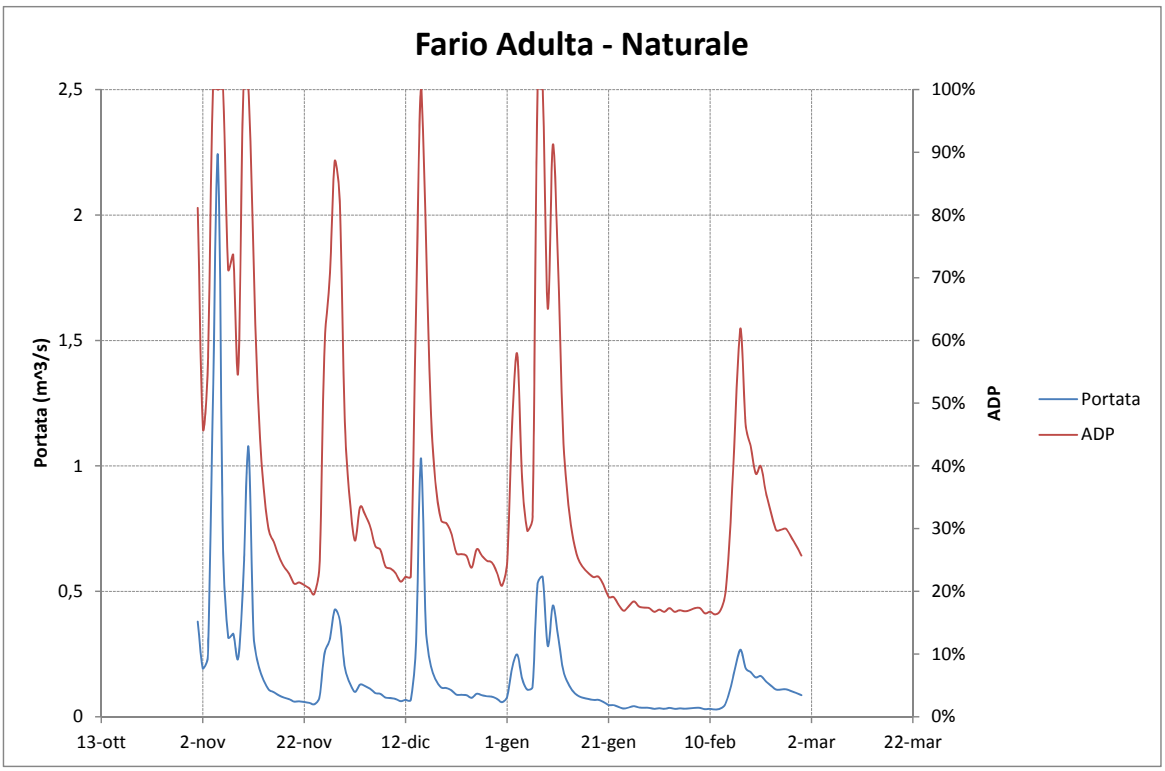

Vairone Giovane - Progetto
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

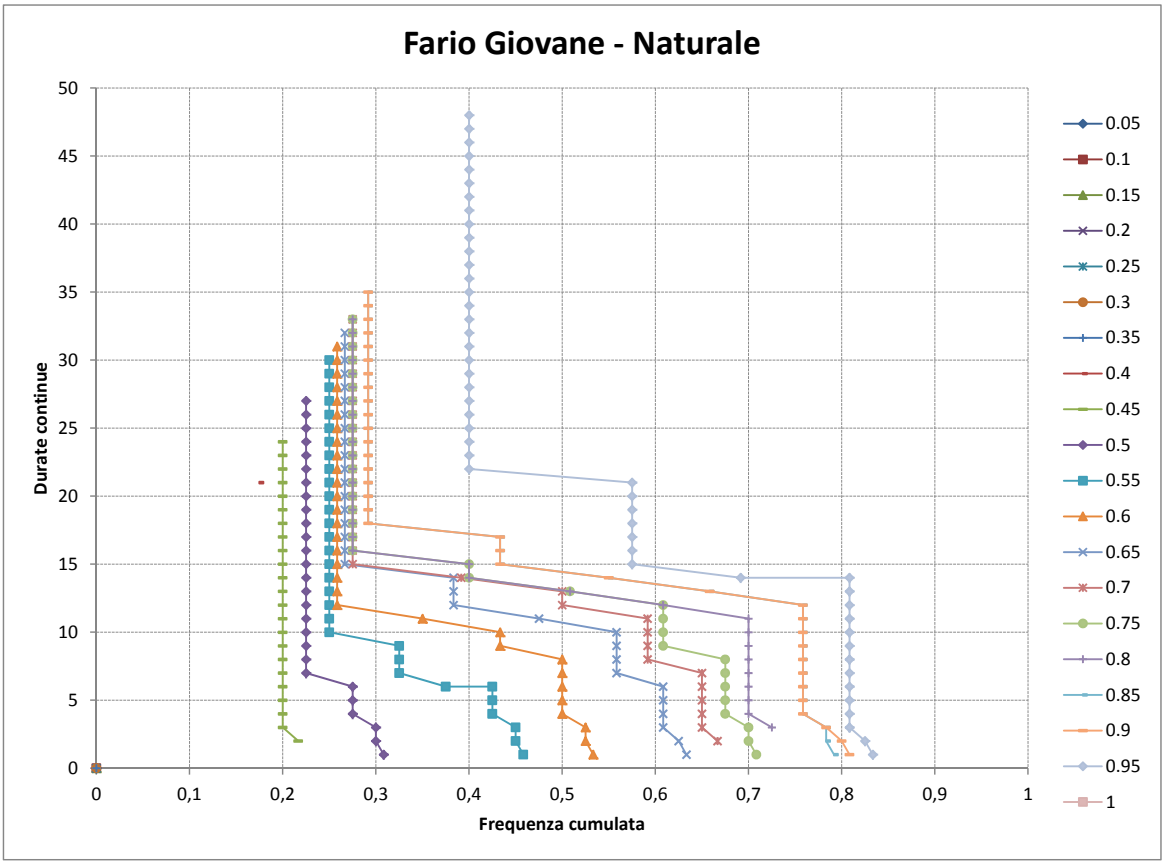

Vairone Giovane - Progetto
Portata (m^3/s)
ADP
0
1
2
3
4
5
6
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

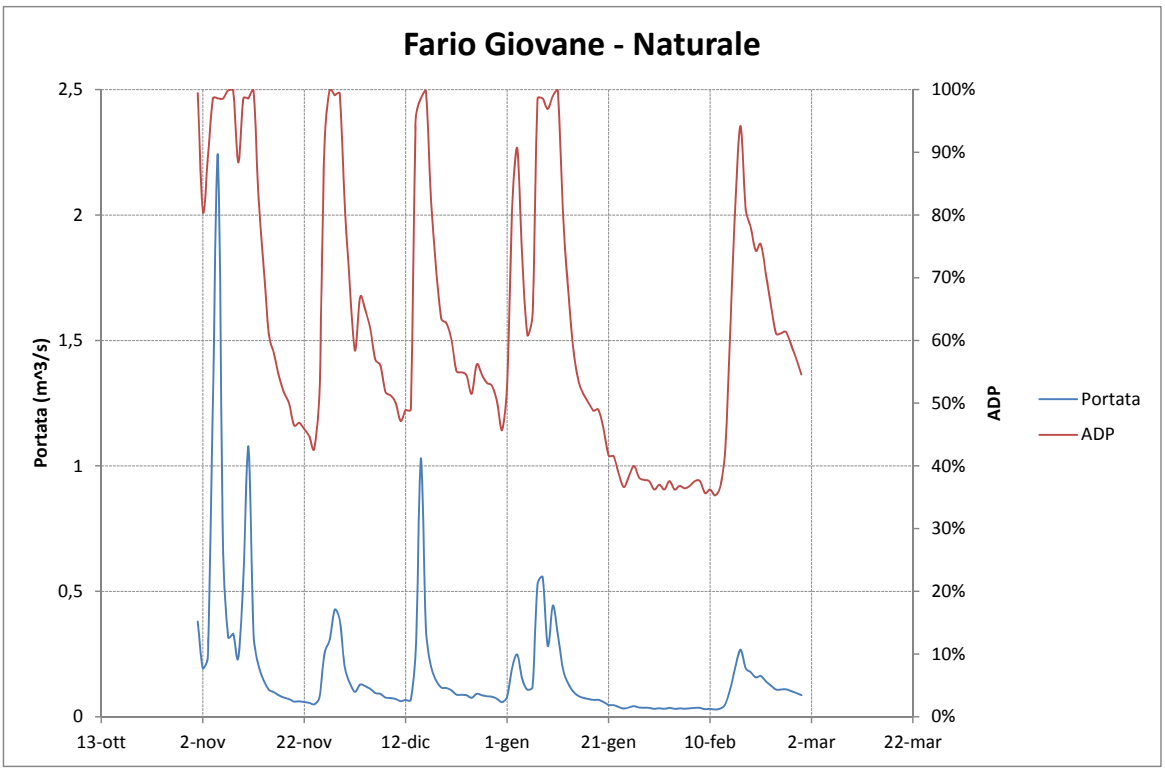
ALLEGATO 3 – UCUT curves

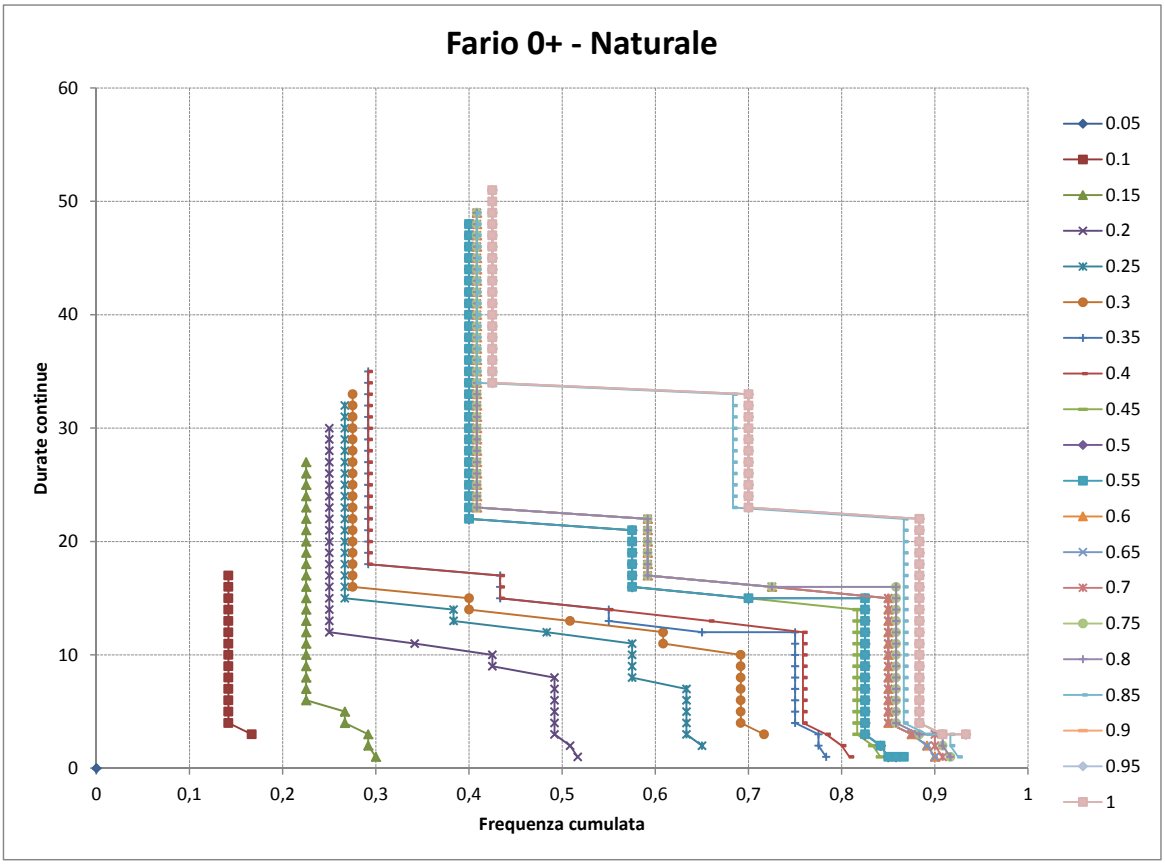
3.5 Crosa Scura 11

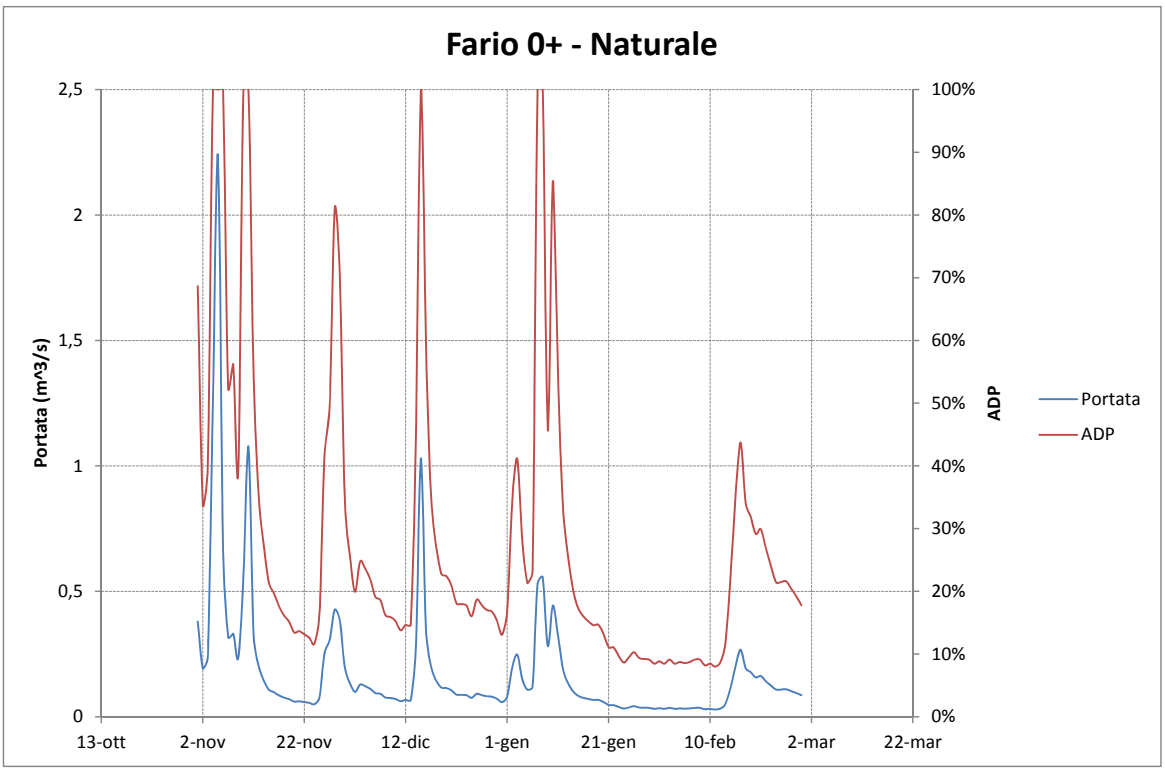

Fario Adulta - Naturale
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

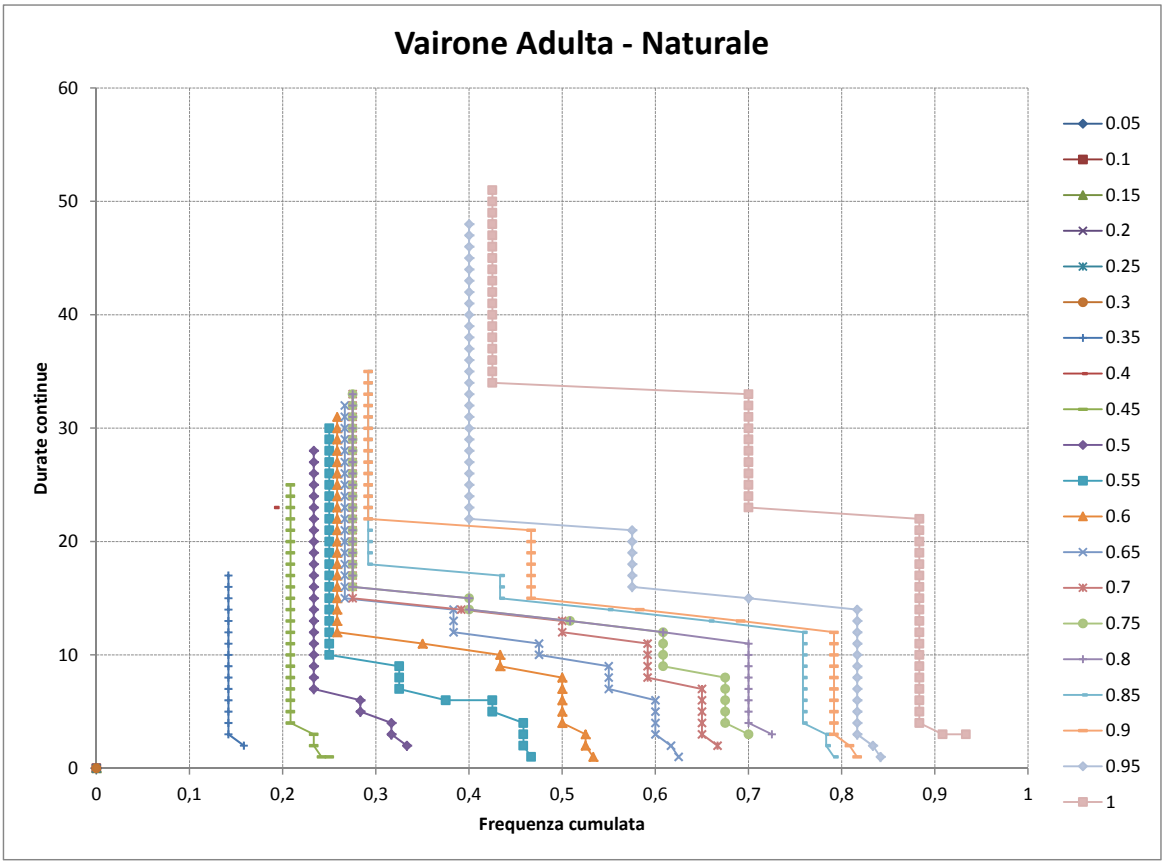

Fario Adulta - Naturale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

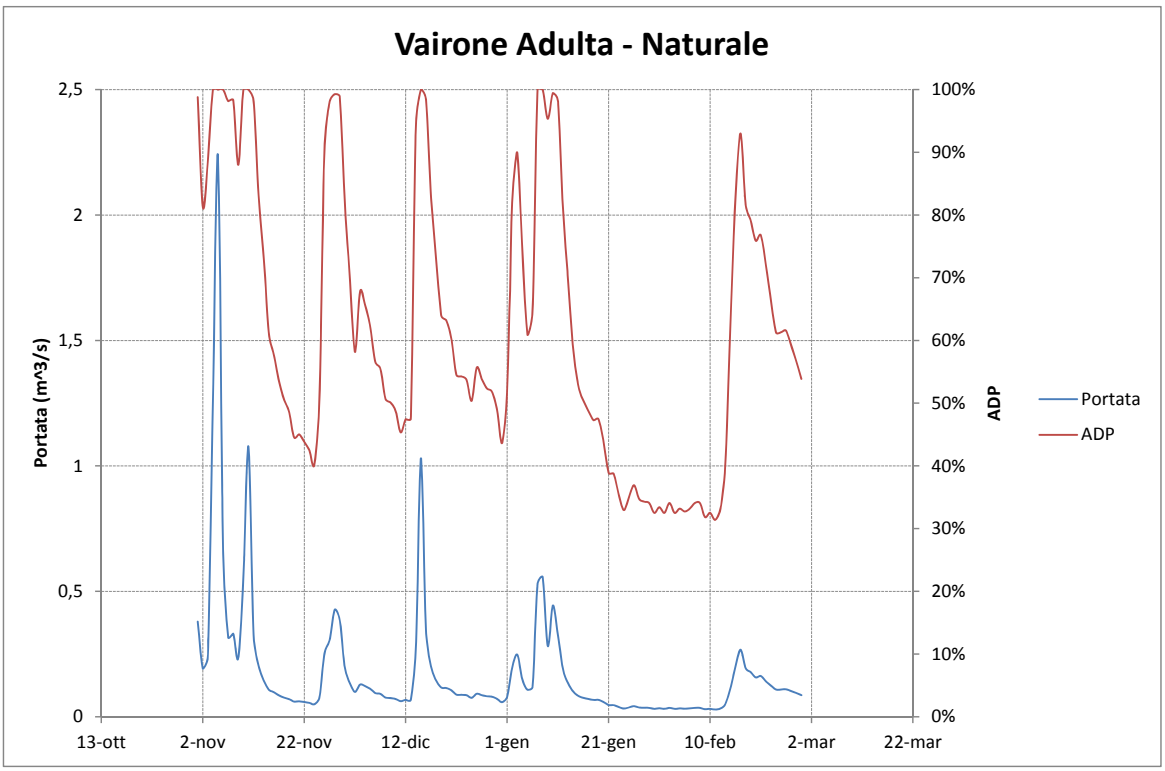

Fario Giovane - Naturale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
45
50
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

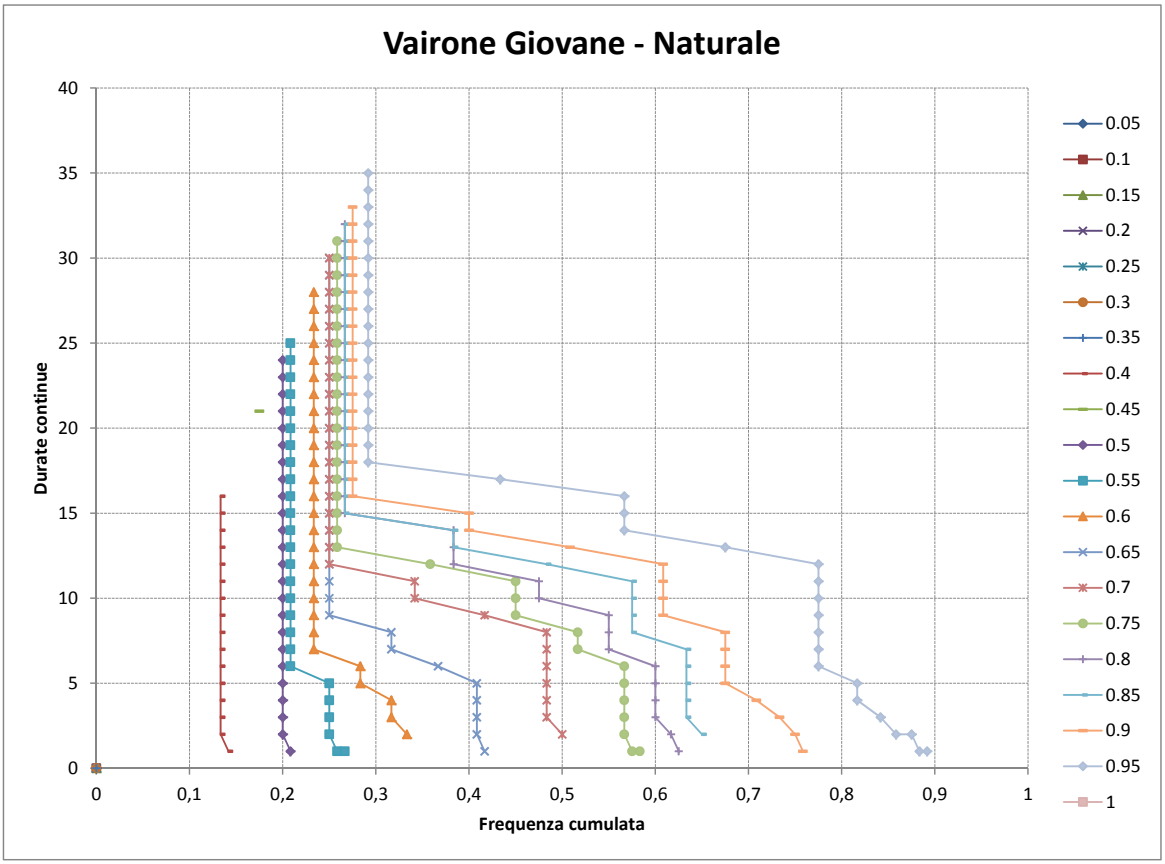

Fario Giovane - Naturale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

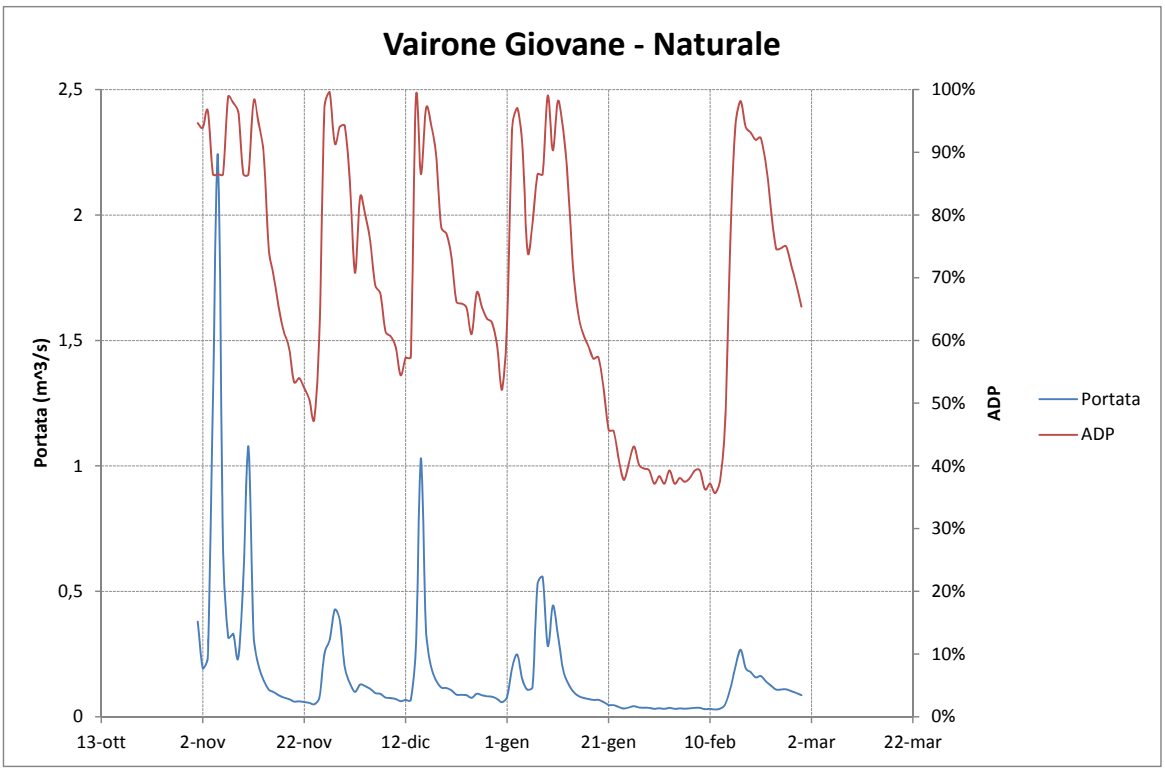

Fario 0+ - Naturale
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

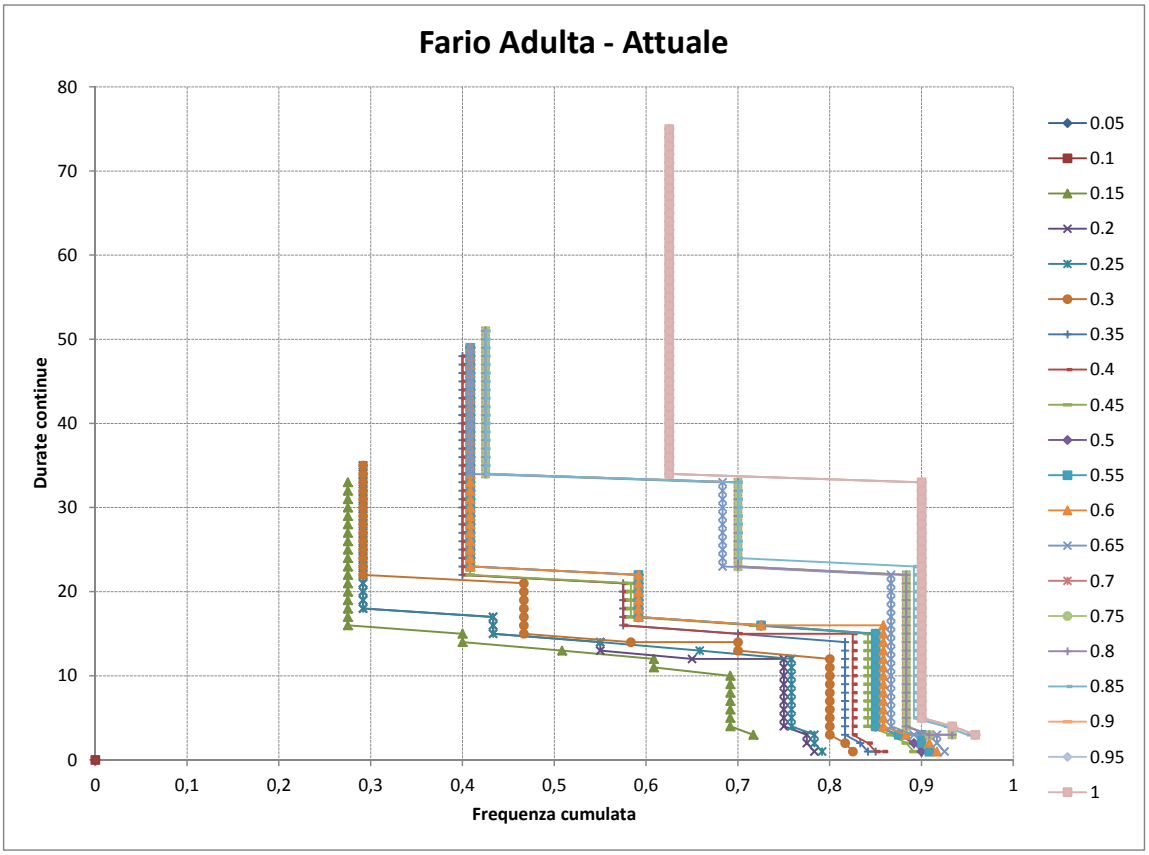

Fario 0+ - Naturale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

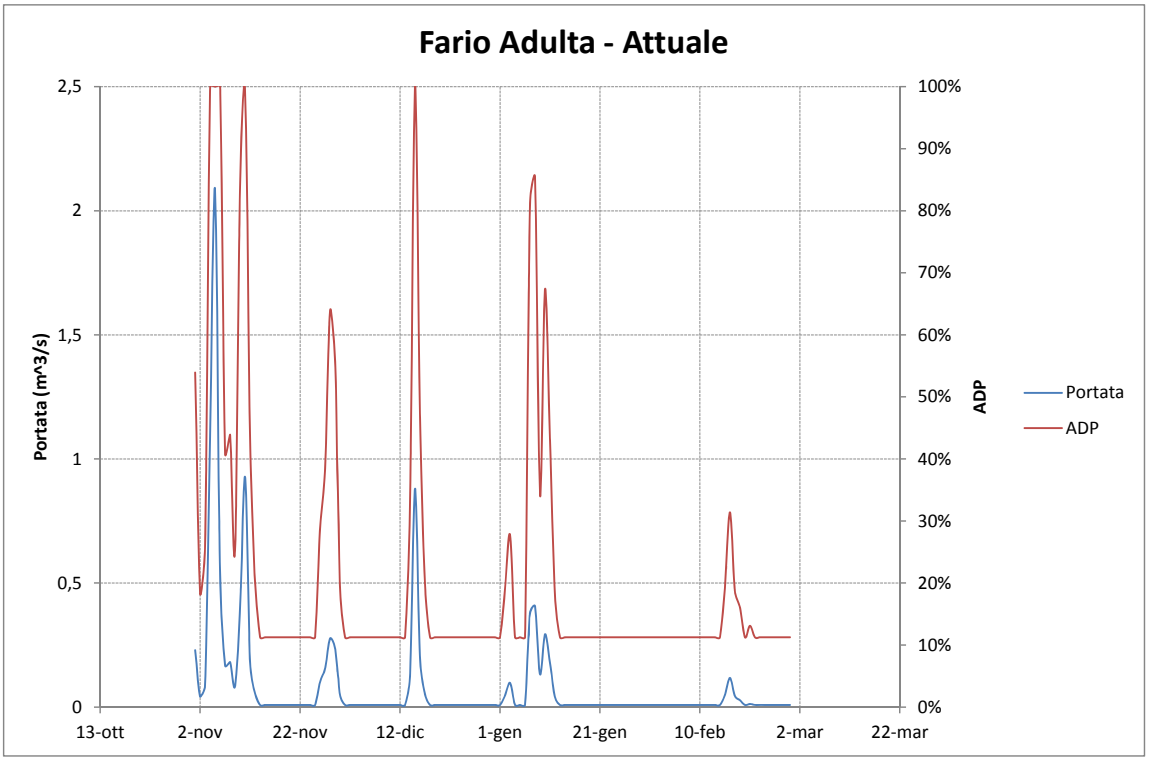

Vairone Adulta - Naturale
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

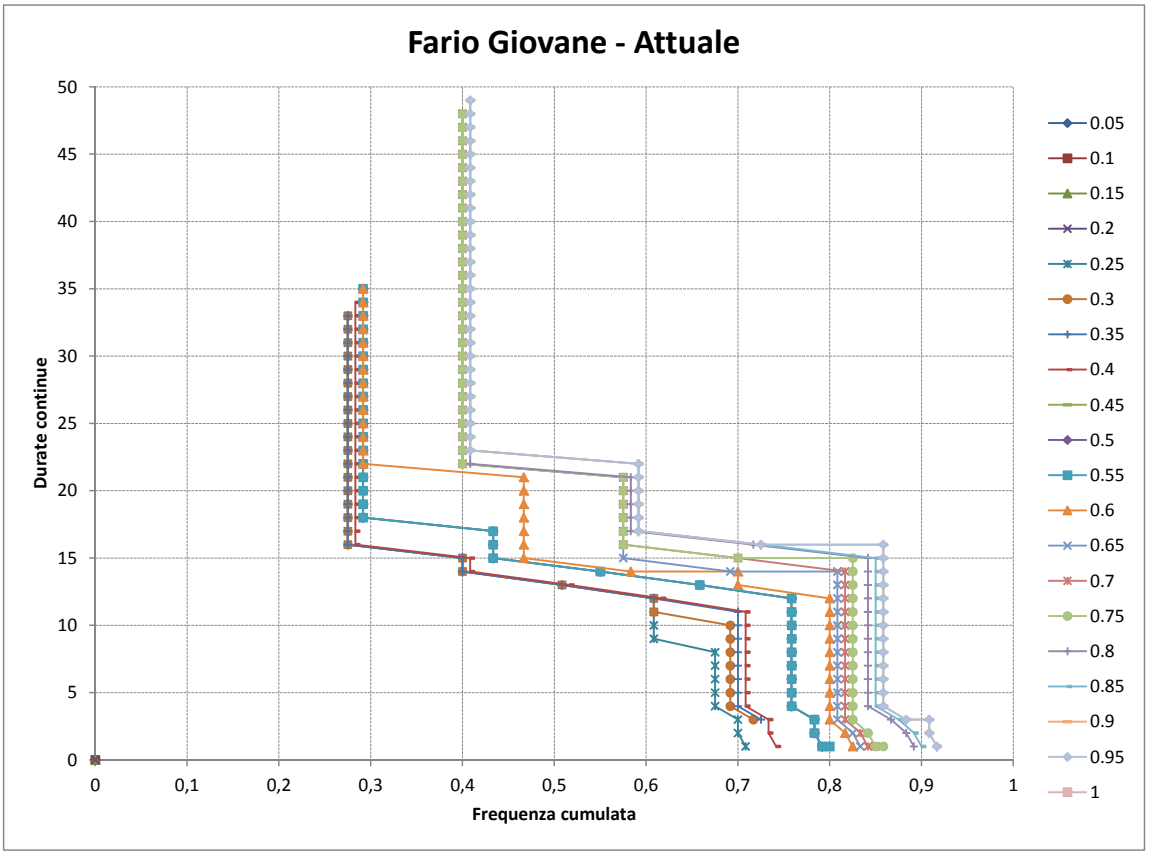

Vairone Adulta - Naturale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

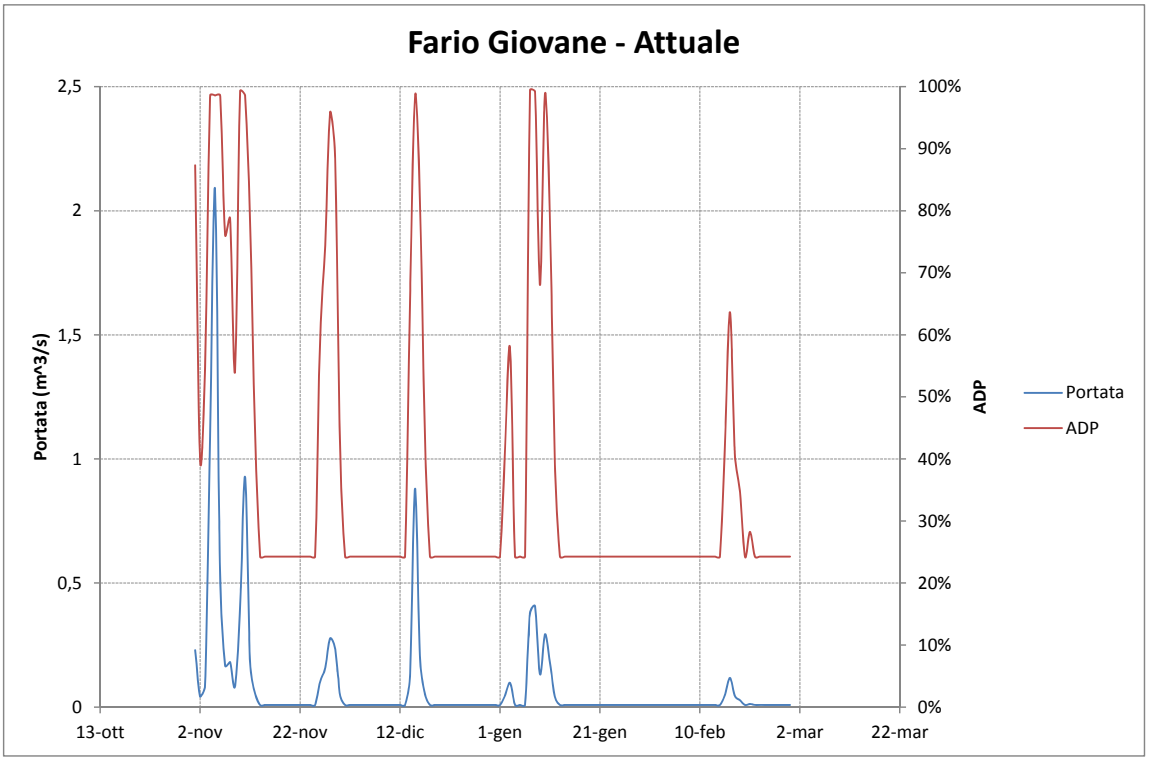

Vairone Giovane - Naturale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

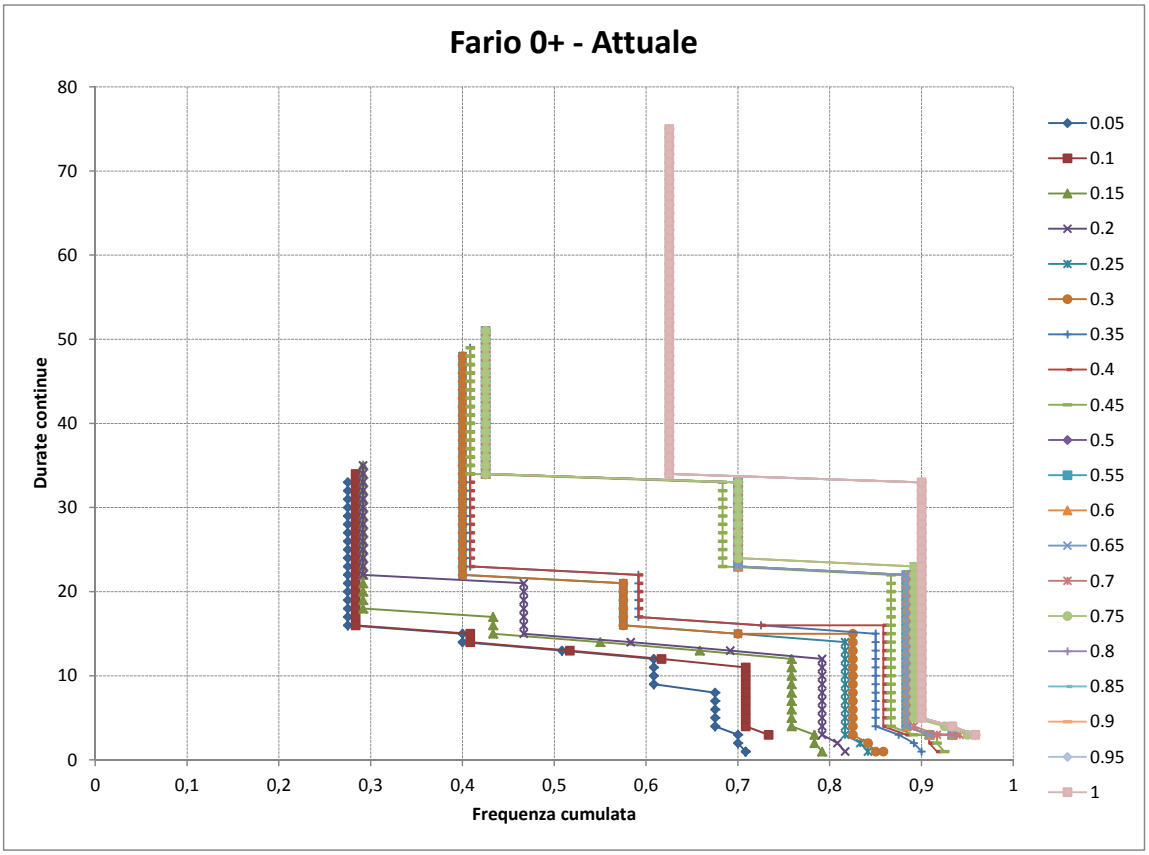

Vairone Giovane - Naturale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

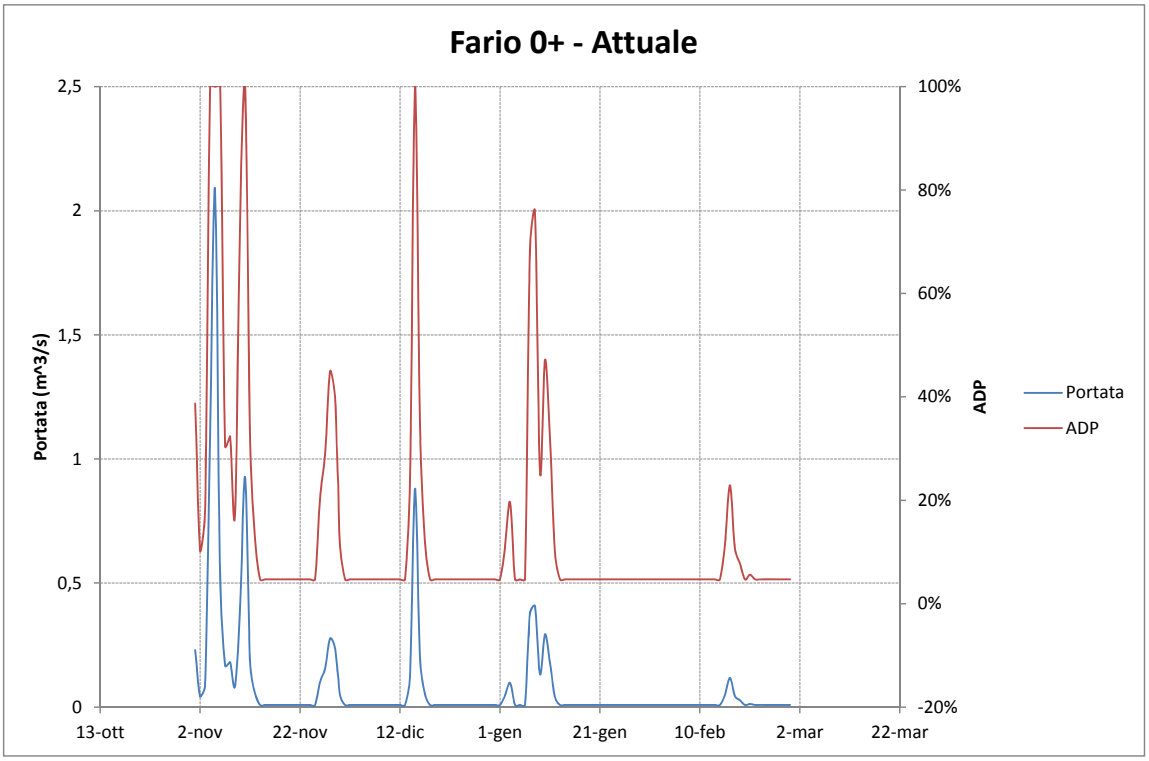

Fario Adulta - Attuale
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
70
80
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

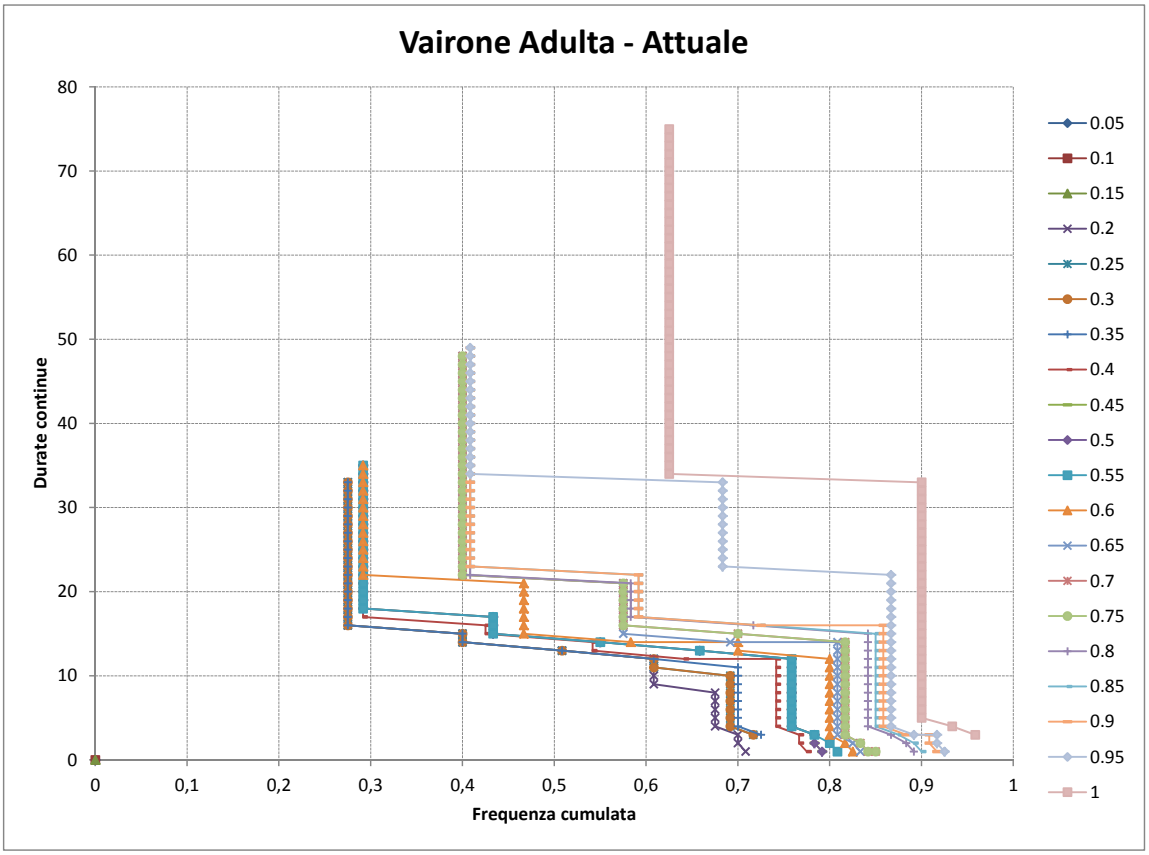

Fario Adulta - Attuale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

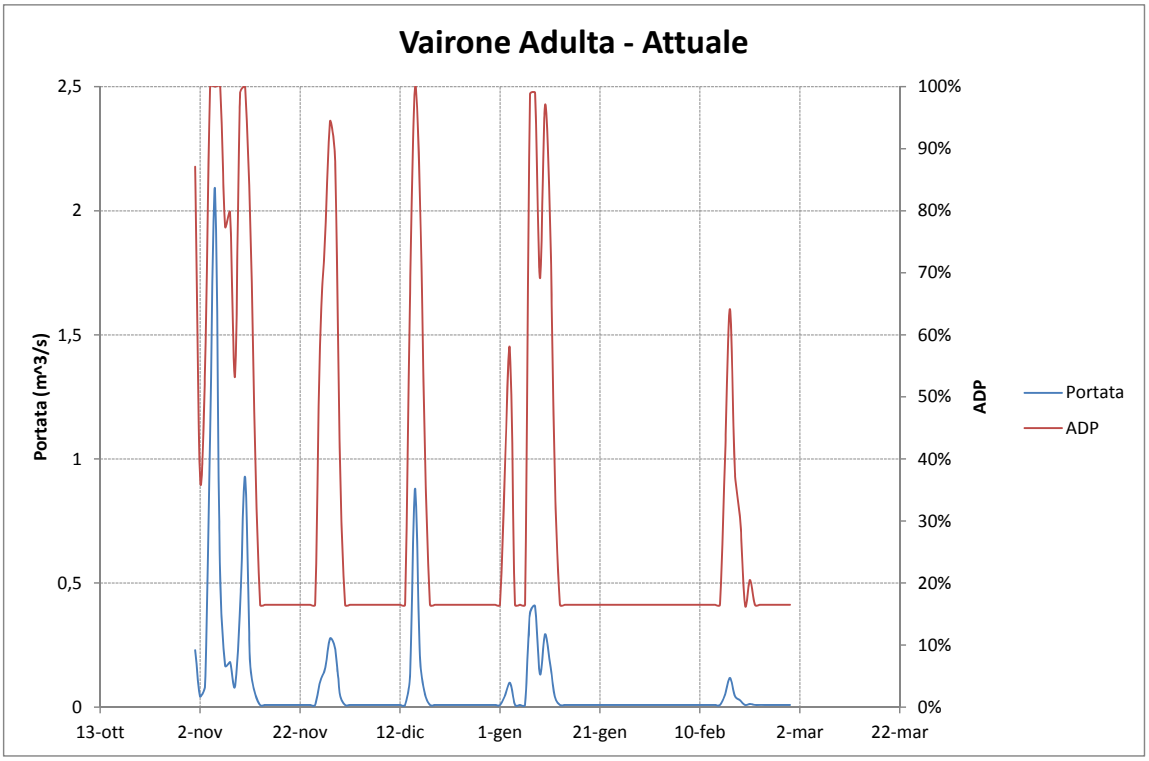

Fario Giovane - Attuale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
45
50
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

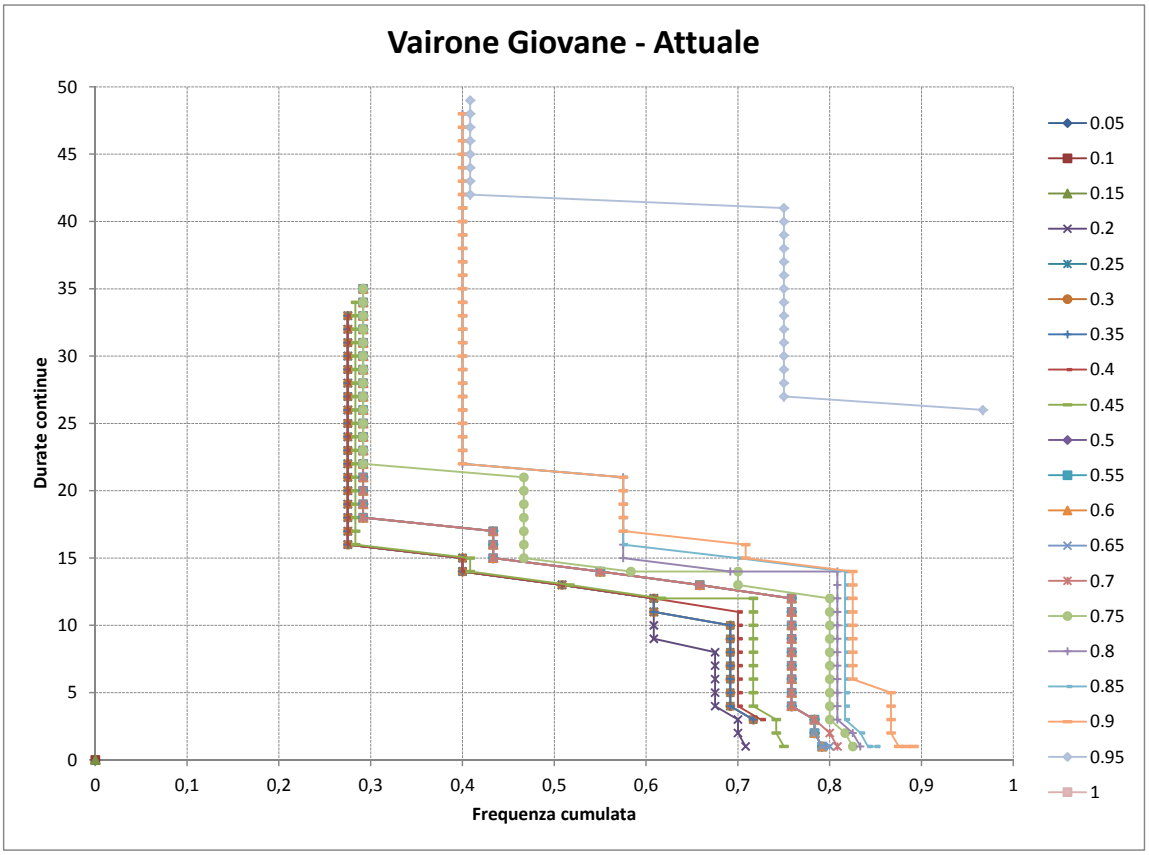

Fario Giovane - Attuale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

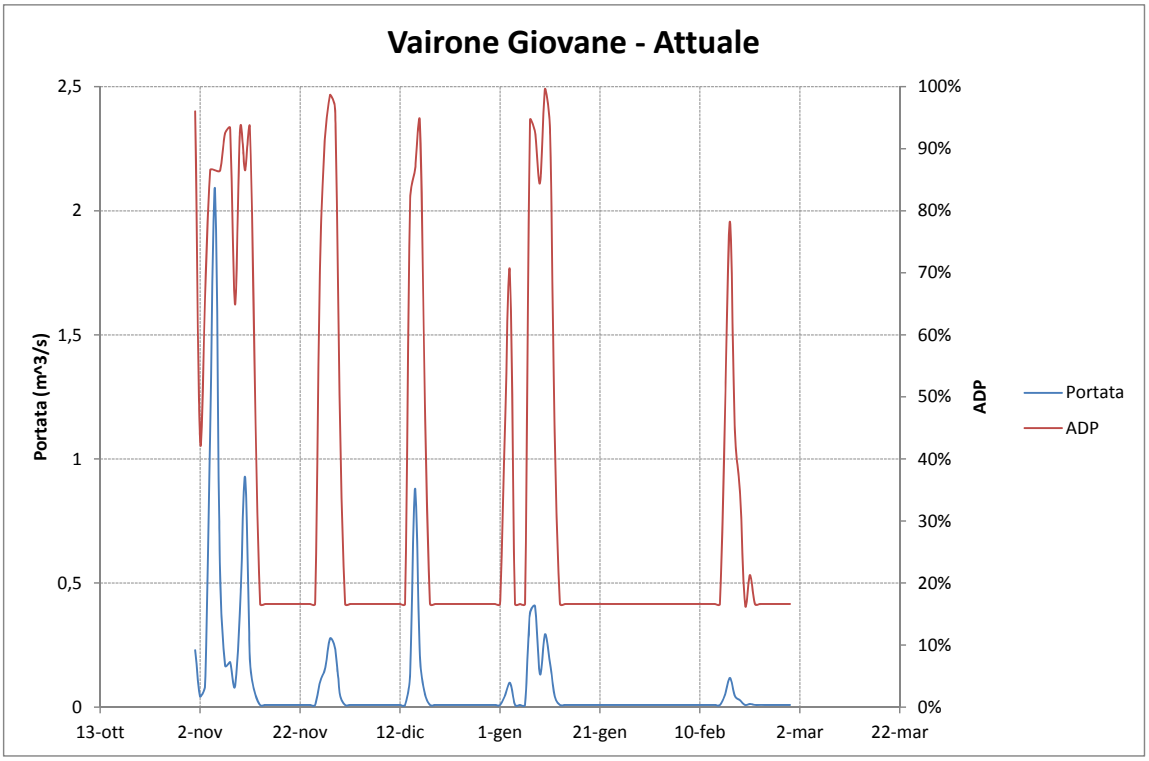

Fario 0+ - Attuale
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
70
80
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

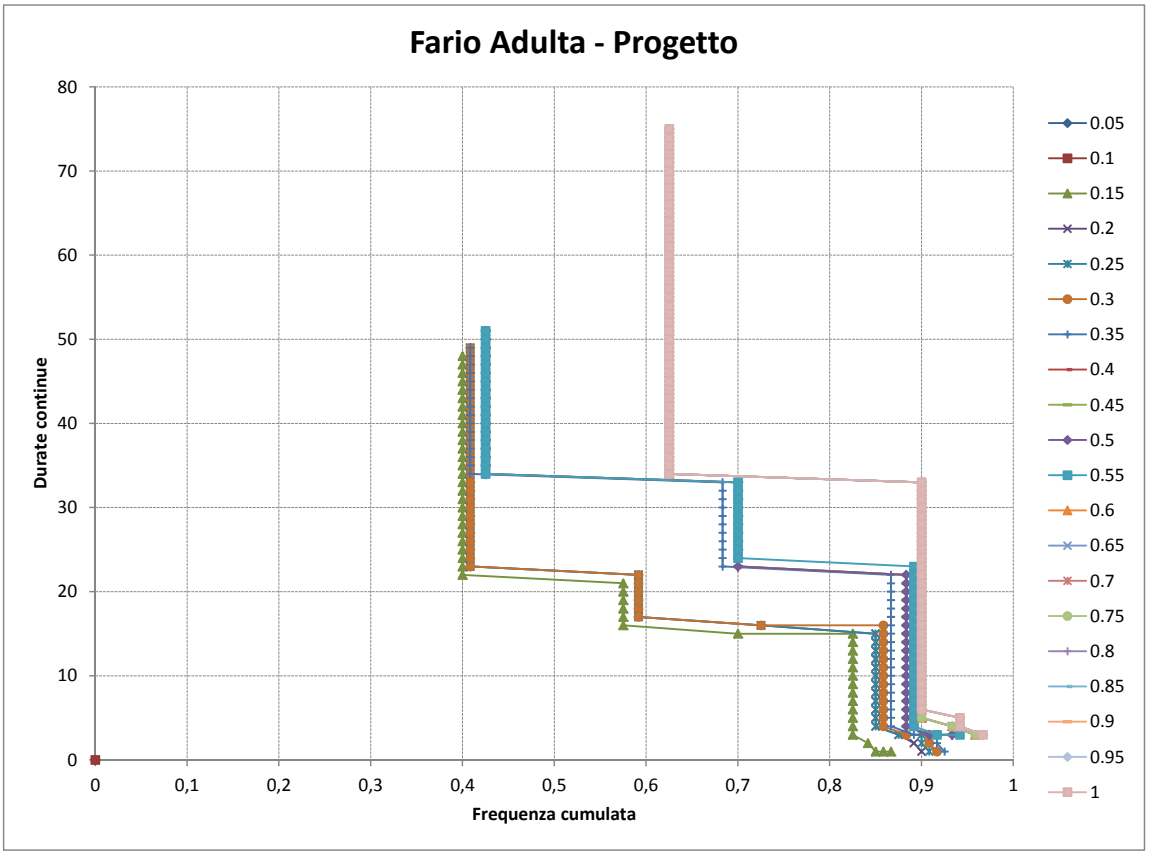

Fario 0+ - Attuale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
-20%
0%
20%
40%
60%
80%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

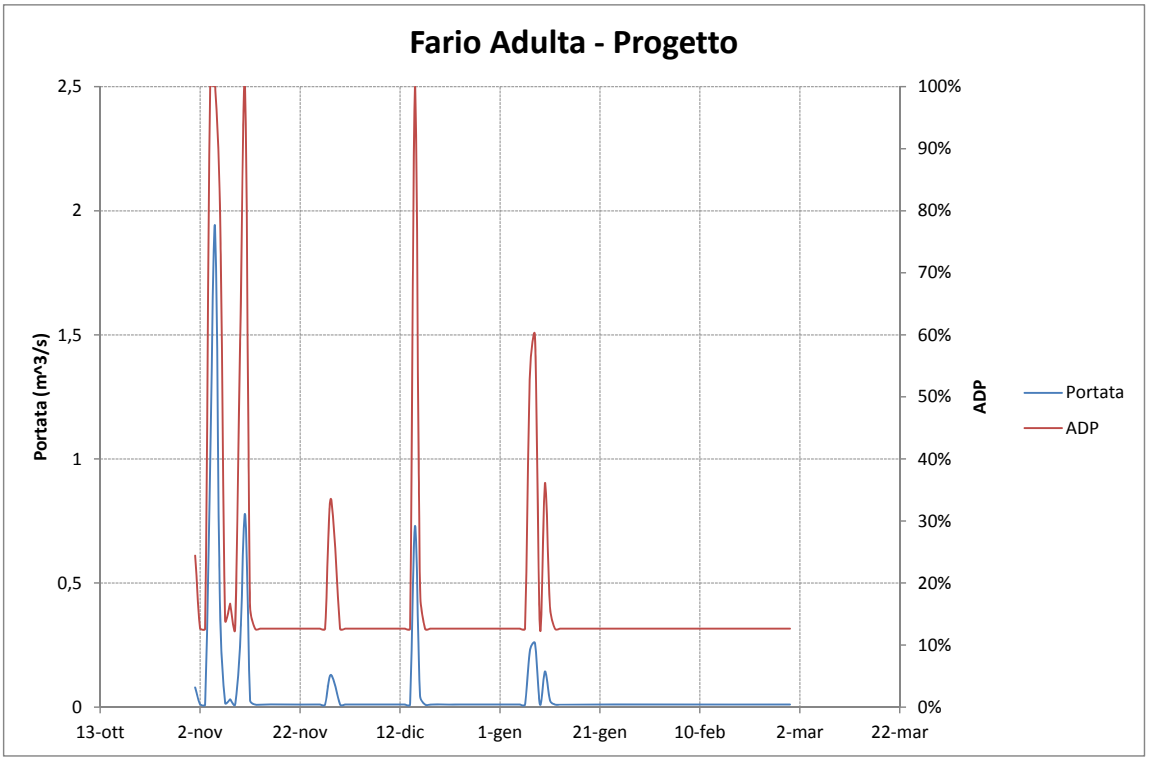

Vairone Adulta - Attuale
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
70
80
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

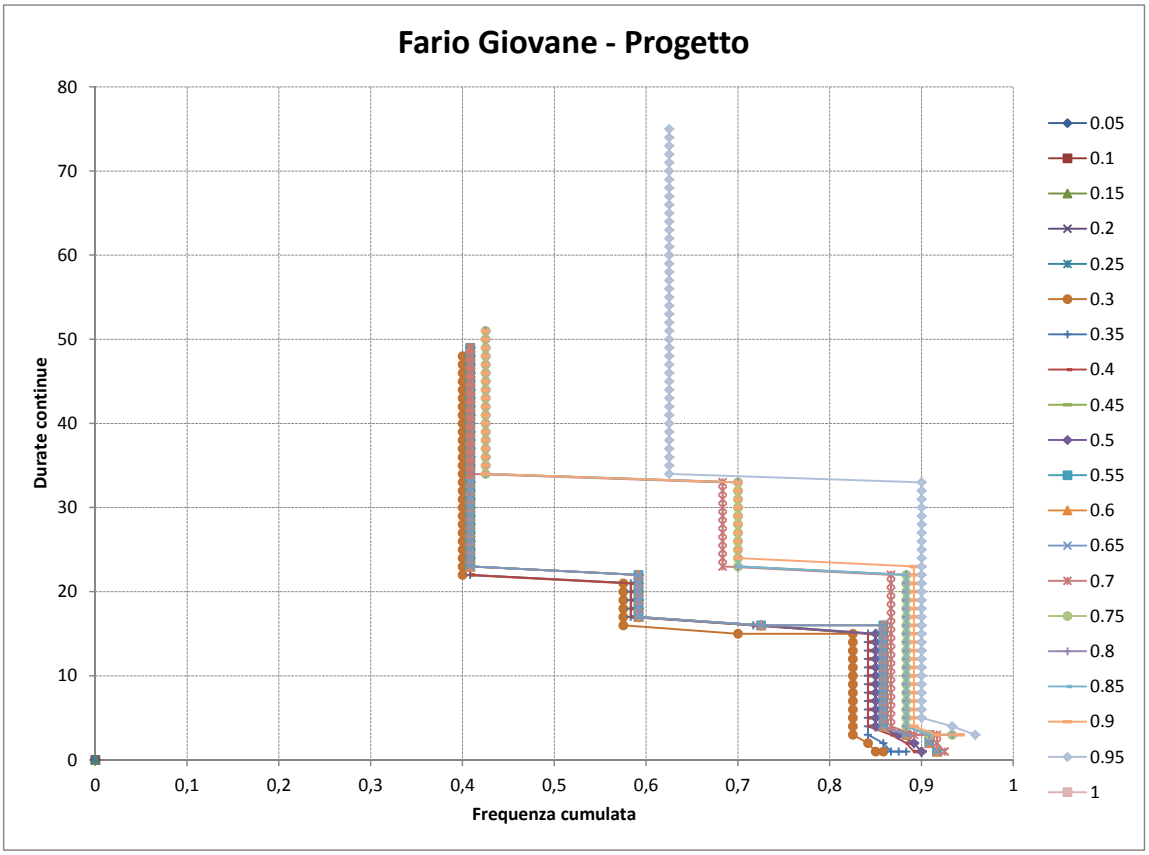

Vairone Adulta - Attuale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

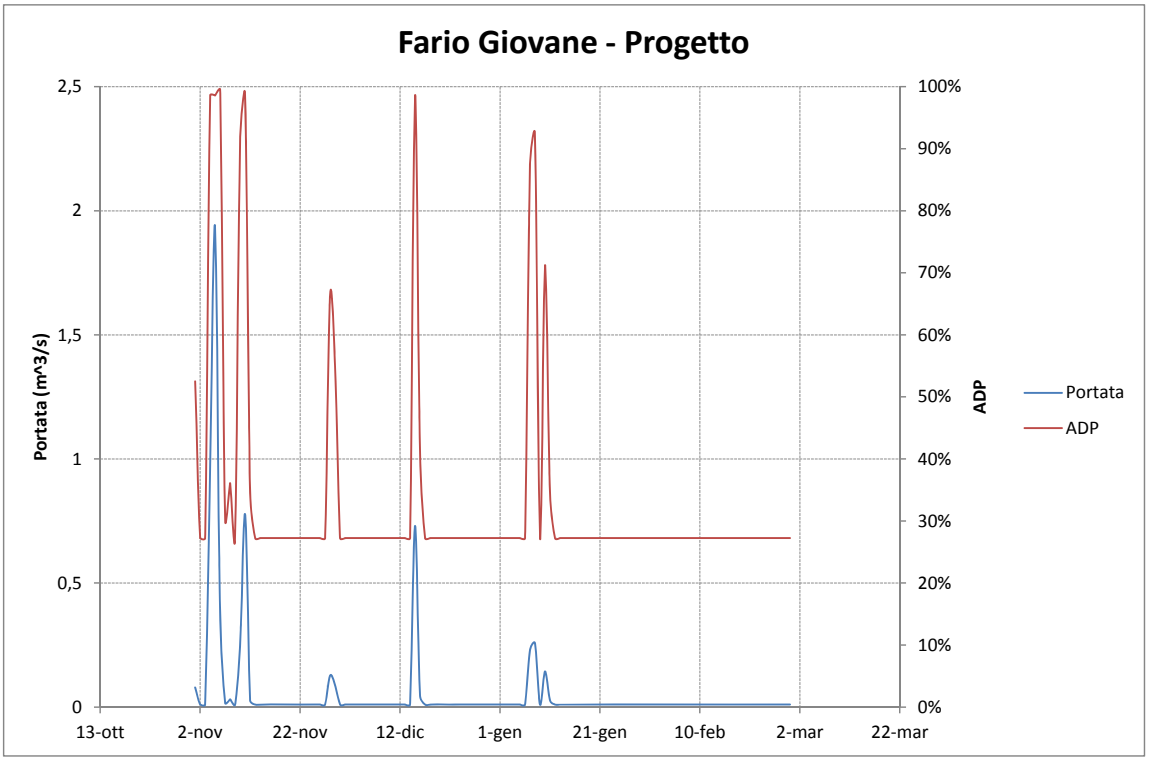

Vairone Giovane - Attuale
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
45
50
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

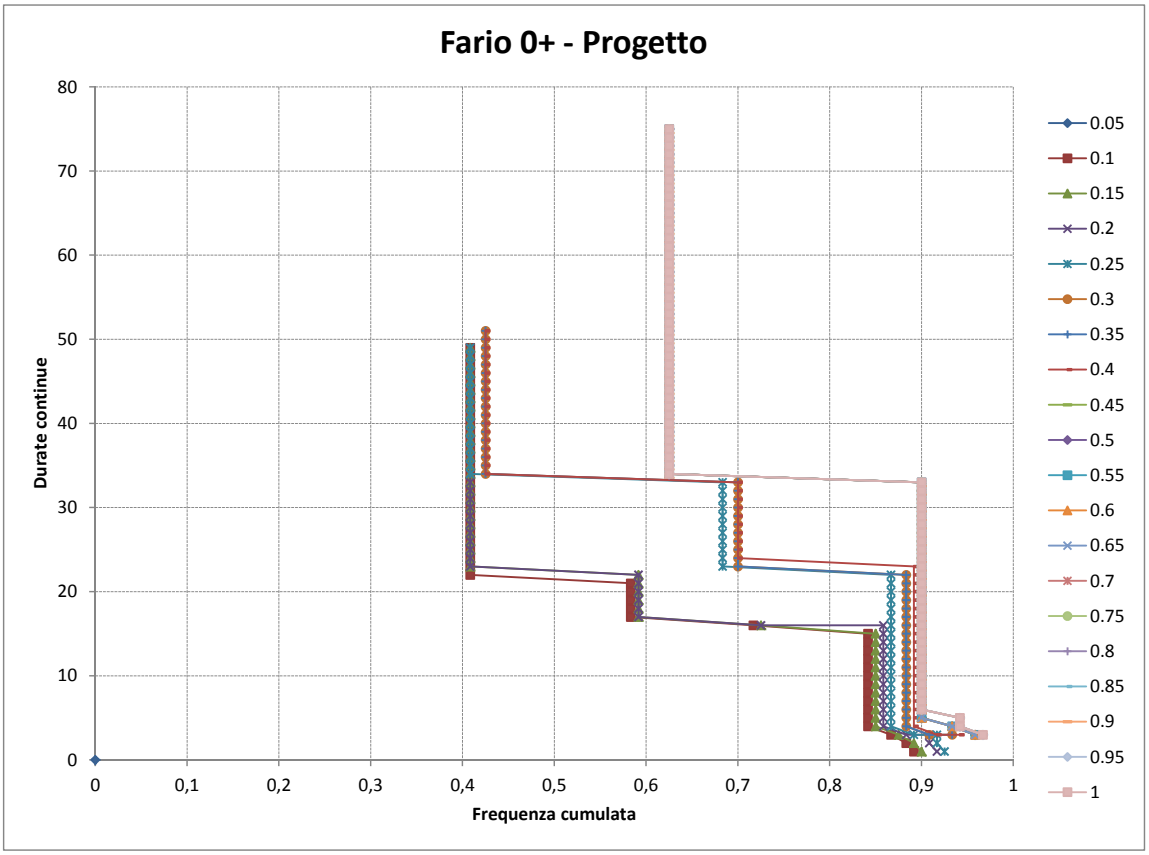

Vairone Giovane - Attuale
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

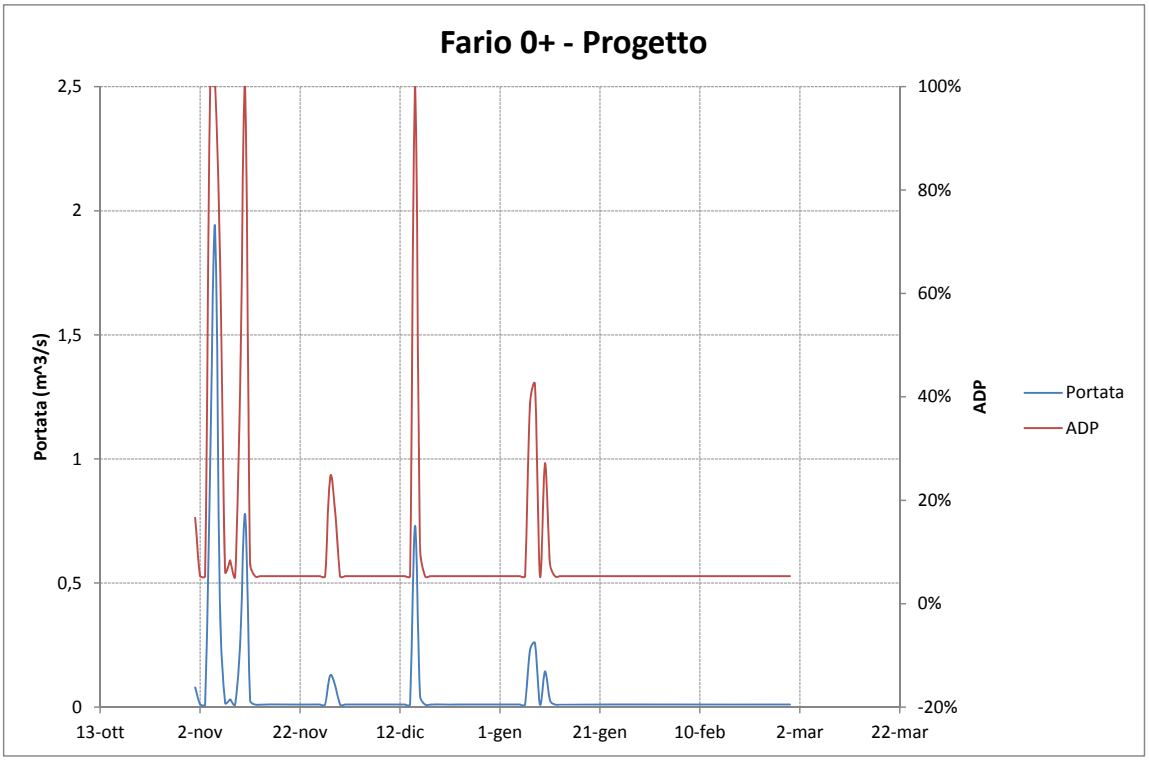

Fario Adulta - Progetto
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
70
80
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

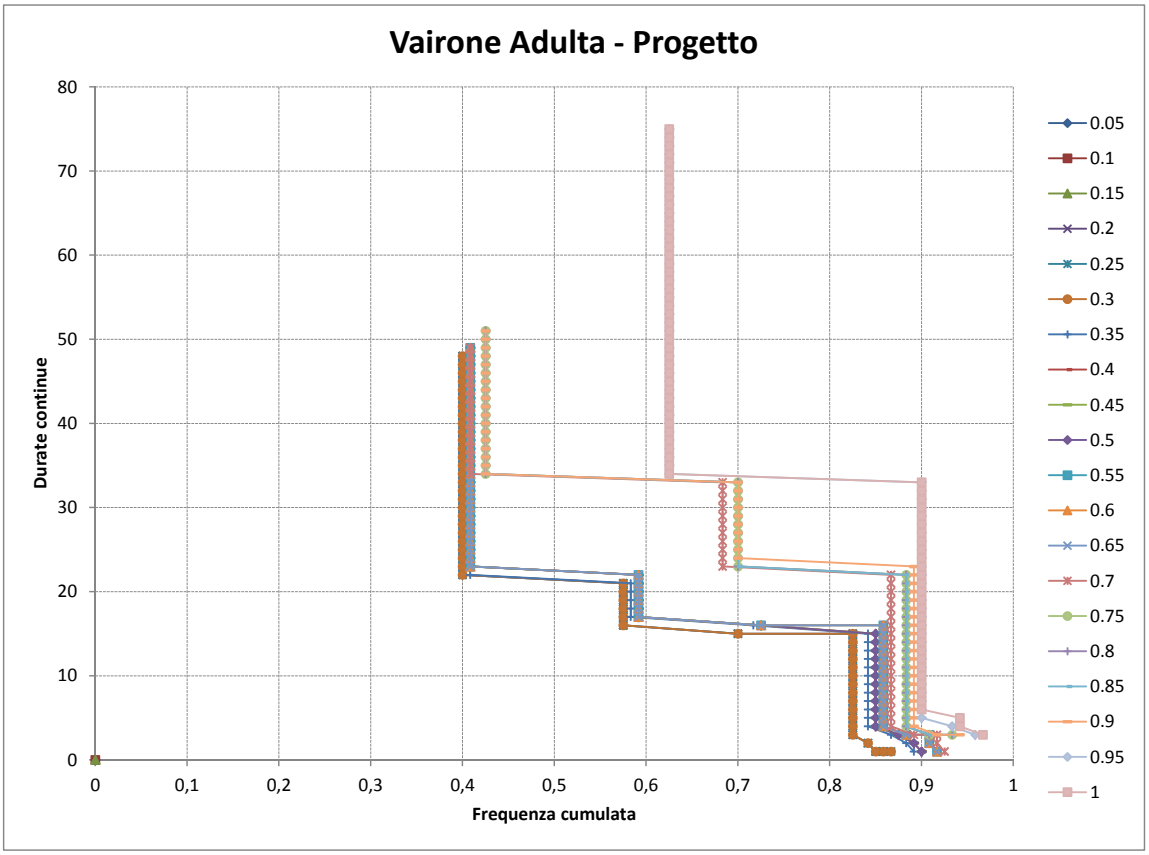

Fario Adulta - Progetto
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

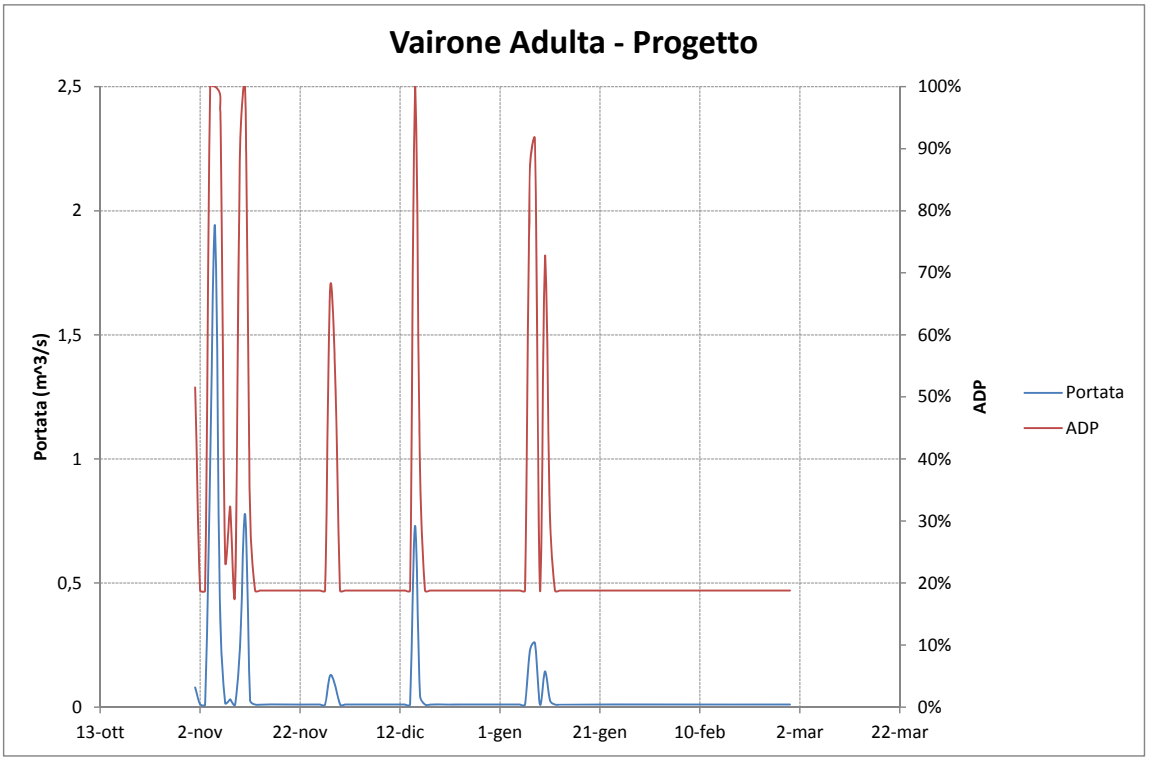

Fario Giovane - Progetto
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
70
80
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

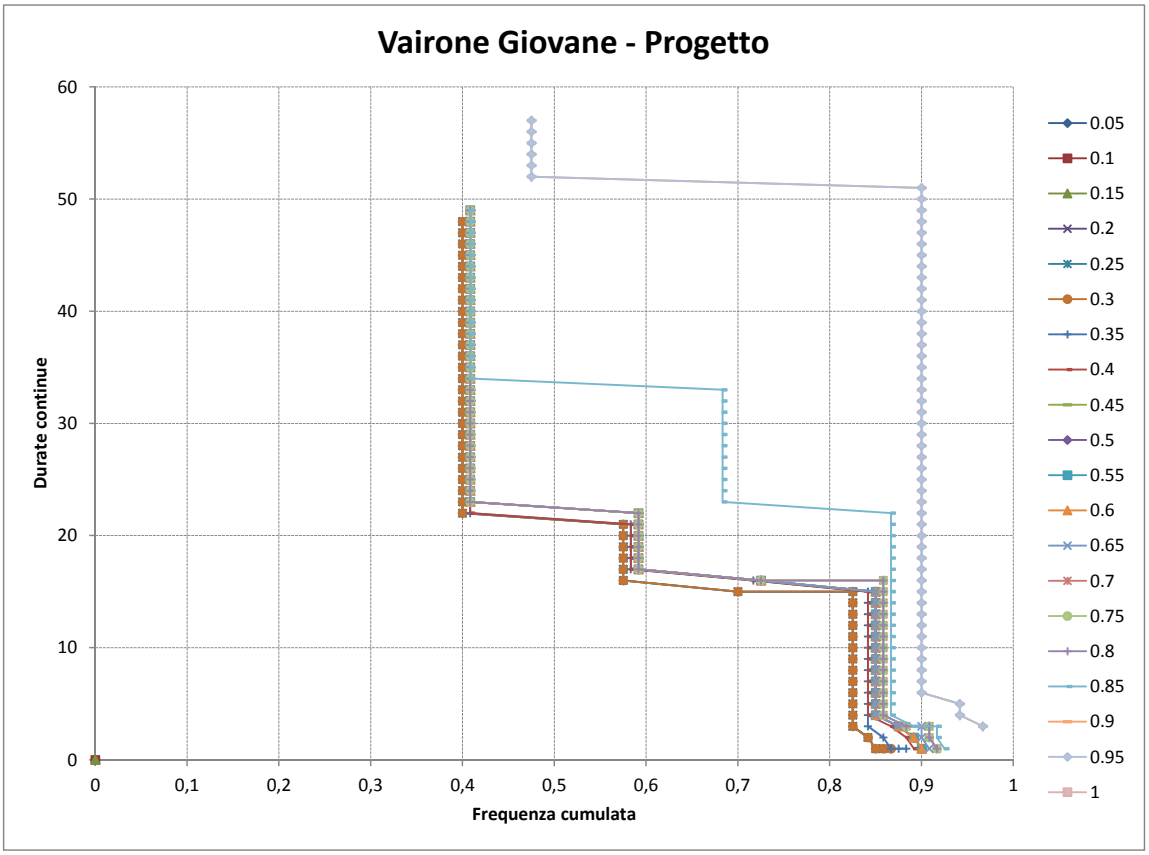

Fario Giovane - Progetto
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

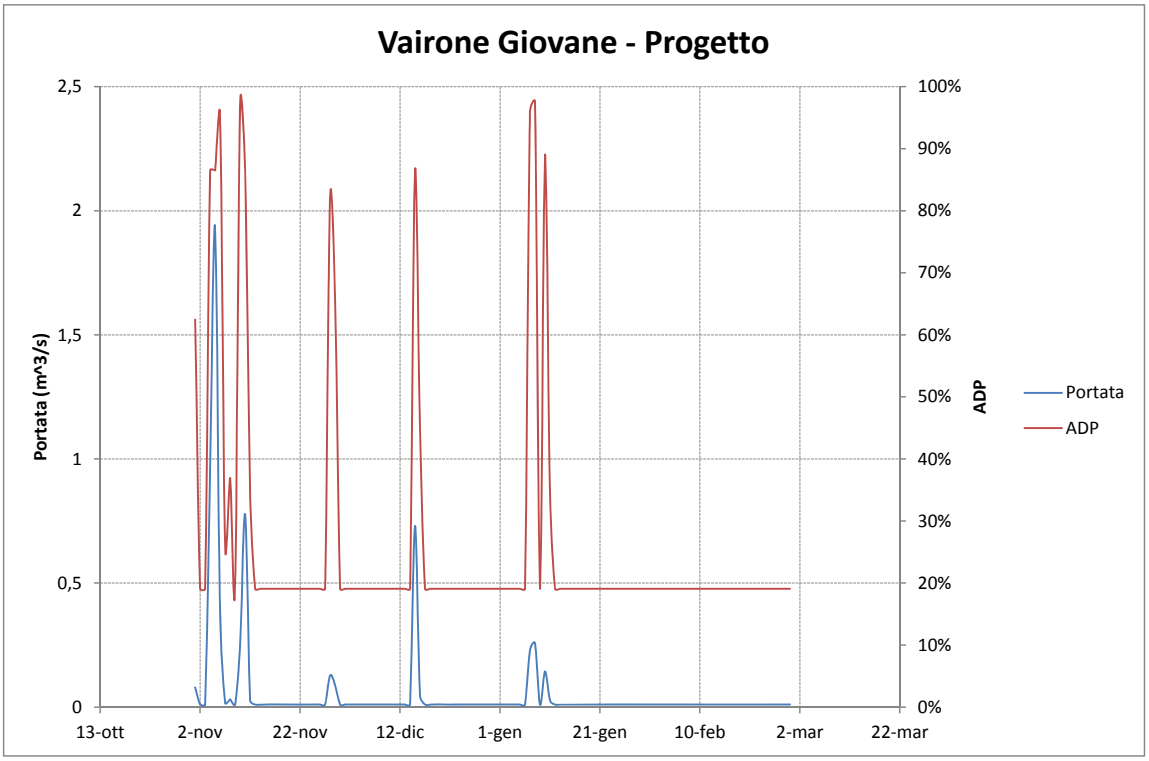

Fario 0+ - Progetto
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
70
80
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1


Fario 0+ - Progetto
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
-20%
0%
20%
40%
60%
80%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

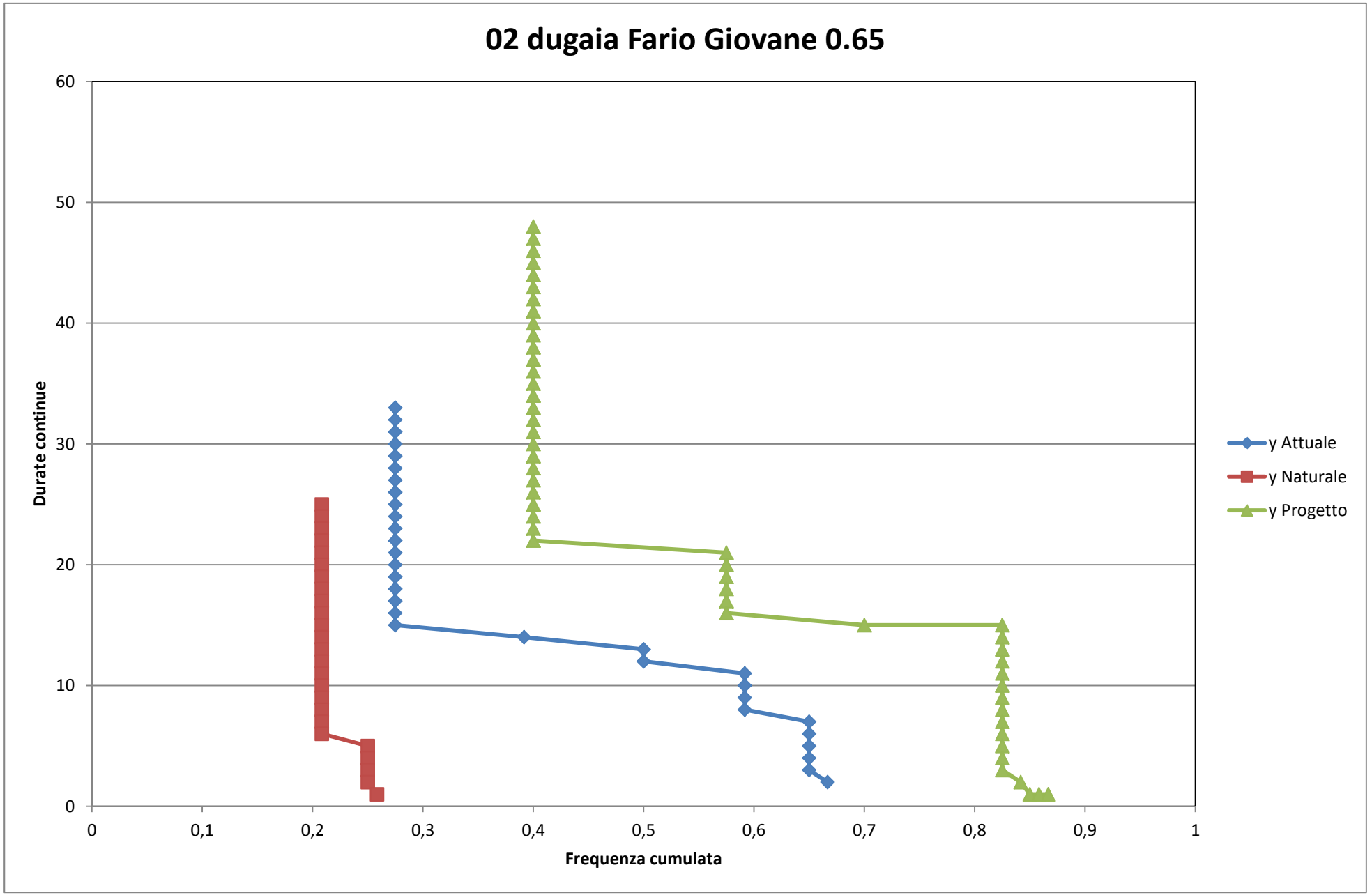

Vairone Adulta - Progetto
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
70
80
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

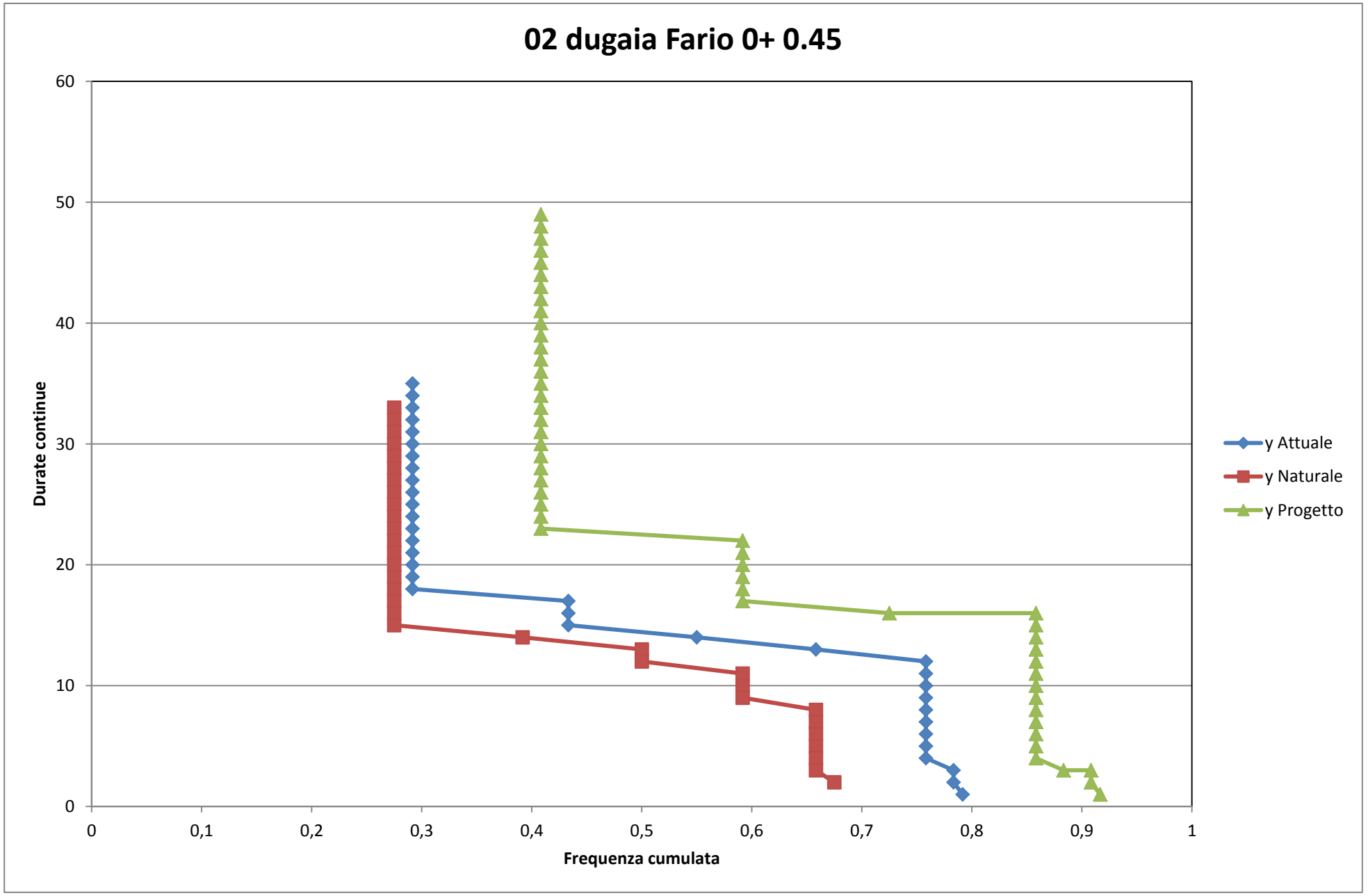

Vairone Adulta - Progetto
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

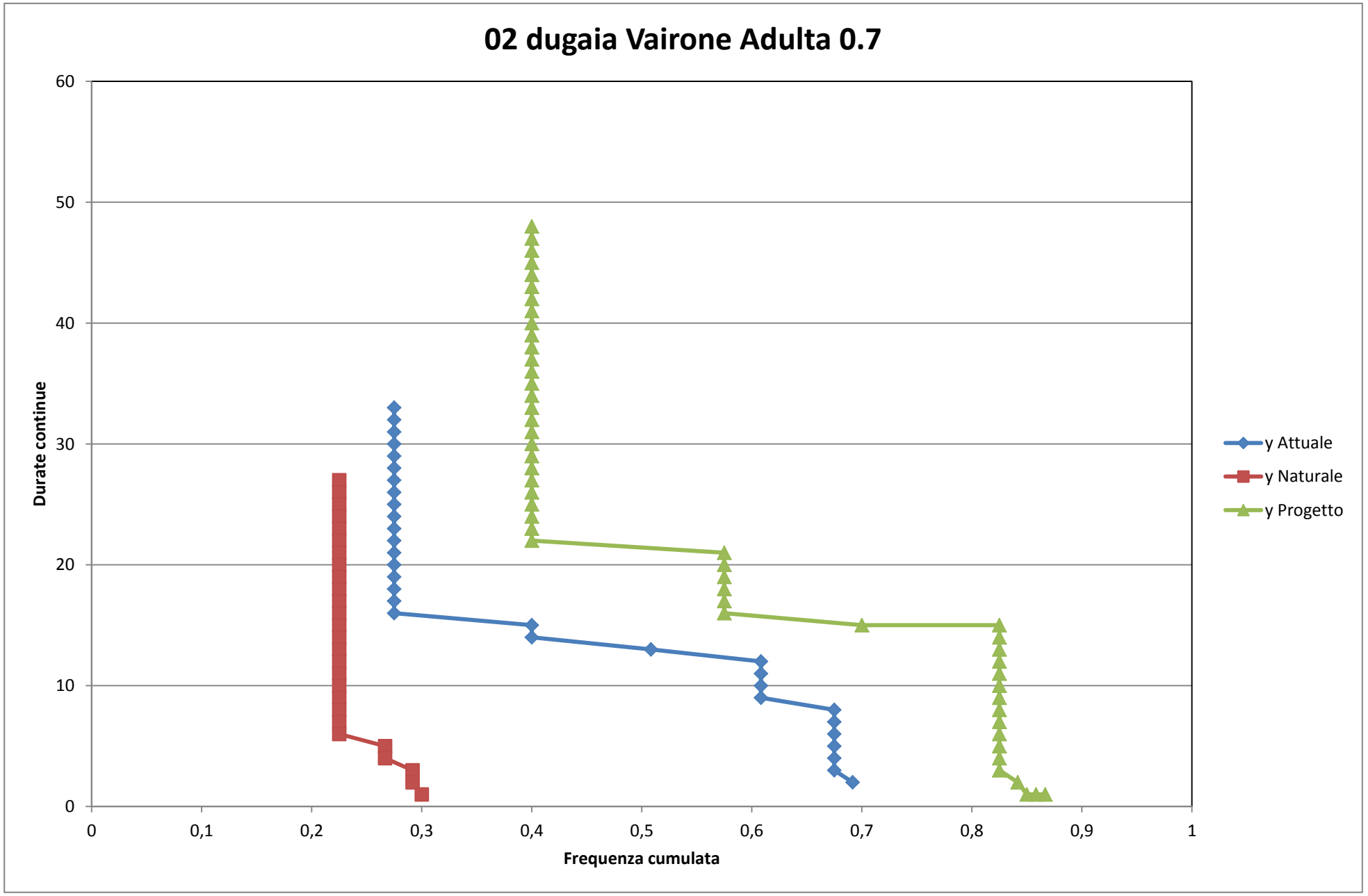

Vairone Giovane - Progetto
Durate continue
Frequenza cumulata
0
10
20
30
40
50
60
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1

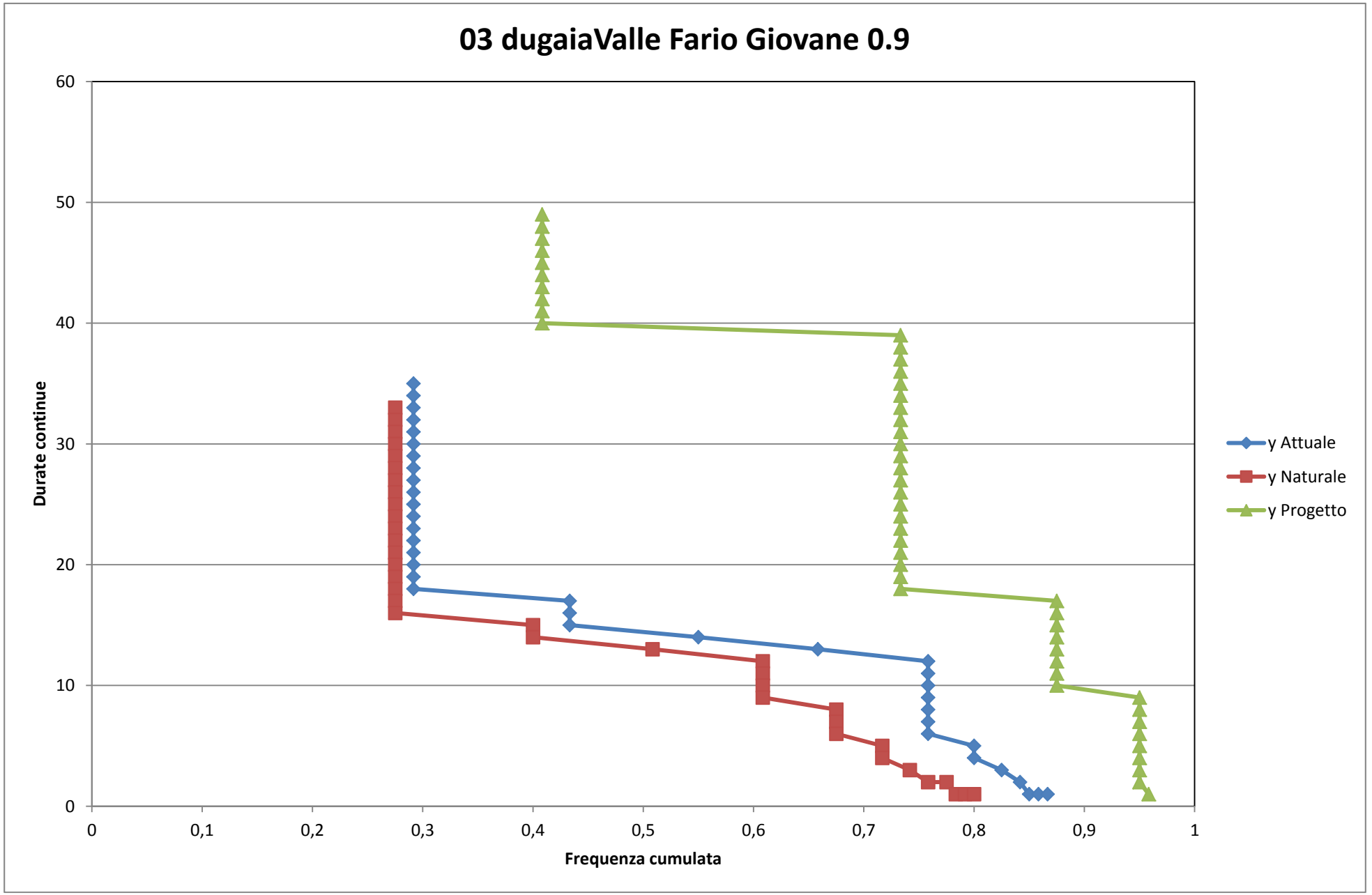

Vairone Giovane - Progetto
Portata (m^3/s)
ADP
0
0,5
1
1,5
2
2,5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
13-ott
2-nov
22-nov
12-dic
1-gen
21-gen
10-feb
2-mar
22-mar
Portata
ADP

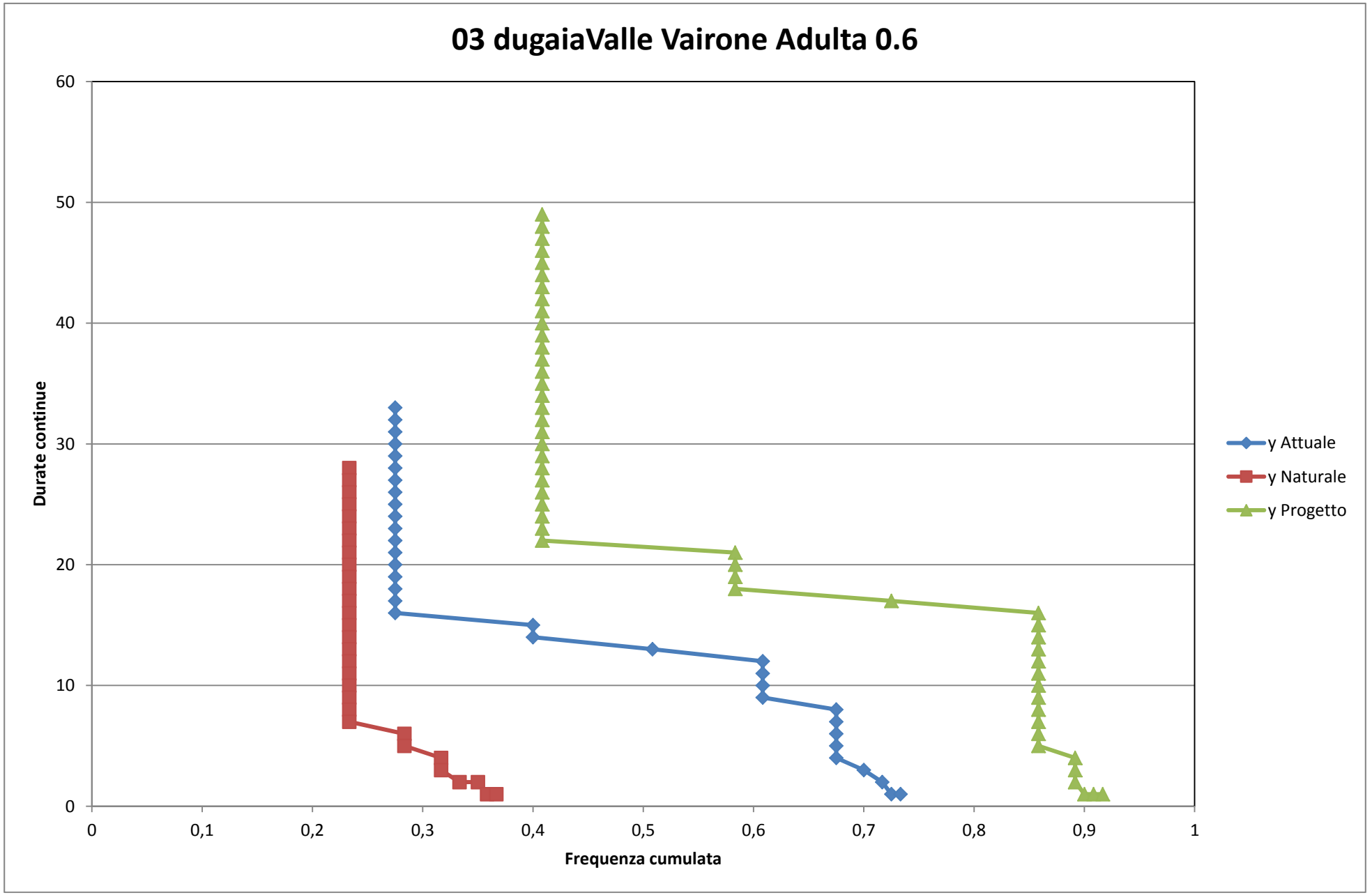
ALLEGATO 4 – UCUT curves relative alle SAR (Soglie di Aumento del Rischio) negli scenari naturale, attuale e di progetto

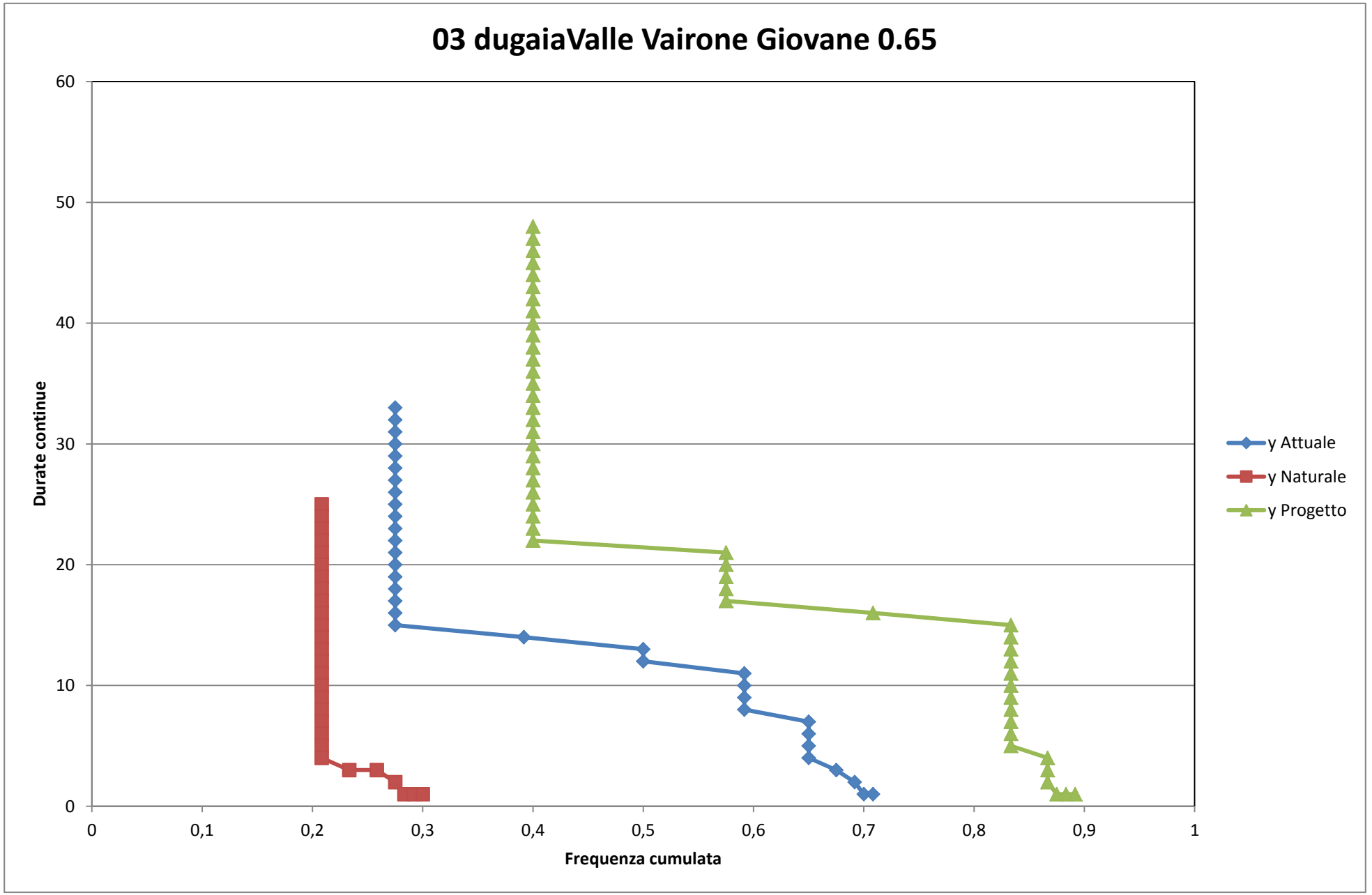

02 dugaia Fario Giovane 0.65
Durate continue
60
50
40
30
20
10
0
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
Frequenza cumulata
y Attuale
y Naturale
y Progetto

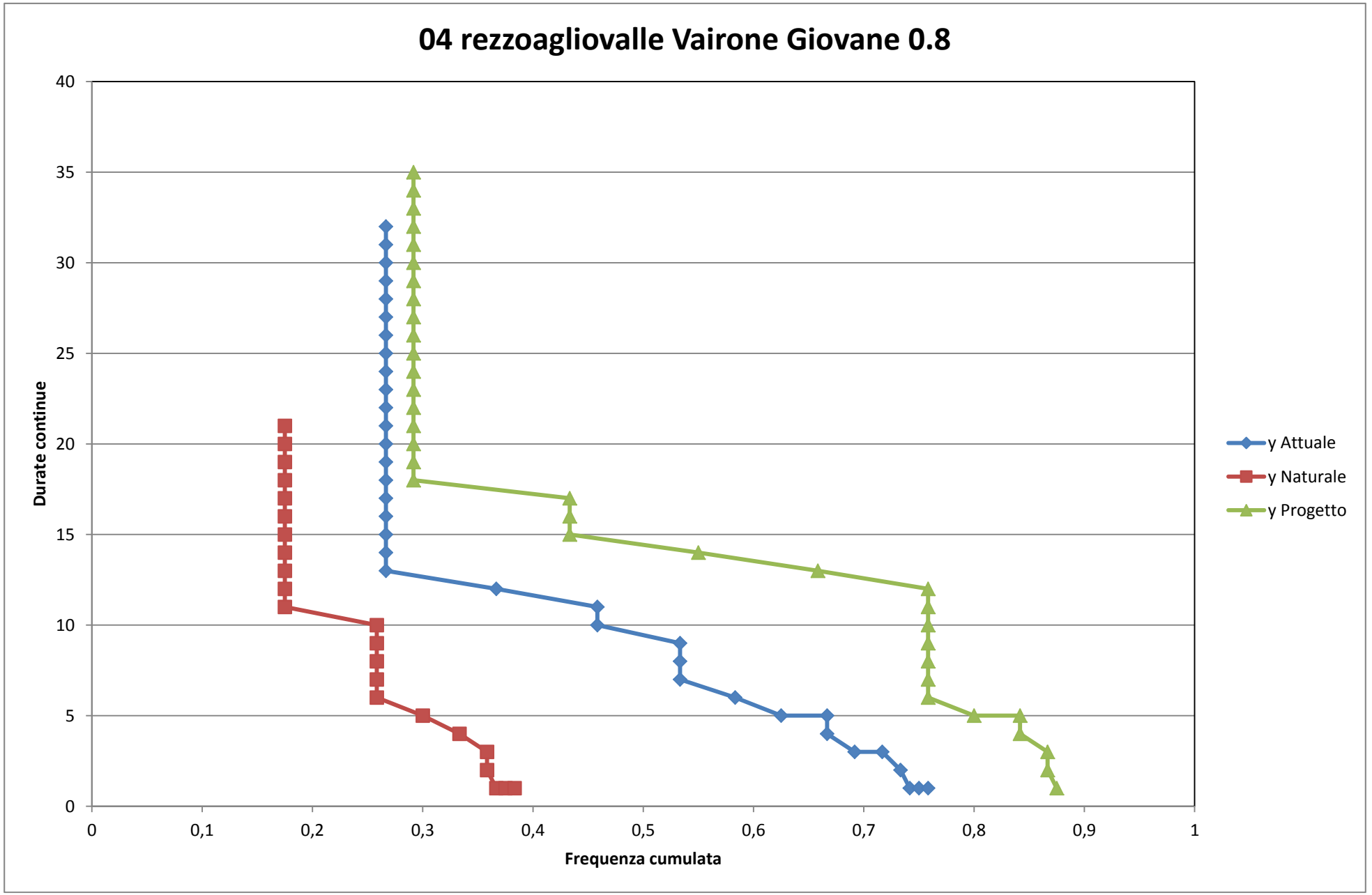

02 dugaia Fario 0+ 0.45
Durate continue
60
50
40
30
20
10
0
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
Frequenza cumulata
y Attuale
y Naturale
y Progetto

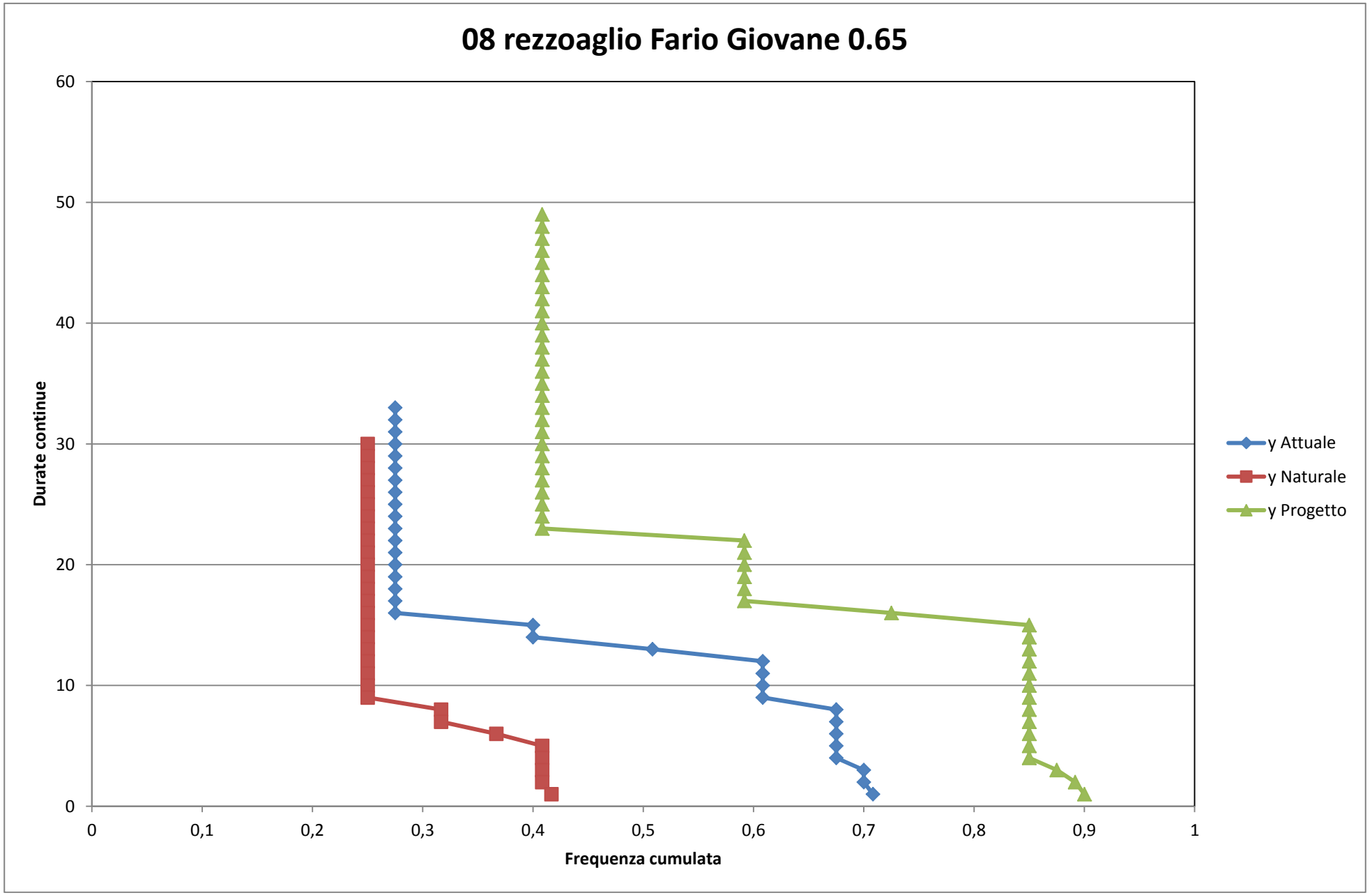

02 dugaia Vairone Adulta 0.7
Durate continue
60
50
40
30
20
10
0
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
Frequenza cumulata
y Attuale
y Naturale
y Progetto

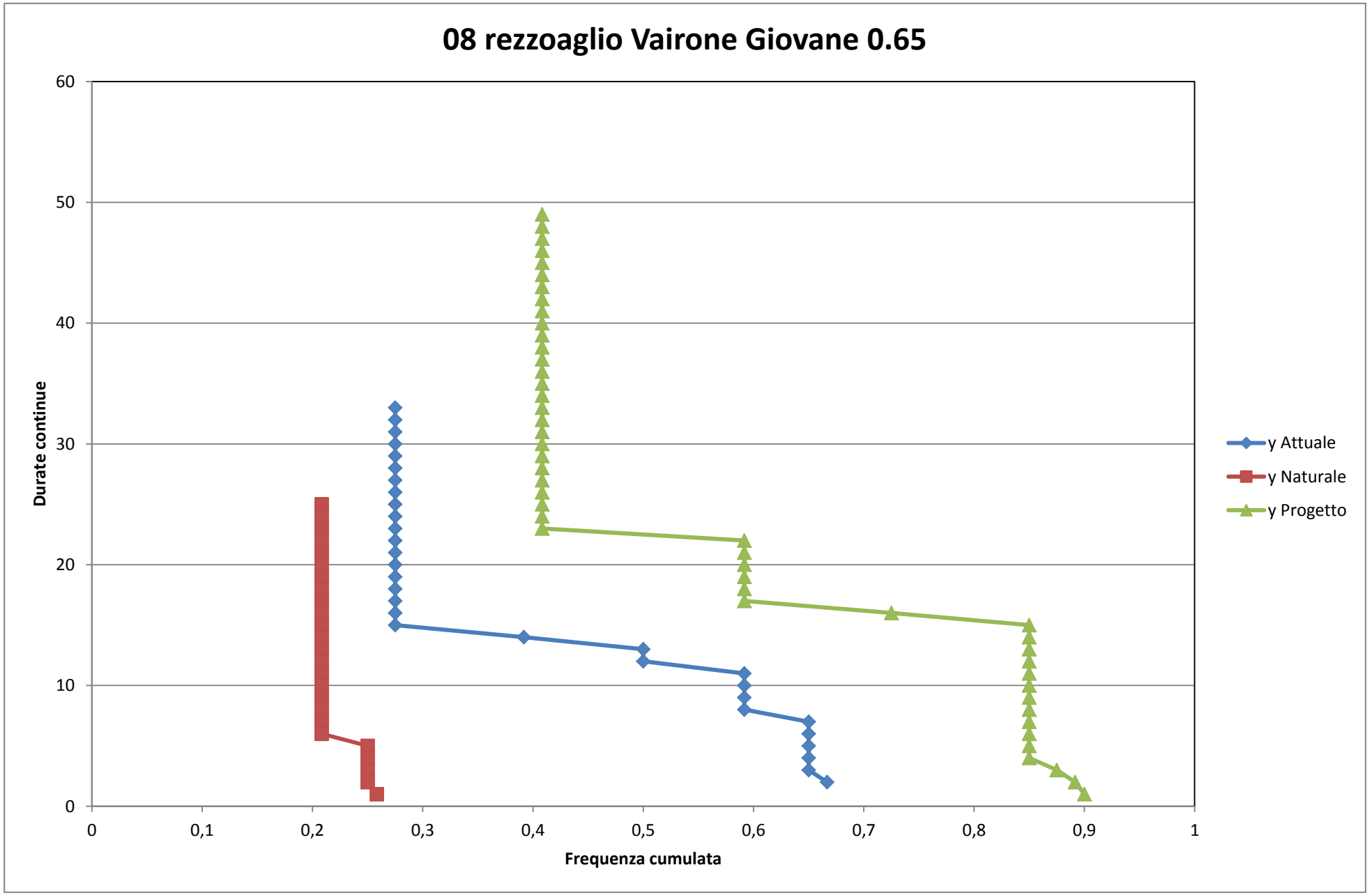

03 dugaiaValle Fario Giovane 0.9
Durate continue
60
50
40
30
20
10
0
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
Frequenza cumulata
y Attuale
y Naturale
y Progetto

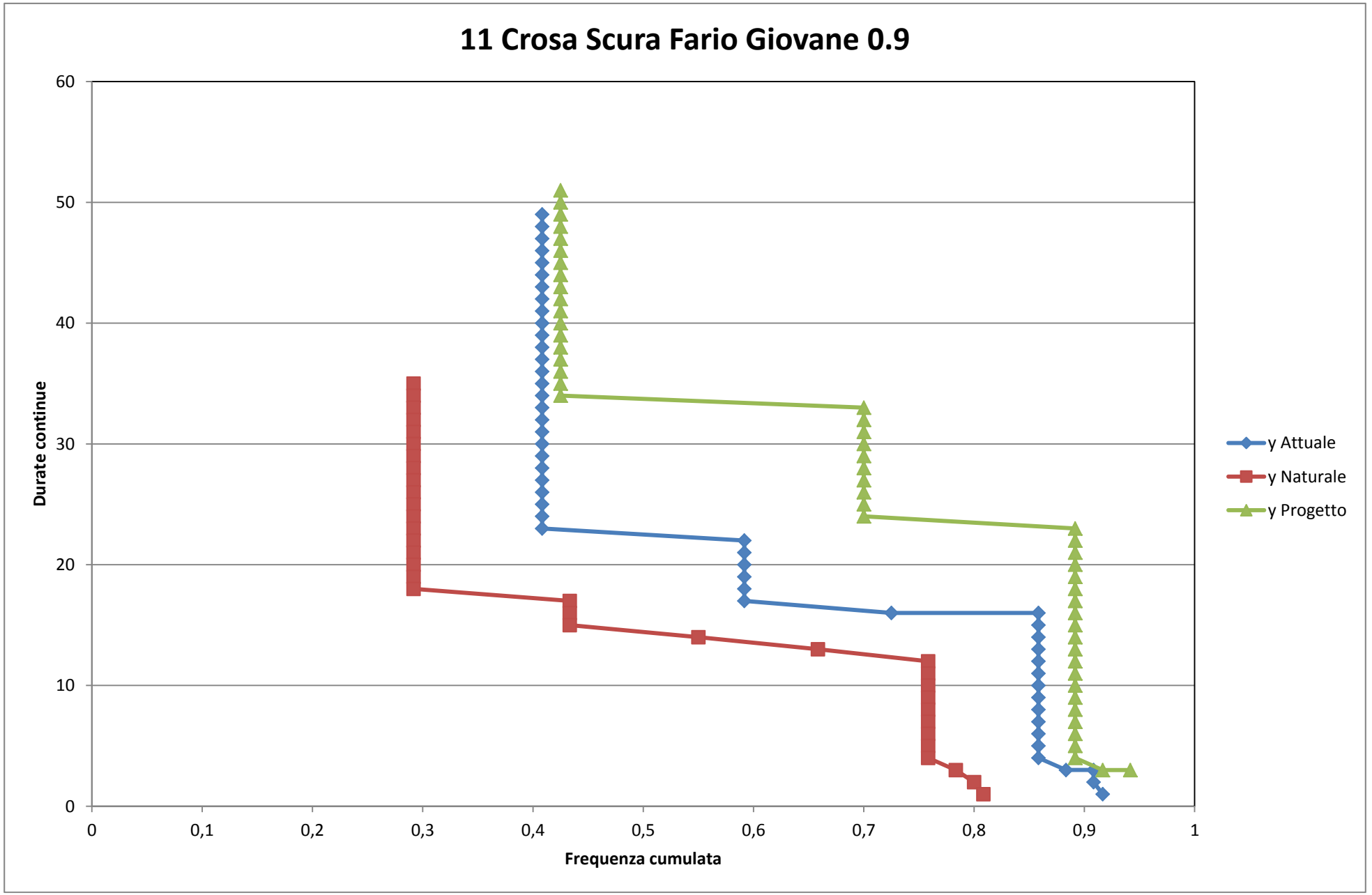

03 dugaiaValle Vairone Adulta 0.6
Durate continue
60
50
40
30
20
10
0
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
Frequenza cumulata
y Attuale
y Naturale
y Progetto

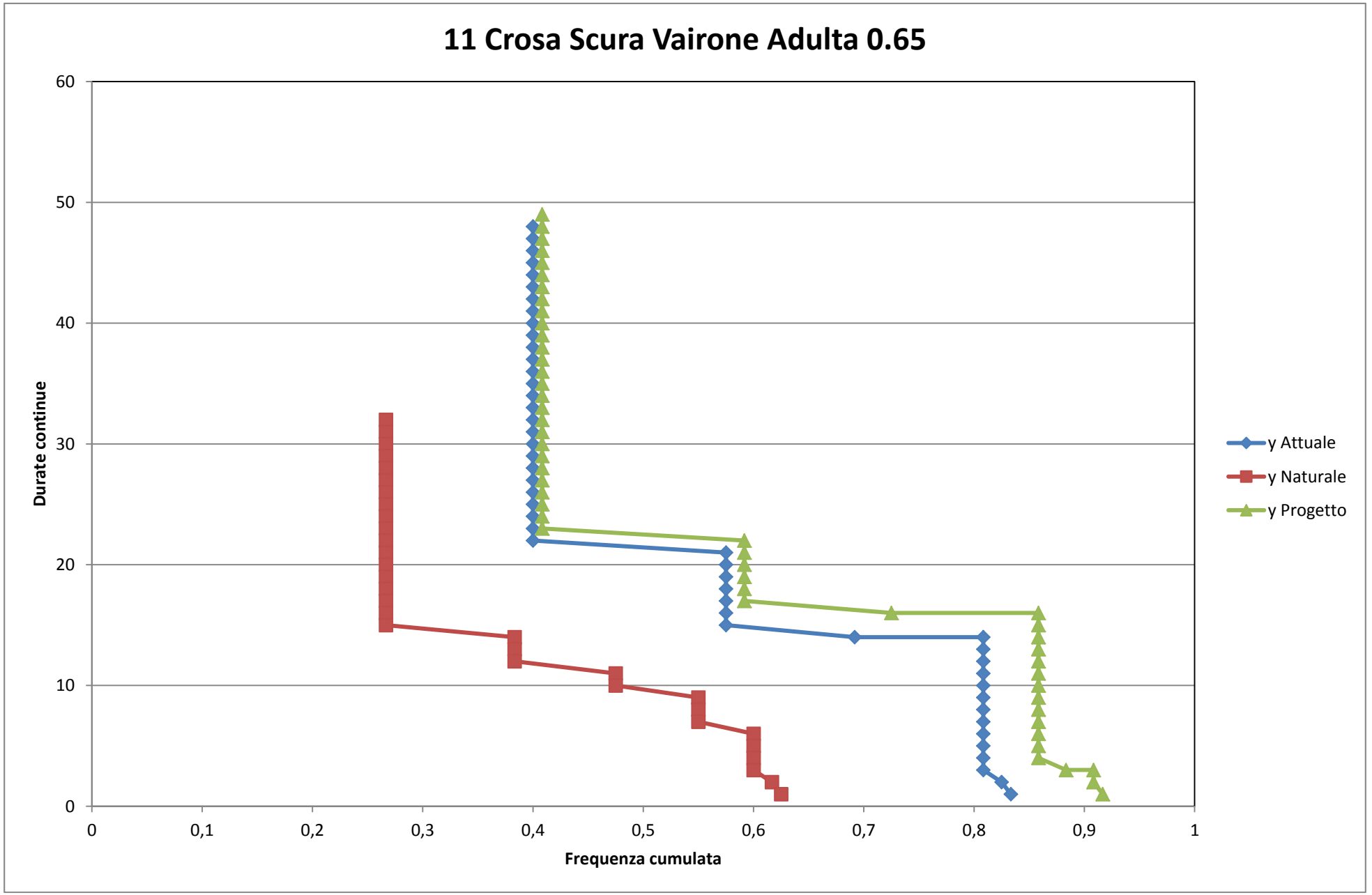

03 dugaiaValle Vairone Giovane 0.65
Durate continue
60
50
40
30
20
10
0
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
Frequenza cumulata
y Attuale
y Naturale
y Progetto

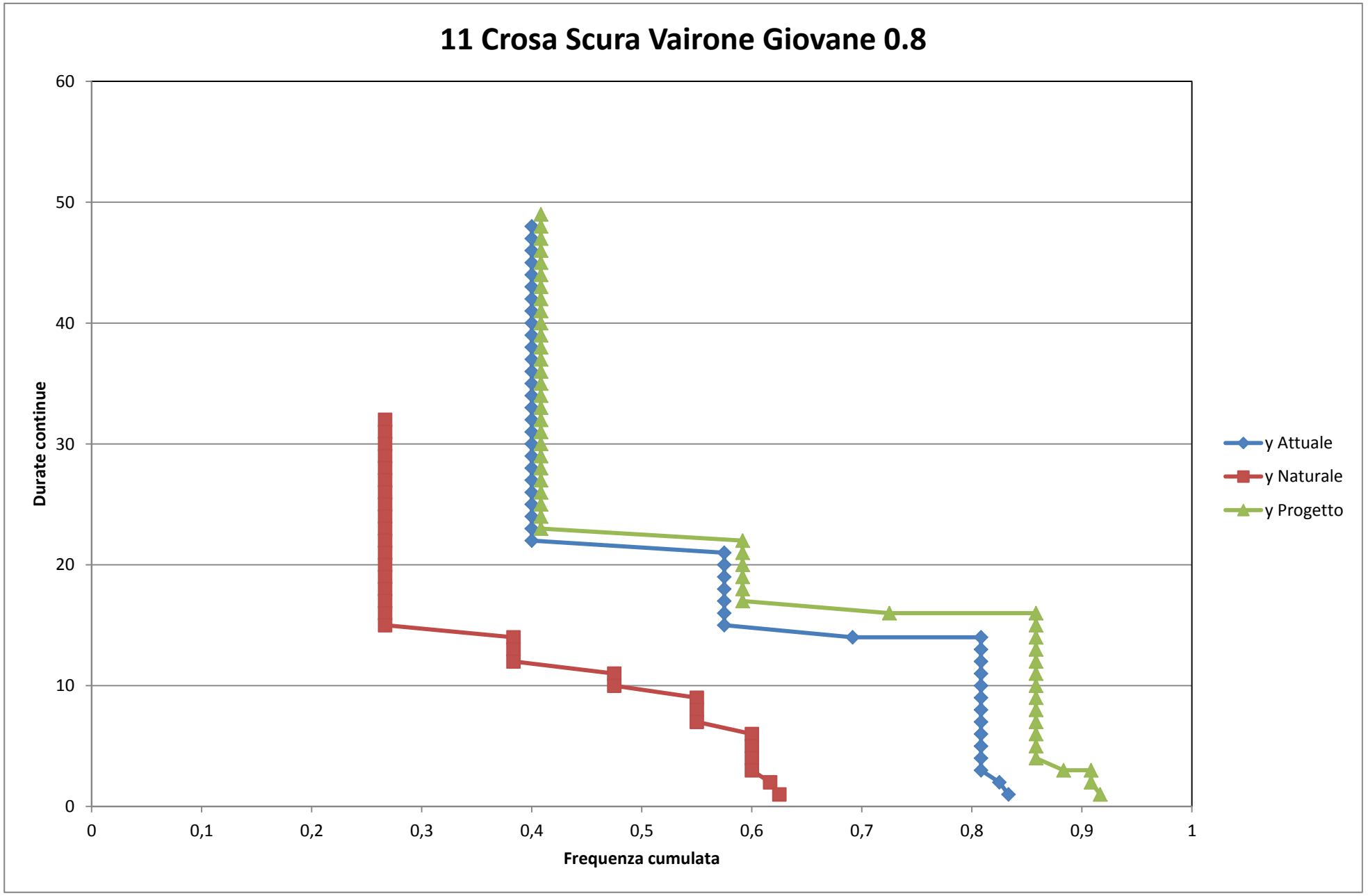

04 rezzoagliovalle Vairone Giovane 0.8
Durate continue
Frequenza cumulata
0
5
10
15
20
25
30
35
40
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
y Attuale
y Naturale
y Progetto


08 rezzoaglio Fario Giovane 0.65
Durate continue
60
50
40
30
20
10
0
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
Frequenza cumulata
y Attuale
y Naturale
y Progetto


08 rezzoaglio Vairone Giovane 0.65
Durate continue
60
50
40
30
20
10
0
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
Frequenza cumulata
y Attuale
y Naturale
y Progetto


11 Crosa Scura Fario Giovane 0.9
Durate continue
60
50
40
30
20
10
0
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
Frequenza cumulata
y Attuale
y Naturale
y Progetto


11 Crosa Scura Vairone Adulta 0.65
Durate continue
60
50
40
30
20
10
0
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
Frequenza cumulata
y Attuale
y Naturale
y Progetto

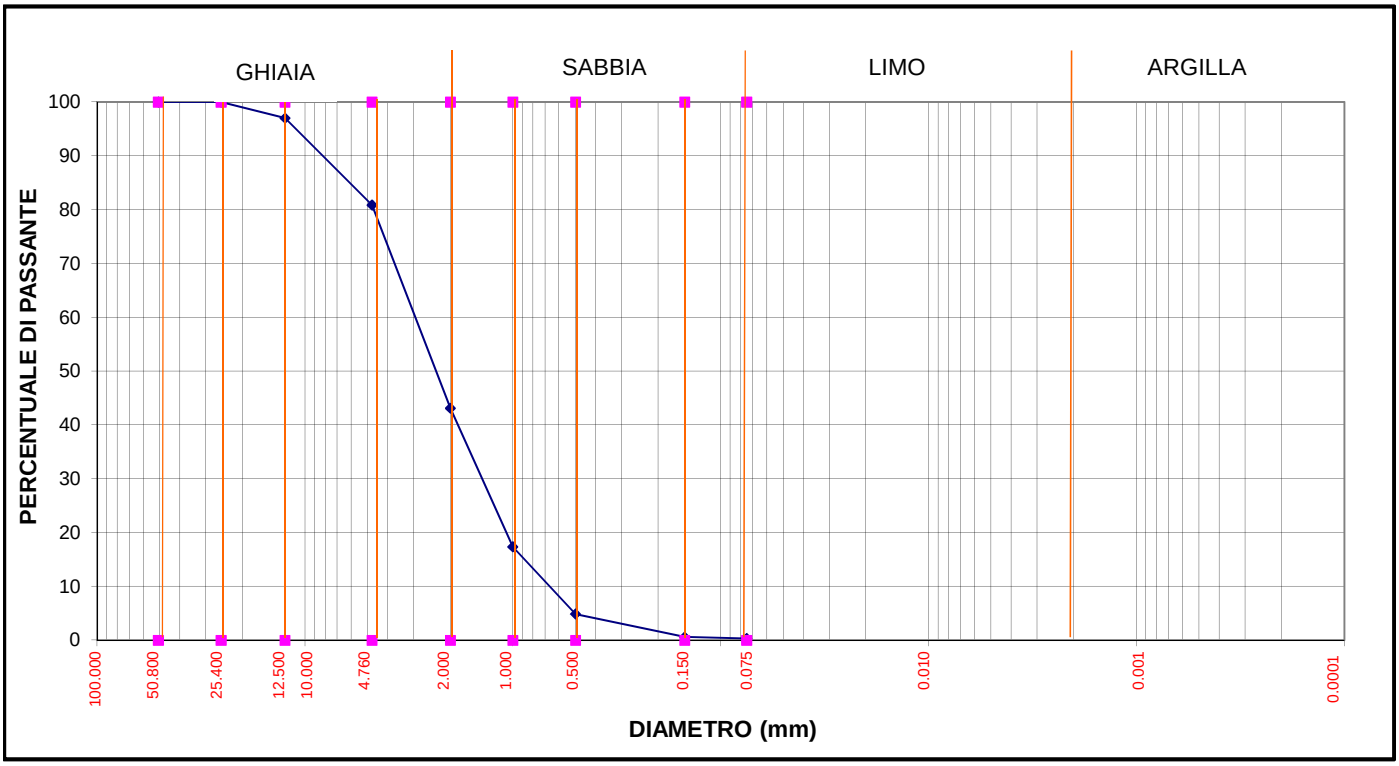

11 Crosa Scura Vairone Giovane 0.8
Durate continue
60
50
40
30
20
10
0
0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1
Frequenza cumulata
y Attuale
y Naturale
y Progetto

ALLEGATO 5 – Analisi dei fenomeni relativi ai sedimenti

Allegato 5.1 – Curve granulometriche

HYDRODATA INGEGNERIA DELLE RISORSE IDRICHE	CURVA GRANULOMETRICA	CLASSIFICAZIONE **2918H001** MOD LMM-M/C **PT 012** rev. 4-19/04/06

RIFERIMENTI CAMPIONAMENTO	
CAMPIONE N°:	SEZ.2
LUOGO PRELIEVO:	Rezzoagliio
DATA PRELIEVO:	21/10/2014
DESCRIZIONE/NOTE:	Sedimenti



D90= 8.207	D60= 2.947	D50= 2.343	D10= 0.665	Cu=D60/D10= 4.435	Cc=D30^2/(D10*D60)= 1.008

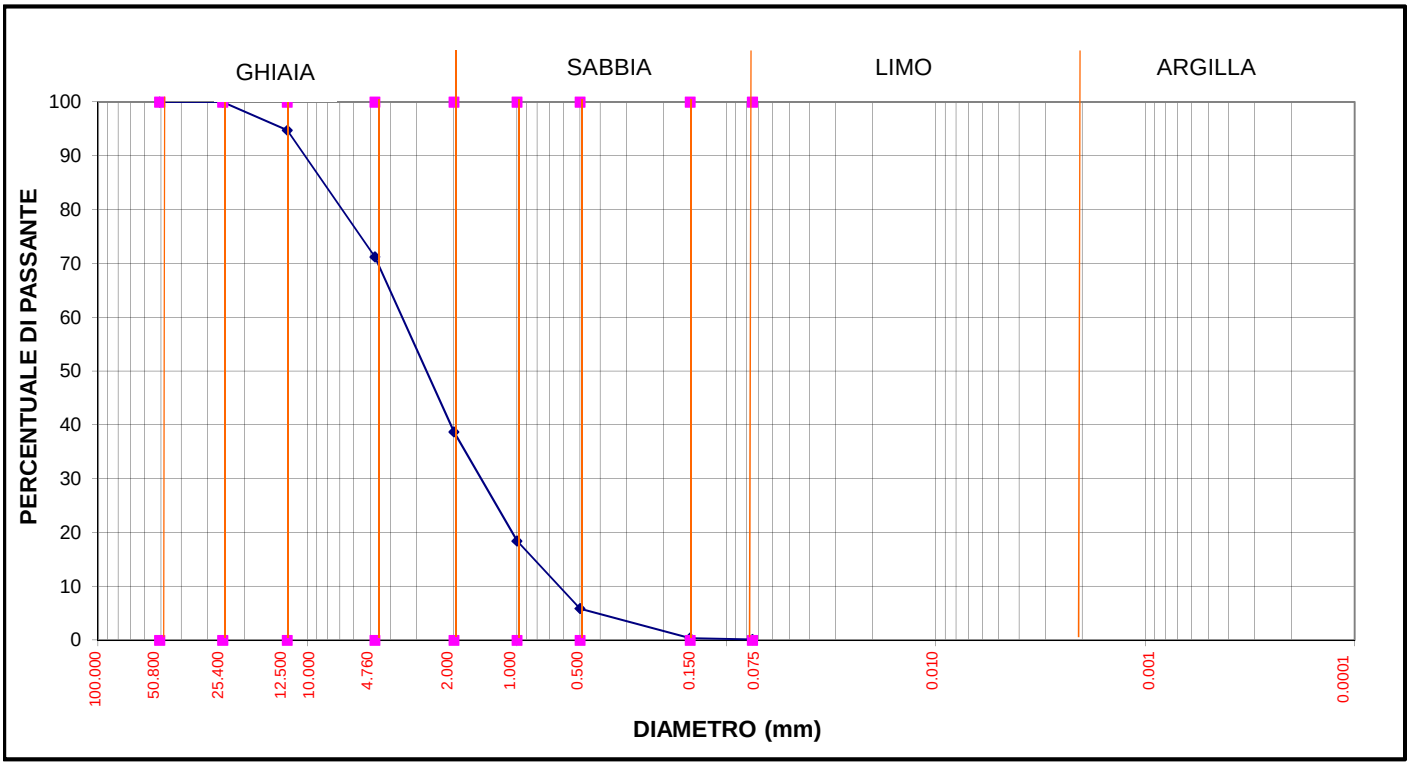
CLASSIFICAZIONE CAMPIONE (AGI)	Ghiaia con sabbia

ANNOTAZIONI:

ELABORAZIONE:	V. Vommaro	**DATA ELABORAZIONE:**	22/10/2014	**VERIFICA RLMM:**	C.SOLDERA

HYDRODATA INGEGNERIA DELLE RISORSE IDRICHE	CURVA GRANULOMETRICA	CLASSIFICAZIONE **2918H002** MOD LMM-M/C **PT 012** rev. 4-19/04/06

RIFERIMENTI CAMPIONAMENTO	
CAMPIONE N°:	SEZ. 8
LUOGO PRELIEVO:	Rezzoaglio
DATA PRELIEVO:	21/10/2014
DESCRIZIONE/NOTE:	Sedimenti



D90= 10.272	D60= 3.530	D50= 2.704	D10= 0.627	Cu=D60/D10= 5.626	Cc=D30^2/(D10*D60)= 0.996

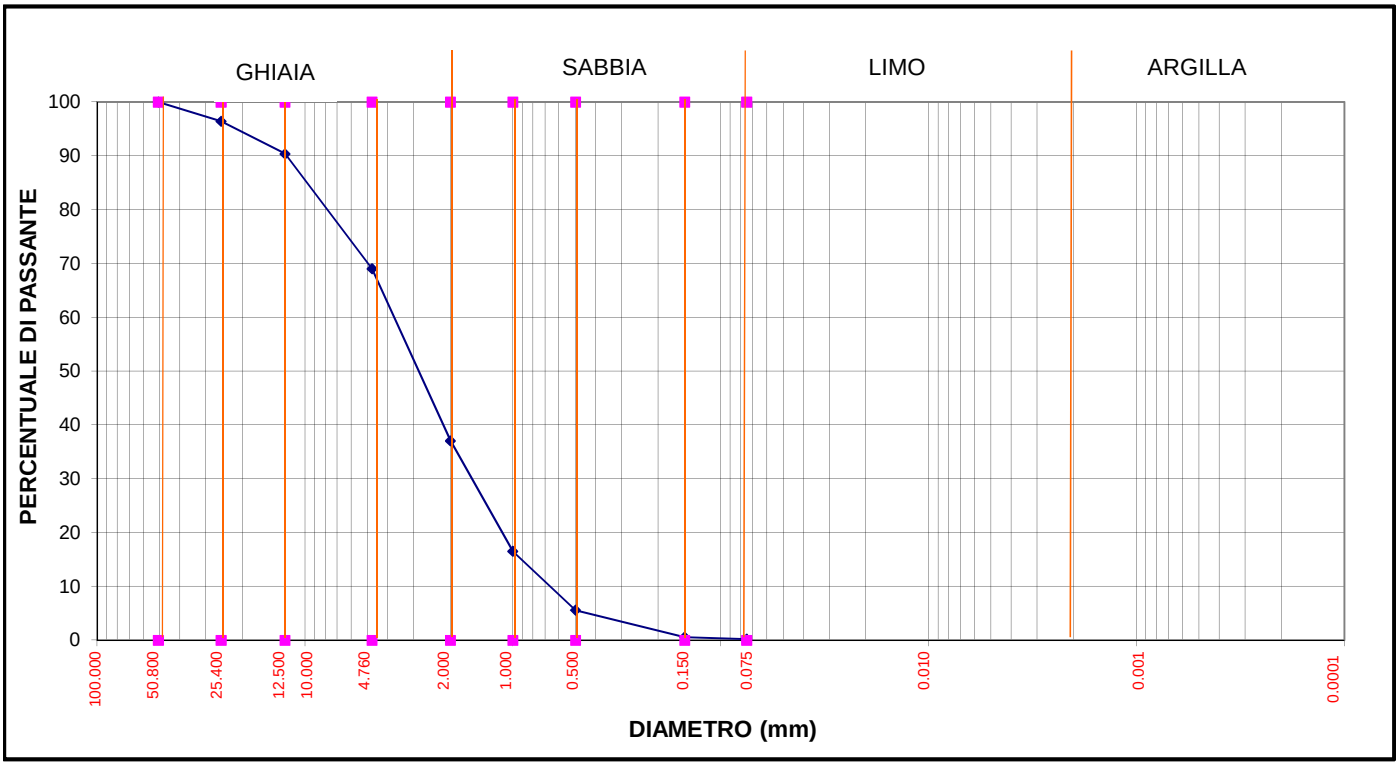
CLASSIFICAZIONE CAMPIONE (AGI)	Ghiaia con sabbia

ANNOTAZIONI:

ELABORAZIONE:	V. Vommaro	**DATA ELABORAZIONE:**	22/10/2014	**VERIFICA RLMM:**	C.SOLDERA

HYDRODATA INGEGNERIA DELLE RISORSE IDRICHE	CURVA GRANULOMETRICA	CLASSIFICAZIONE **2918H003** MOD LMM-M/C **PT 012** rev. 4-19/04/06

RIFERIMENTI CAMPIONAMENTO	
CAMPIONE N°:	SEZ.11
LUOGO PRELIEVO:	Rezzoagliio
DATA PRELIEVO:	21/10/2014
DESCRIZIONE/NOTE:	Sedimenti



D90= 12.273	D60= 3.726	D50= 2.840	D10= 0.662	Cu=D60/D10= 5.627	Cc=D30^2/(D10*D60)= 1.007

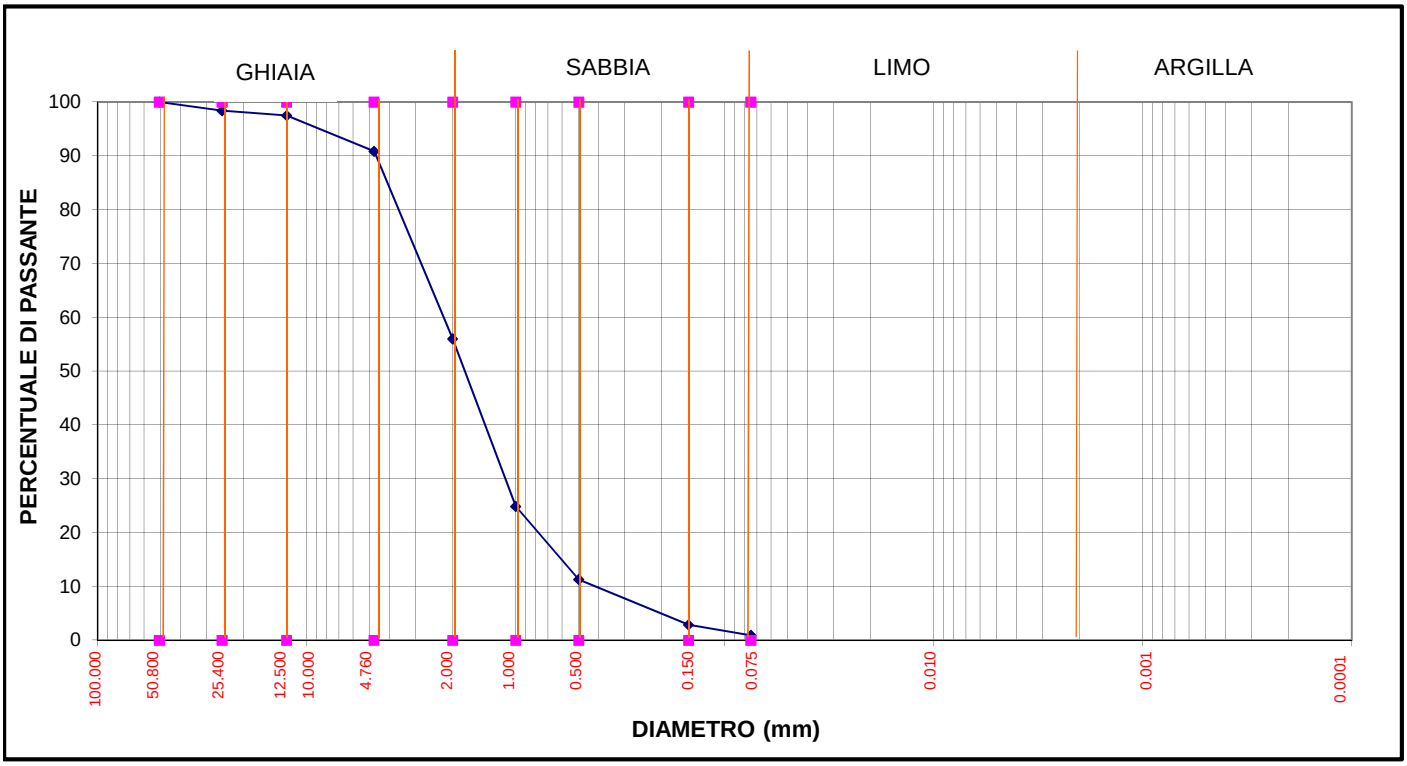
CLASSIFICAZIONE CAMPIONE (AGI)	Ghiaia con sabbia

ANNOTAZIONI:

ELABORAZIONE:	V. Vommaro	**DATA ELABORAZIONE:**	22/10/2014	**VERIFICA RLMM:**	C.SOLDERA

HYDRODATA INGEGNERIA DELLE RISORSE IDRICHE	CURVA GRANULOMETRICA	CLASSIFICAZIONE **2918H004** MOD LMM-M/C **PT 012** rev. 4-19/04/06

RIFERIMENTI CAMPIONAMENTO	
CAMPIONE N°:	SEZ.4
LUOGO PRELIEVO:	Rezzoagliio
DATA PRELIEVO:	21/10/2014
DESCRIZIONE/NOTE:	Sedimenti



D90= 4.658	D60= 2.208	D50= 1.749	D10= 0.415	Cu=D60/D10= 5.317	Cc=D30^2/(D10*D60)= 1.370

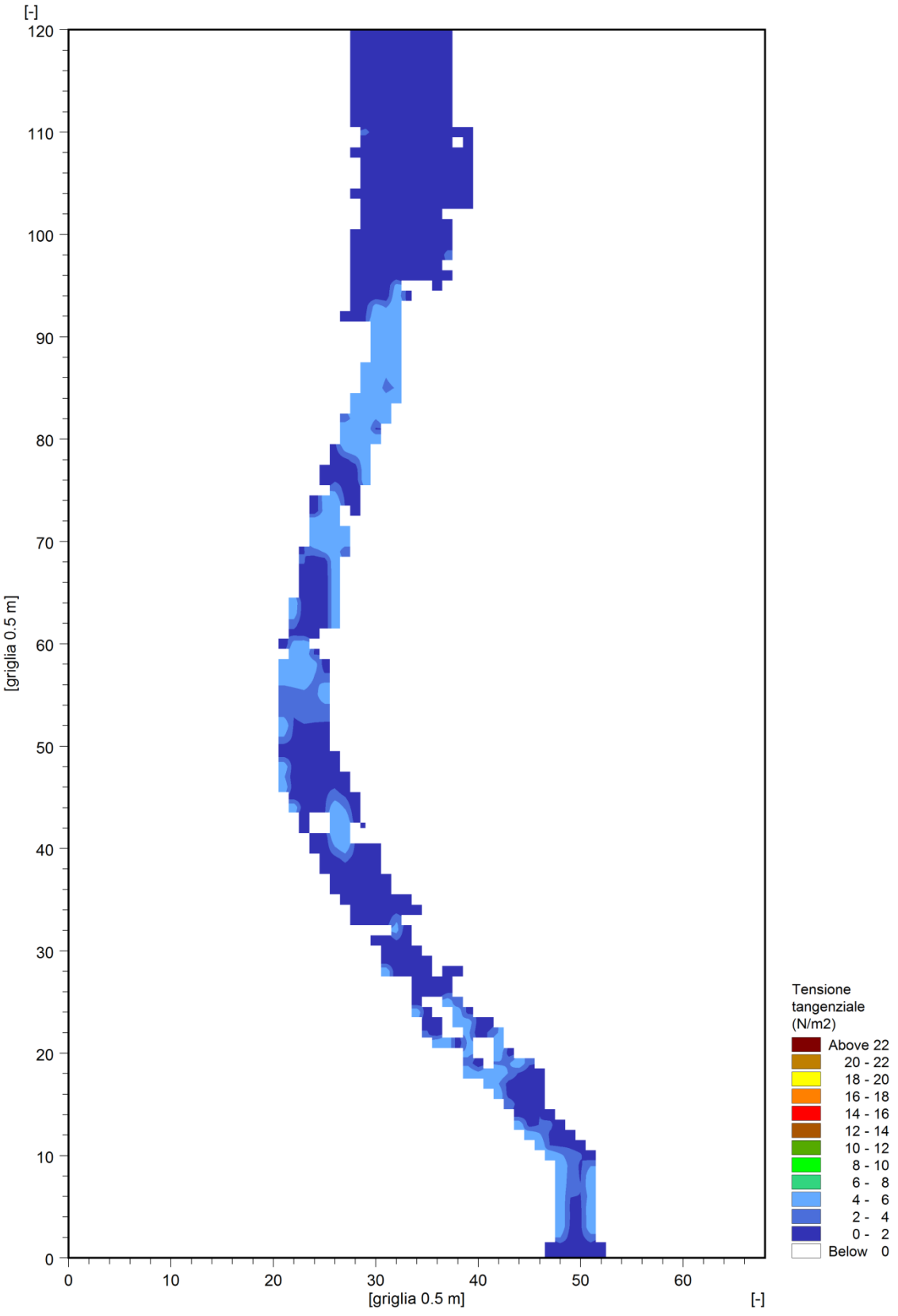
CLASSIFICAZIONE CAMPIONE (AGI)	Sabbia con ghiaia

ANNOTAZIONI:

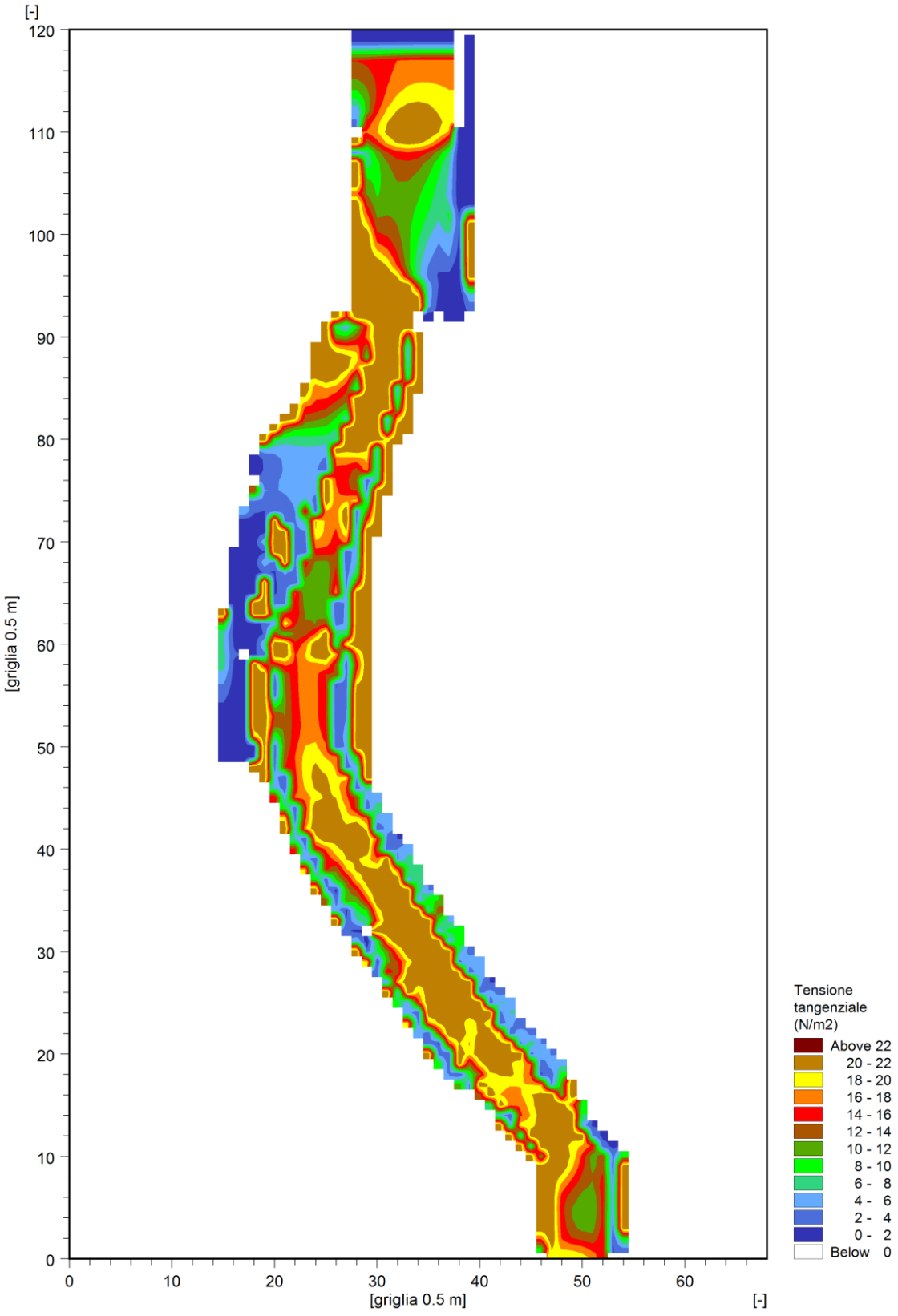
ELABORAZIONE:	V. Vommaro	**DATA ELABORAZIONE:**	22/10/2014	**VERIFICA RLMM:**	C.SOLDERA

ALLEGATO 5 – Analisi dei fenomeni relativi ai sedimenti

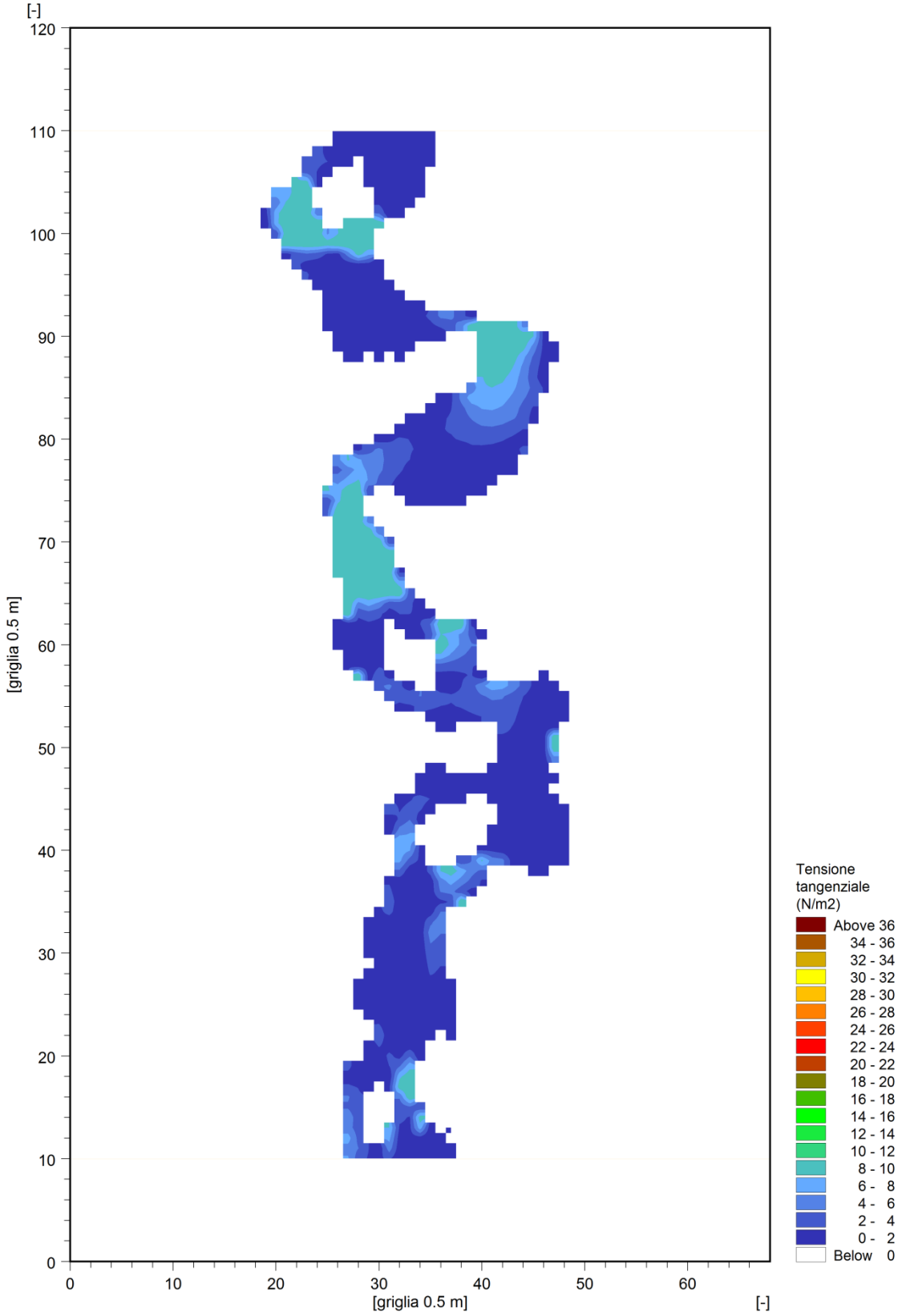
Allegato 5.2 – Mappe delle tensioni tangenziali al fondo



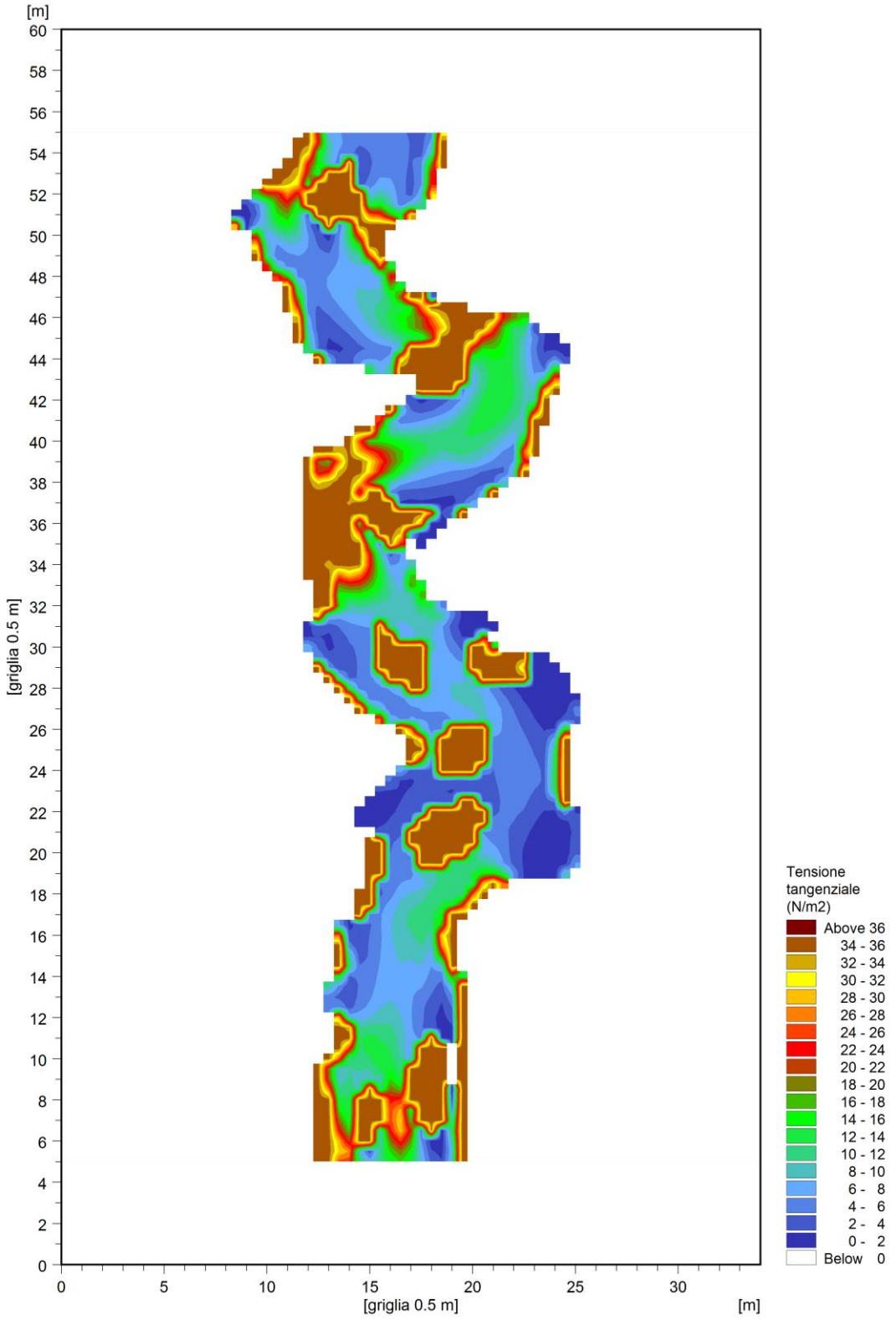
DUGAIA 02 – Q=18 l/s



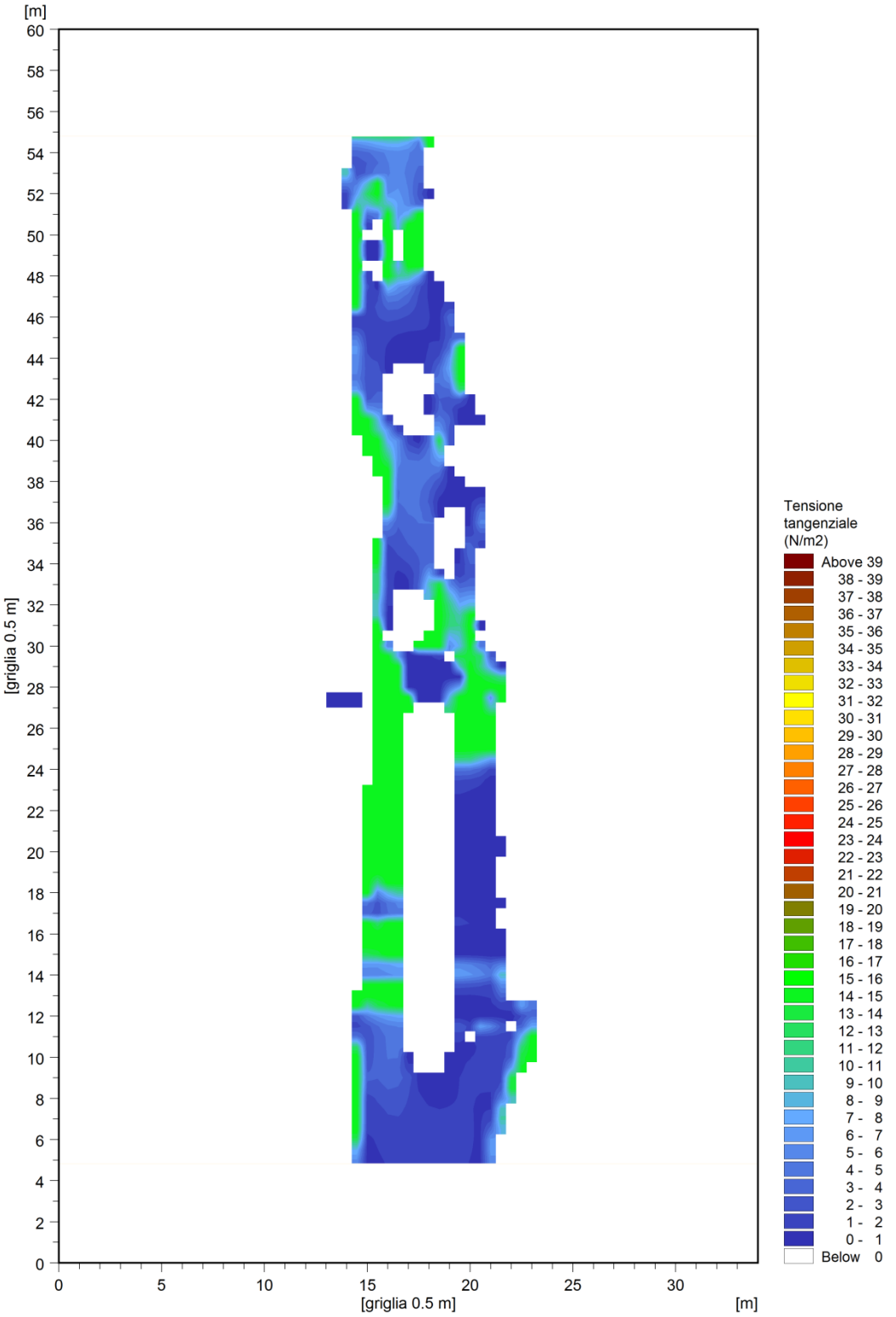
DUGAIA 02 – Q=1500 l/s



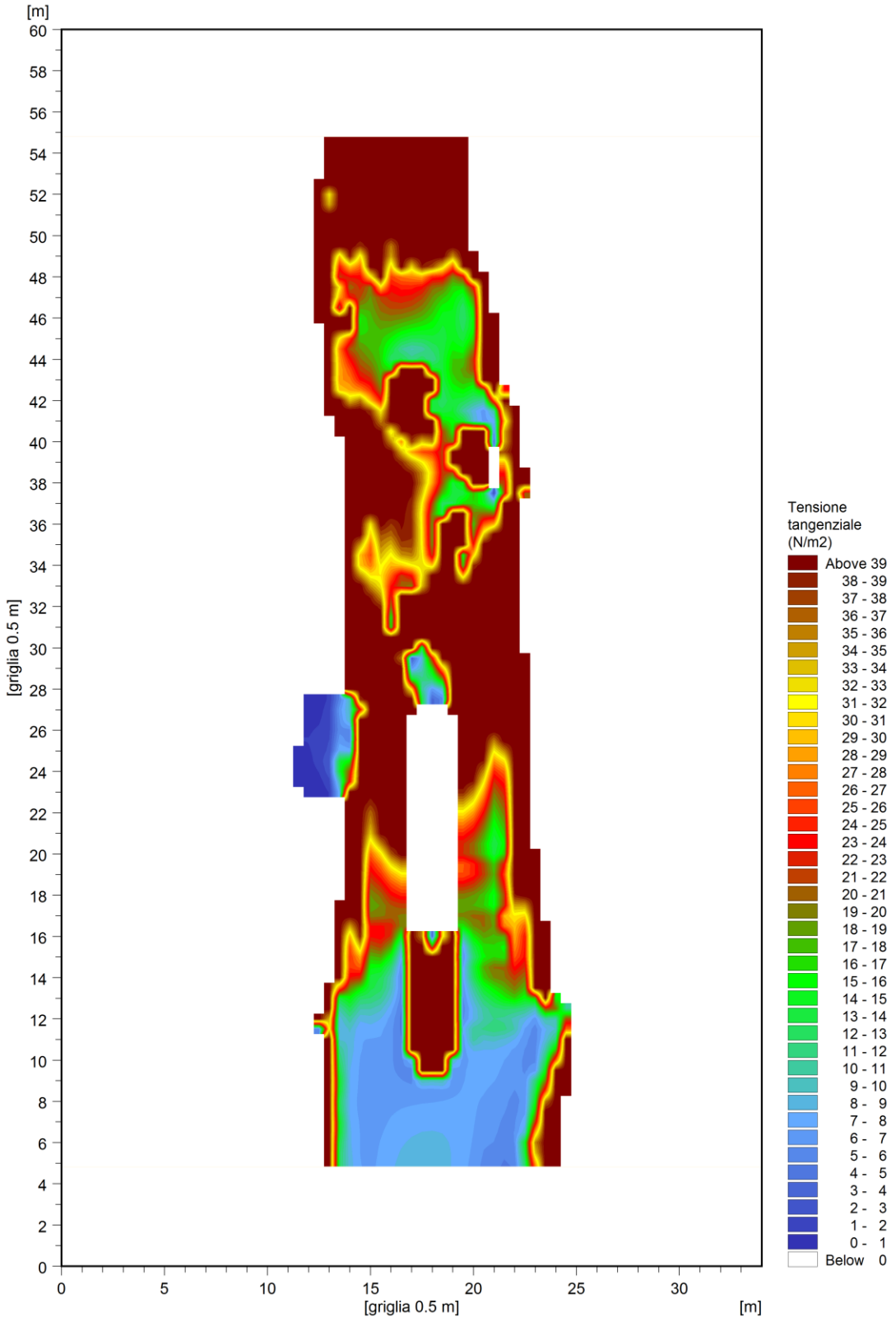
DUGAIA 03 – Q=25 l/s



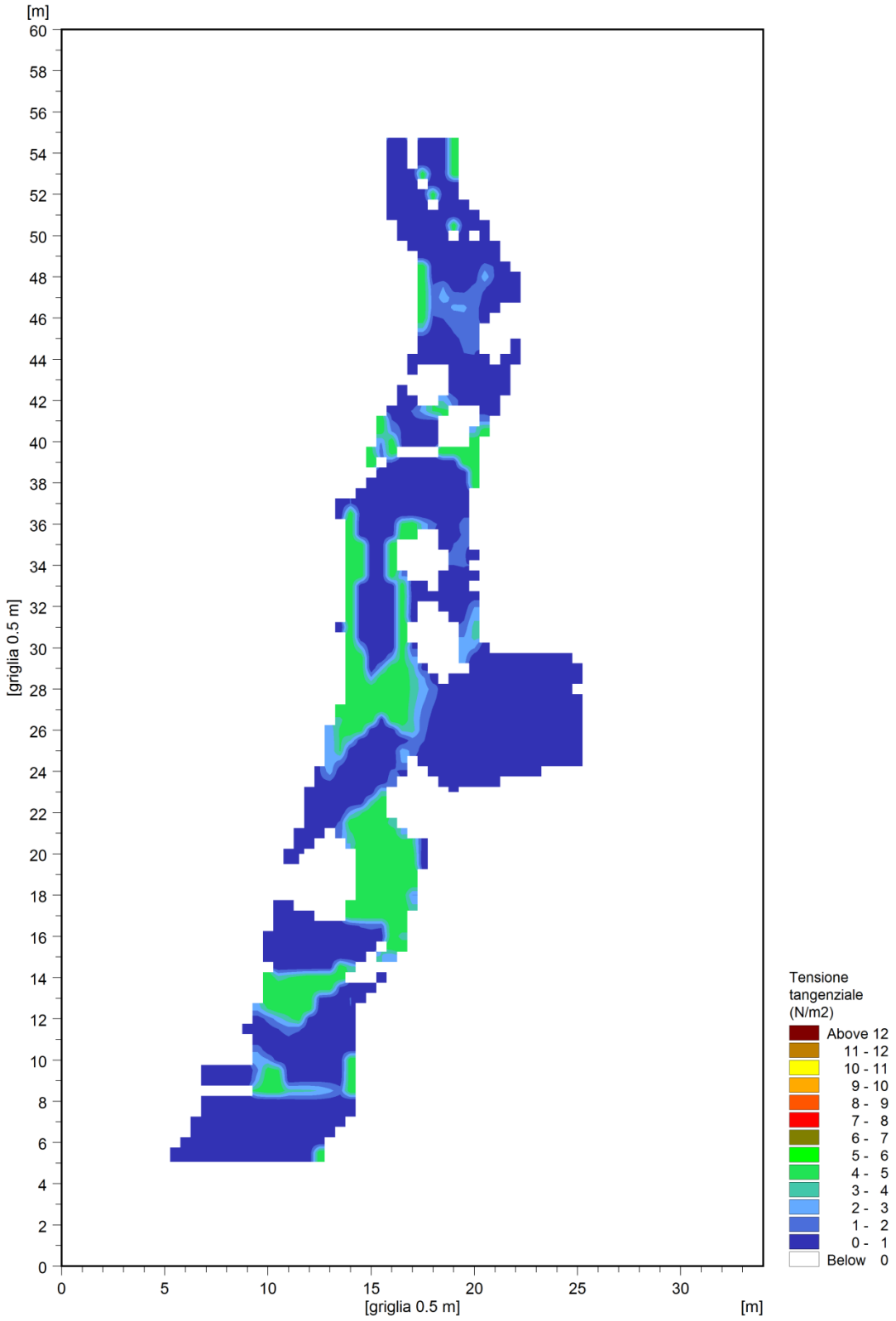
DUGAIA 03 – Q=1500 l/s



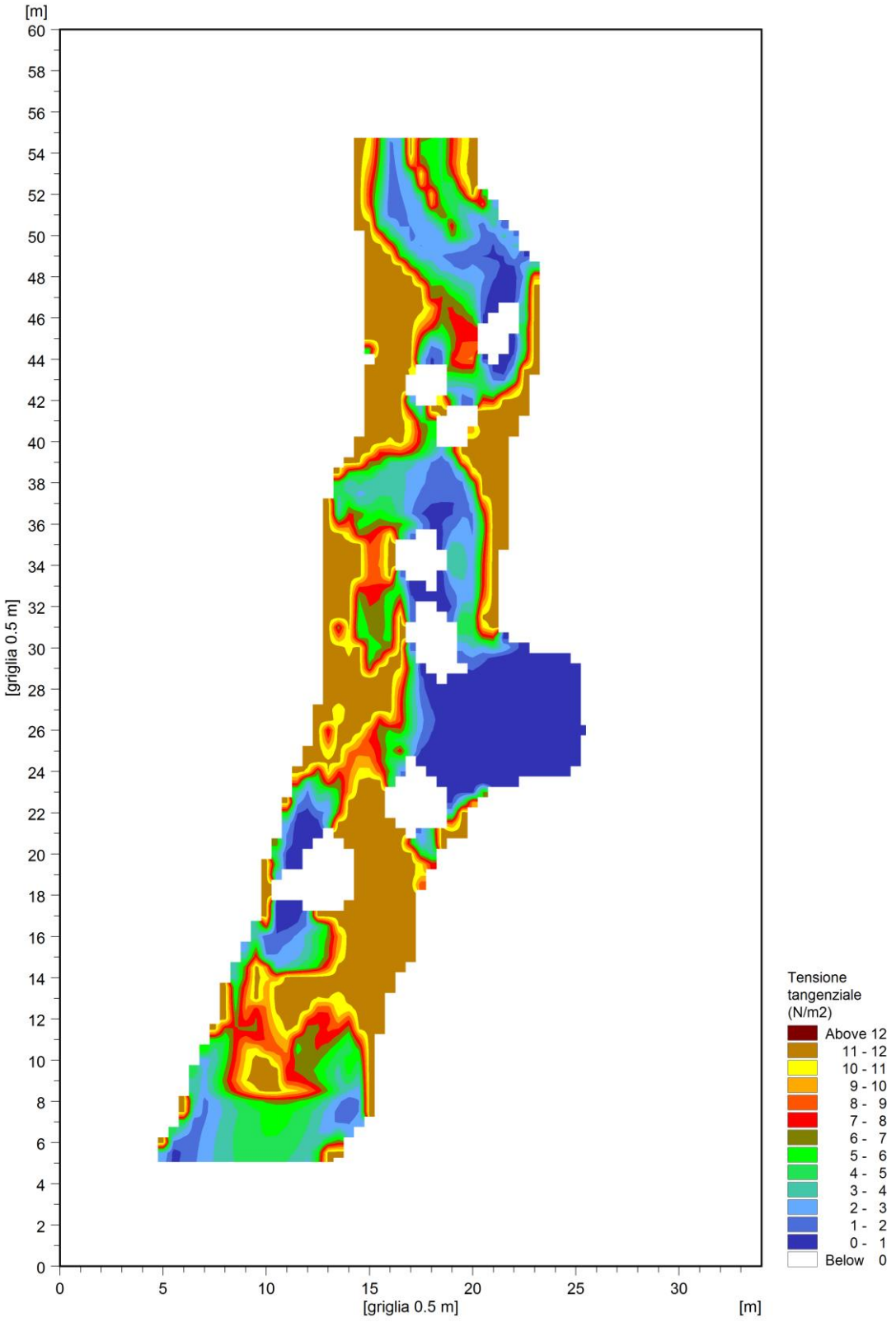
REZZOAGLIO 04 – Q=70 l/s



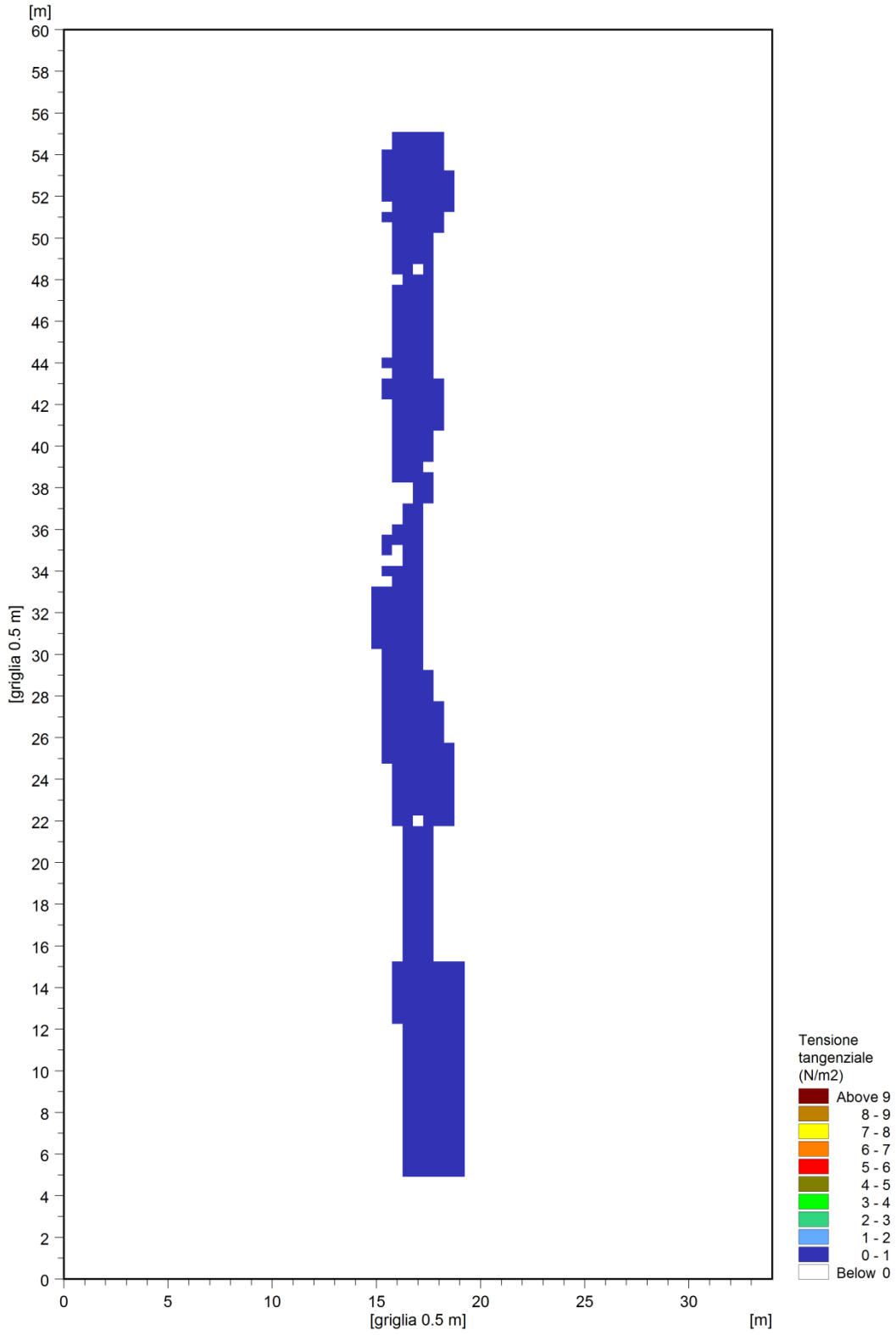
REZZOAGLIO 04 – Q=3500 l/s



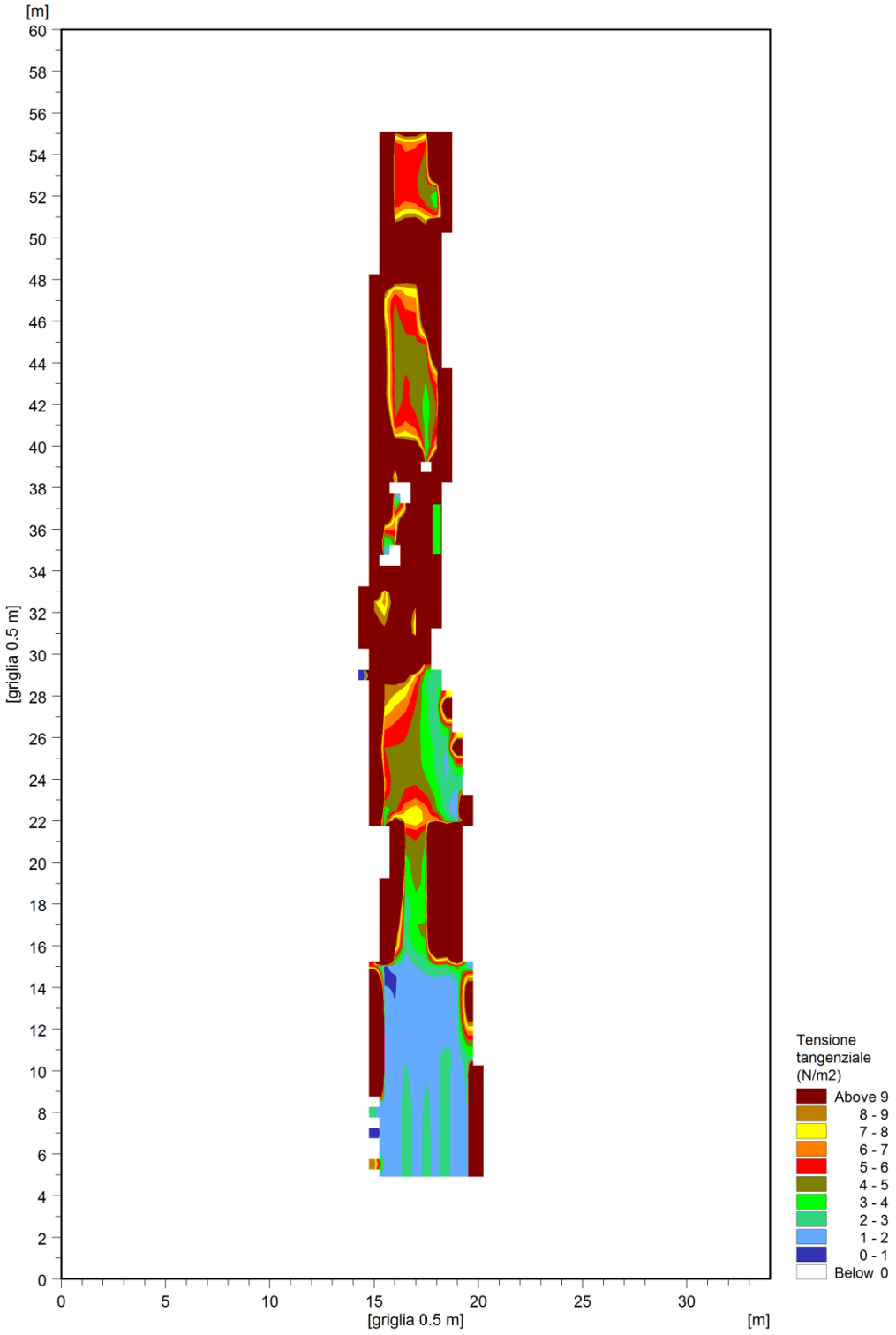
REZZOAGLIO 08 – Q=20 l/s



REZZOAGLIO 08 – Q=700 l/s



CROSA SCURA 11 Q= 10 l/s

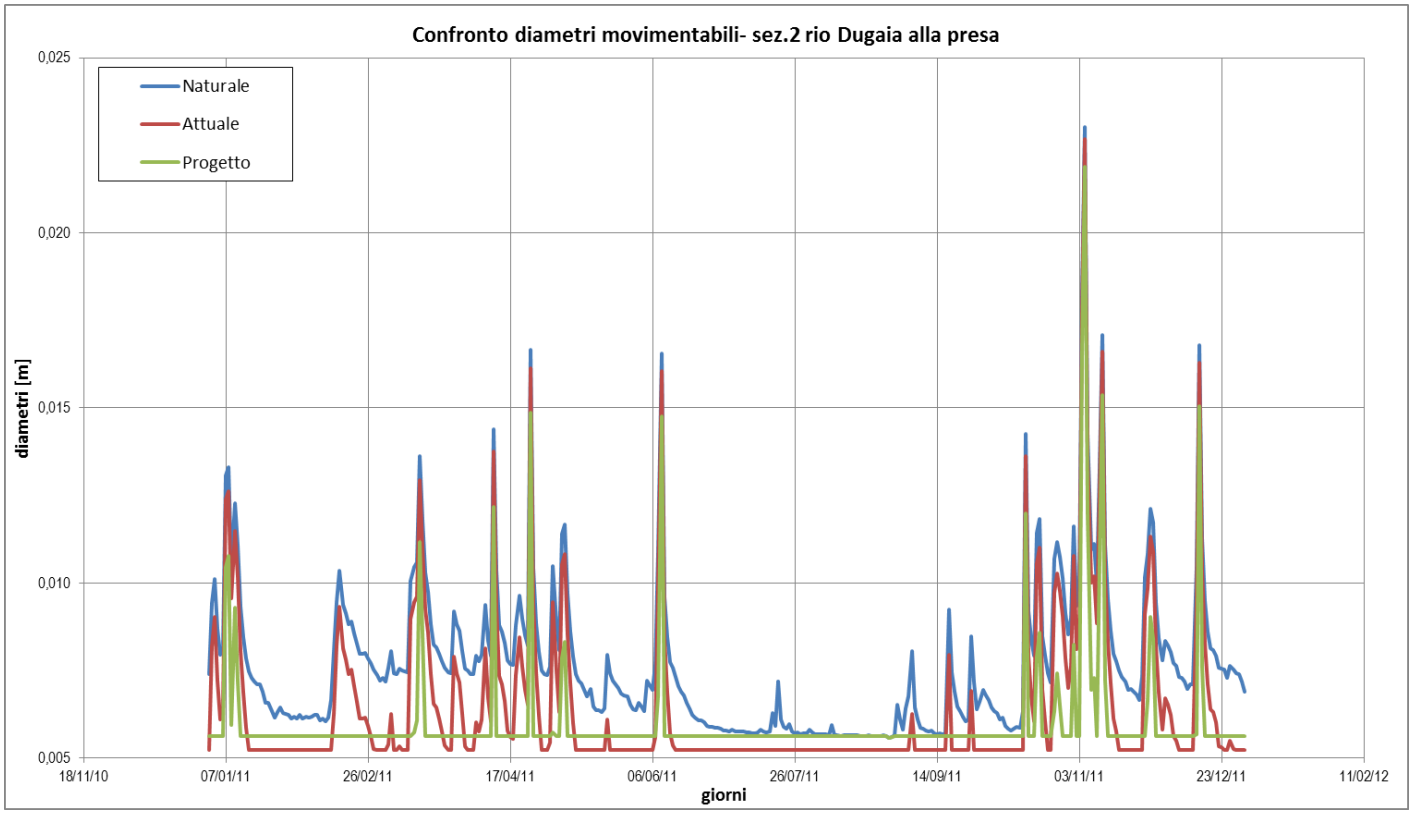


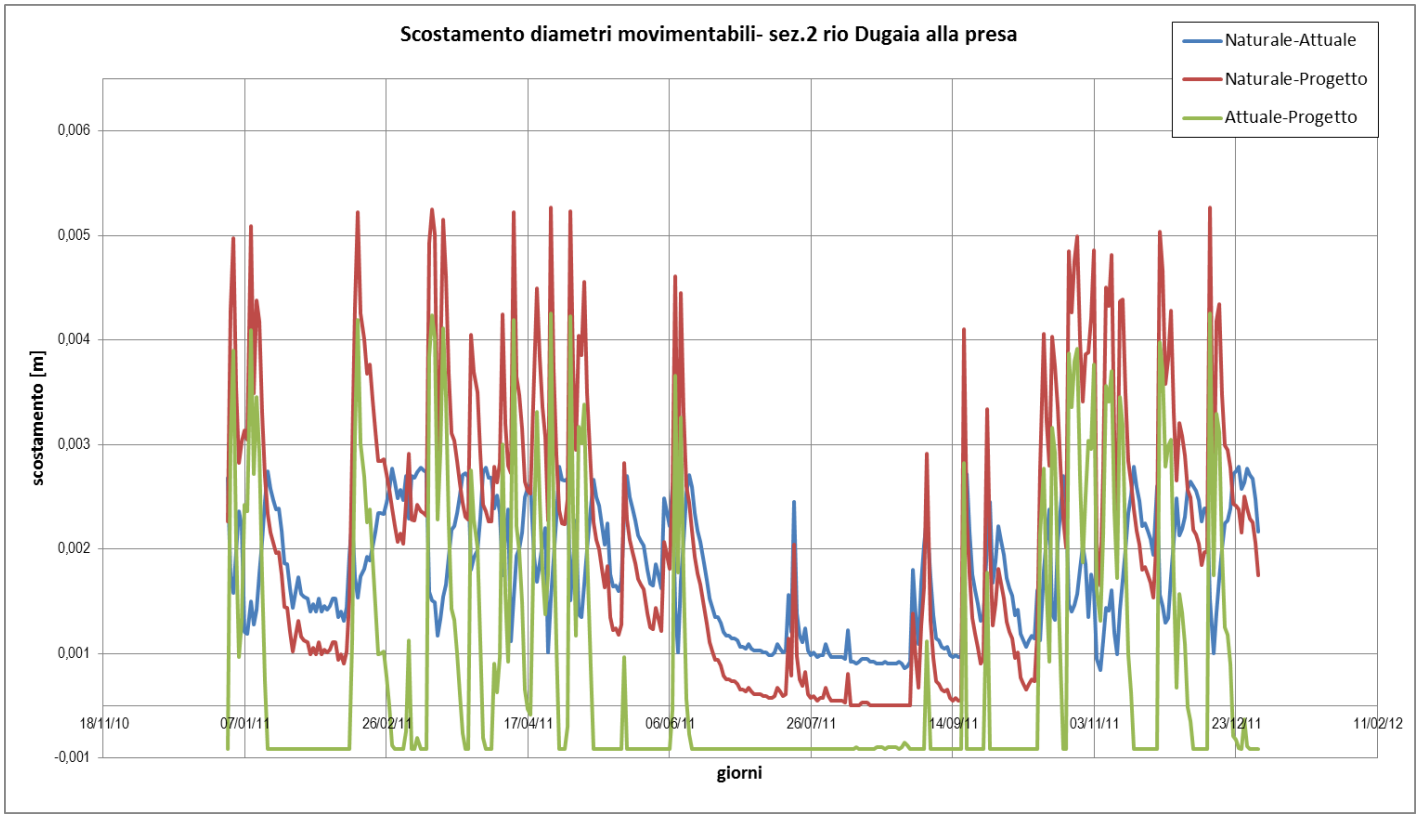
CROSA SCURA 11 Q= 500 l/s

ALLEGATO 5 – Analisi dei fenomeni relativi ai sedimenti

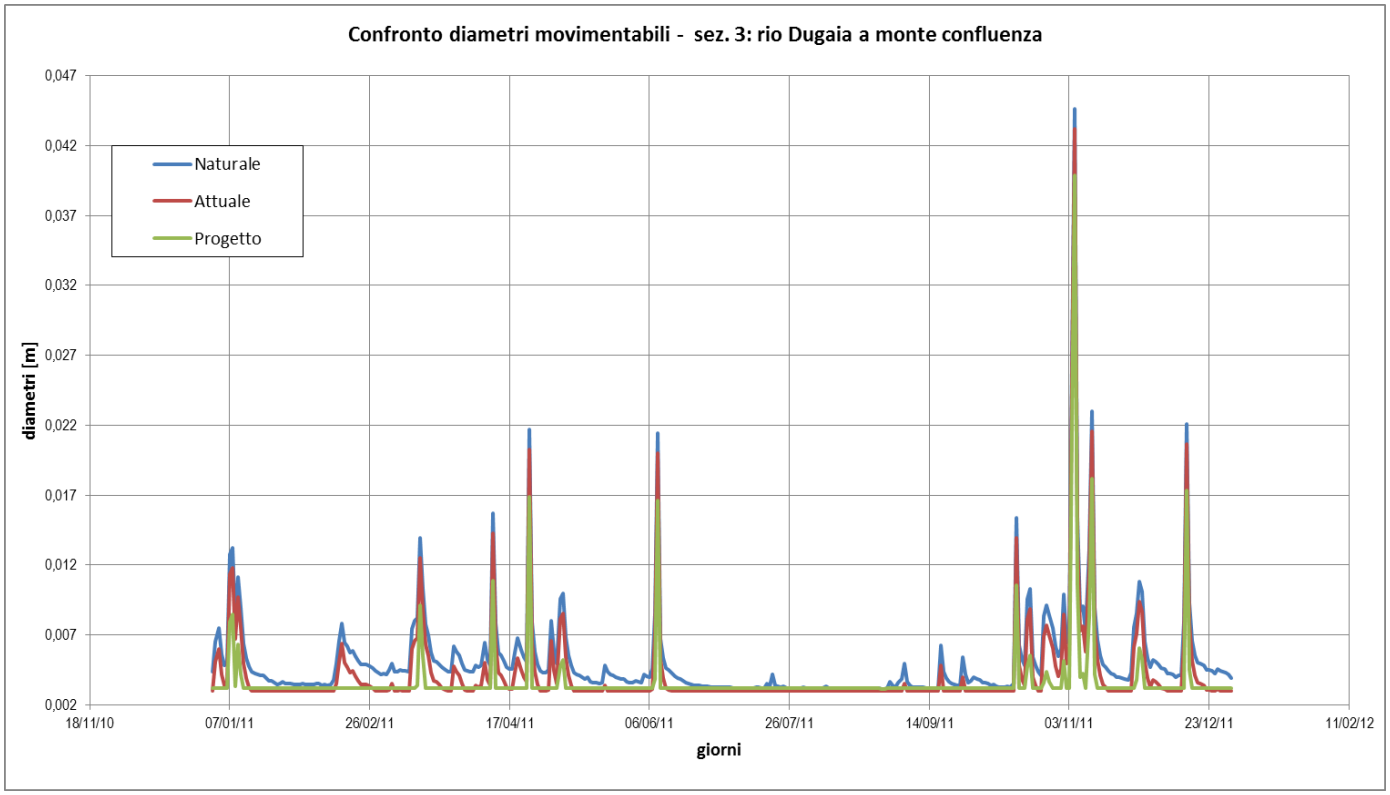
Allegato 5.3 – Andamenti giornalieri dei diametri di moto incipiente in funzione della portata e delle relative differenze tra lo scenario naturale e gli scenari attuale e di progetto

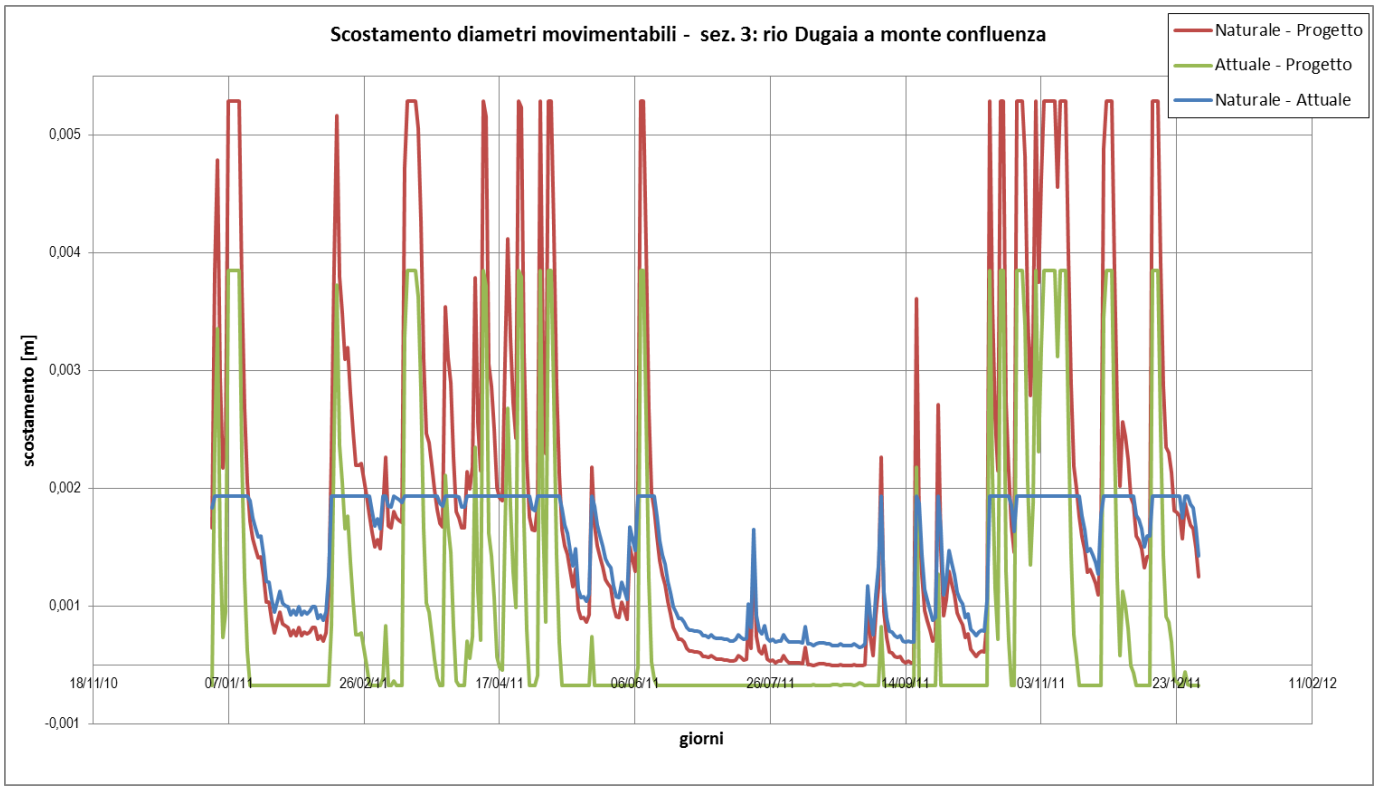
DUGAIA 02


Confronto diametri movimentabili- sez.2 rio Dugaia alla presa
Naturale
Attuale
Progetto
diametri [m]
0,025
0,020
0,015
0,010
0,005
18/11/10
07/01/11
26/02/11
17/04/11
06/06/11
26/07/11
14/09/11
03/11/11
23/12/11
11/02/12
giorni

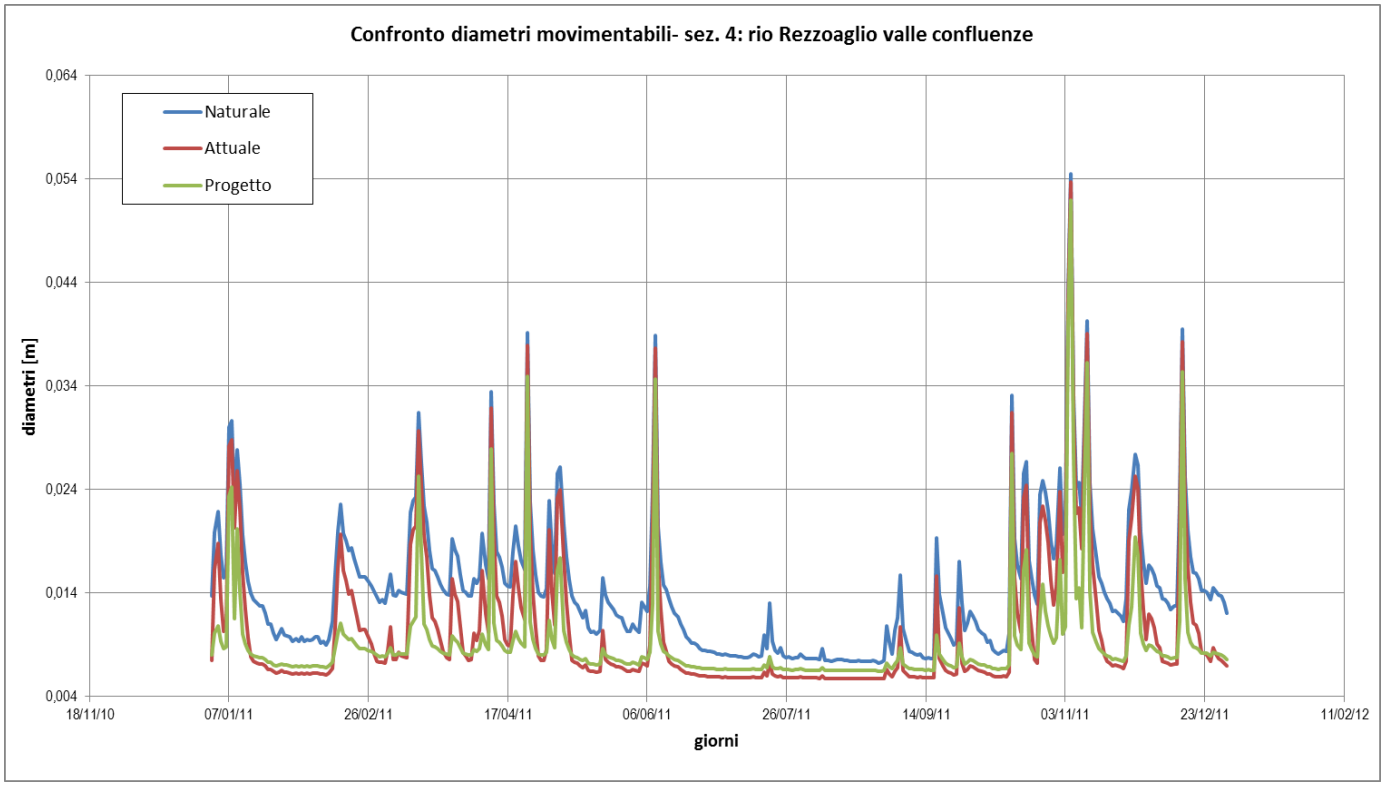

Scostamento diametri movimentabili- sez.2 rio Dugaia alla presa
Naturale-Attuale
Naturale-Progetto
Attuale-Progetto
scostamento [m]
0,006
0,005
0,004
0,003
0,002
0,001
-0,001
18/11/10
07/01/11
26/02/11
17/04/11
06/06/11
26/07/11
14/09/11
03/11/11
23/12/11
11/02/12
giorni

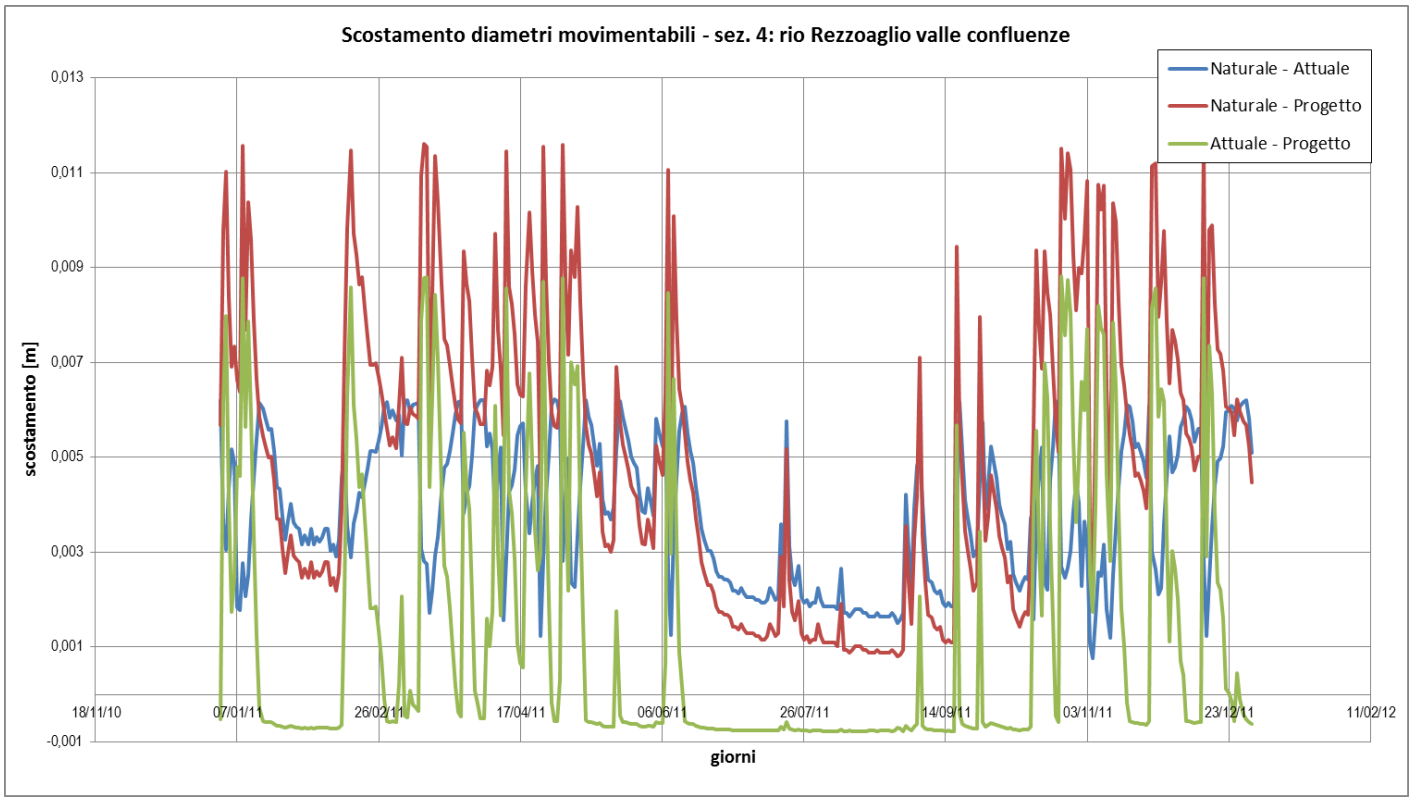
DUGAIA 03


Confronto diametri movimentabili - sez. 3: rio Dugaia a monte confluenza
Naturale
Attuale
Progetto
diametri [m]
0,047
0,042
0,037
0,032
0,027
0,022
0,017
0,012
0,007
0,002
18/11/10
07/01/11
26/02/11
17/04/11
06/06/11
26/07/11
14/09/11
03/11/11
23/12/11
11/02/12
giorni

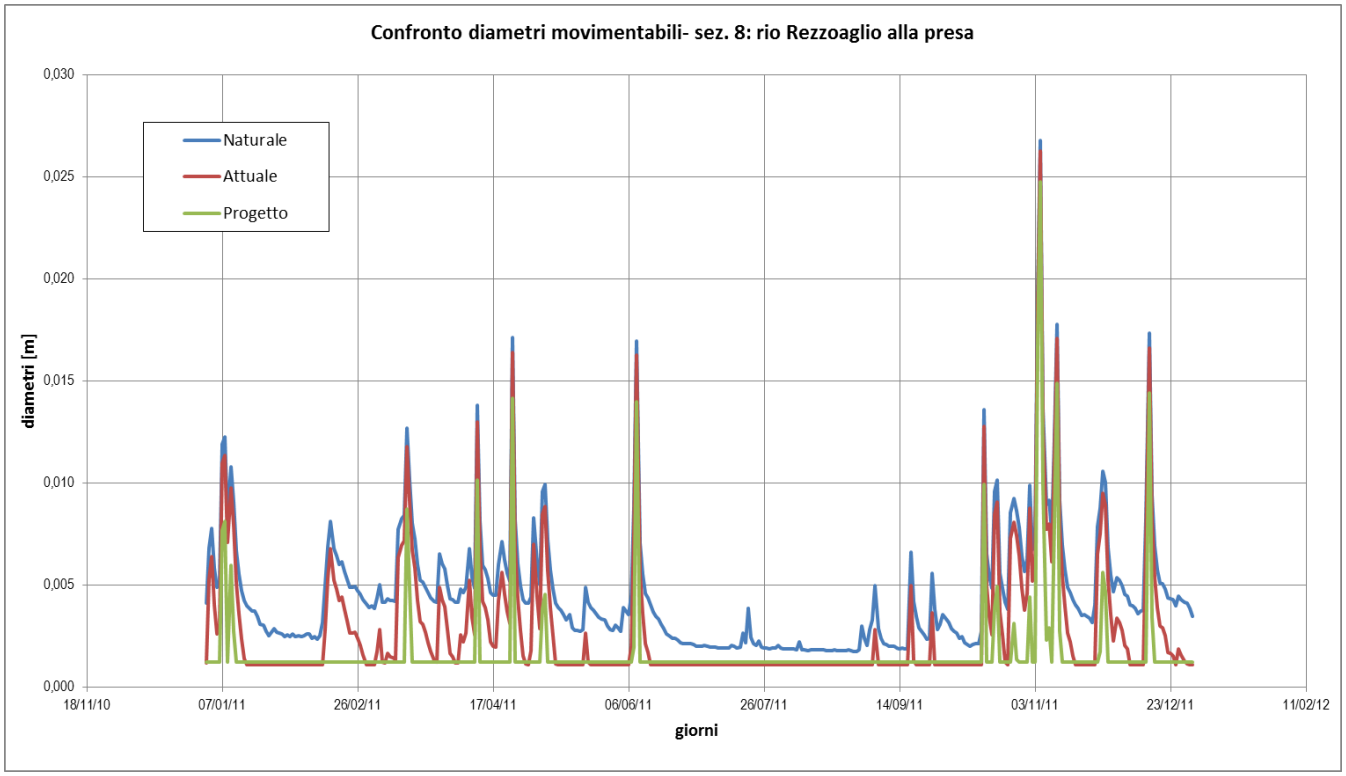

Scostamento diametri movimentabili - sez. 3: rio Dugaia a monte confluenza
Naturale - Progetto
Attuale - Progetto
Naturale - Attuale
scostamento [m]
0,005
0,004
0,003
0,002
0,001
-0,001
18/11/10
07/01/11
26/02/11
17/04/11
06/06/11
26/07/11
14/09/11
03/11/11
23/12/11
11/02/12
giorni

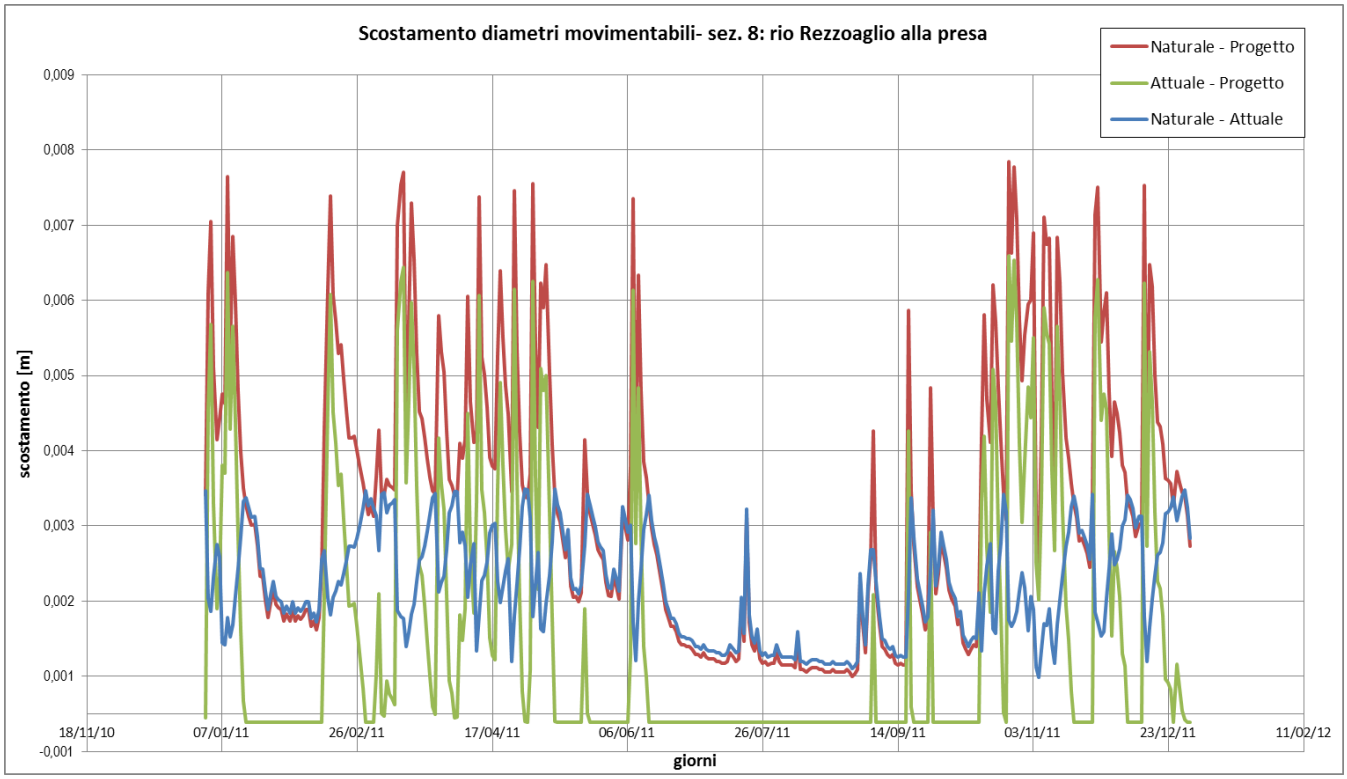
REZZOAGLIO 04





REZZOAGLIO 08





CROSA SCURA 11

