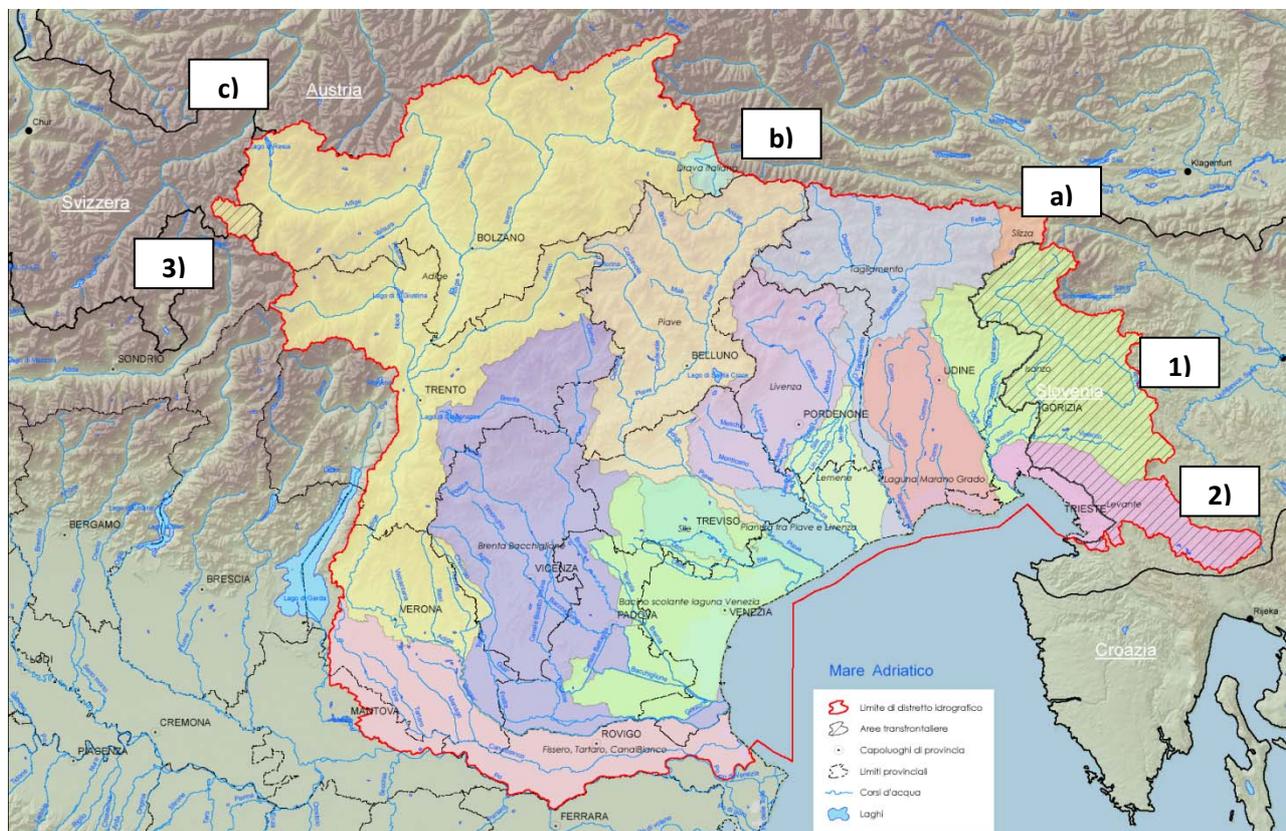


## Eastern Alps River Basin Management Plan - II° ciclo (2015-2021) Transboundary consultation with Austria and Switzerland

### Purpose of the document

The Adige River Basin Authority and the High Adriatic Rivers Basin Authority are currently engaged, in cooperation with the competent regions and autonomous provinces, in the updating of Eastern Alps Rivers Basin Management Plan. The Plan documentation will be published later December 2015.

The Eastern Alps District is one of the international river basin districts identified as provided by art. 3, paragraph 3, of the Water Framework Directive.



In fact, with reference to Figure 2:

1. Two thirds of the territory of the Isonzo river basin fall in Slovenia while only the remaining third part, roughly coinciding with the Torre sub-basin and the plain area of the lower Isonzo, is located on the Italian territory;
2. Levante basin, constituting the Karst area of Gorizia and Trieste, is part of a larger area commonly known as "Classical Karst", extending on either side between the Italian and Slovenian borders;
3. the Adige River basin extends, although for a very small portion, in the territory of the Swiss Confederation.

Then there are three more mountainous areas of small surface falling in Italian territory but belonging, from an hydrological point of view, to the Danube district.

These are in particular:

- a) the Slizza river basin, located at the northeastern end of the Italian territory, near the Austrian-Slovenian-Italian border;
- b) a small part of the basin of the river Drava, between the Adige river basin and the Piave river basin, near the Italian-Austrian border, forming the extreme part of eastern Pustertal (160 square kilometers).
- c) small portions of the Inn river basin, covering an area of just 21 square kilometers.

At present, no institutional tools exist for transboundary consultation with the Republic of Austria and the Swiss Confederation, in order to implement the Water Framework Directive.

To this end, Ministry for the Environment, Land and Sea launched a special initiative aimed at developing appropriate protocols for the definition of cross-border consultation between Italy and neighboring countries.

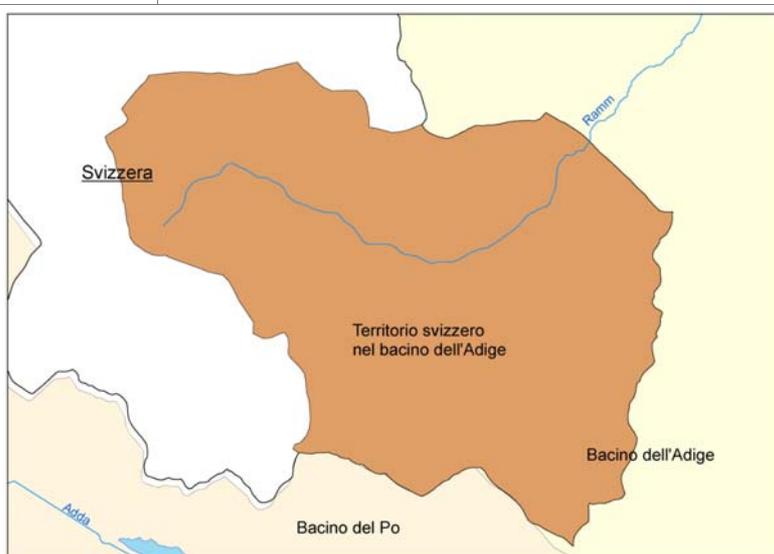
Waiting for development of this initiative, the purpose of the document is to give fulfillment to the obligations of cross-border coordination under art. 3, paragraph 5 and article. 13, paragraph 2, of the Water Framework Directive, particularly with regard to Austria and to the Swiss Confederation.

This document does not concern issues regarding Italian-Slovenian consultation (territories referred to points 1) and 2) in fig. ...) as these issues are addressed in the Joint Commission between Italy and Slovenia for the water management, established following the Osimo Accord.

**Eastern Alps River Basin Management Plan - II° cicle (2015-2021)**

**Transboundary consultation**

<b>River basin name:</b>	<b>Adige River Basin (Ram River Sub-basin)</b>
<b>River basin description and transboundary issues</b>	<p>The Adige River basin, the biggest river basin of Eastern Alps District, extends, for a small portion (approximately 186 square kilometers), in the territory of the Swiss Confederation. The transboundary portion is represented by Rio Ram (Valle Monastero) basin (also called Rio Rom) that springs at the Ofen Pass (Ofenpass) in Switzerland and, crossing the Val Müstair / Münstertal, flows after 21 Km into the river Adige.</p> <p>In Italy Rio Ram has been identified by the competent Autonomous Province of Bolzano as a water body with the code IT21A.420 (district code ITARW02AD31300010BZ).</p> <p>Ecological and Chemical state of this water body are good. No relevant pressures have been identified.</p>
<b>Italian competent Authority:</b>	Provincia Autonoma di Bolzano
<b>Member/Non Member State interested:</b>	Switzerland



**Water bodies and water quality**

EUSURFACE WATERBODY CODE	CATEGORY	NAME	N/HMWB/A	ECO	CHEM
IT21A.420	RW	Rio Ram (Valle Monastero)	Natural	<b>Good</b>	<b>Good</b>

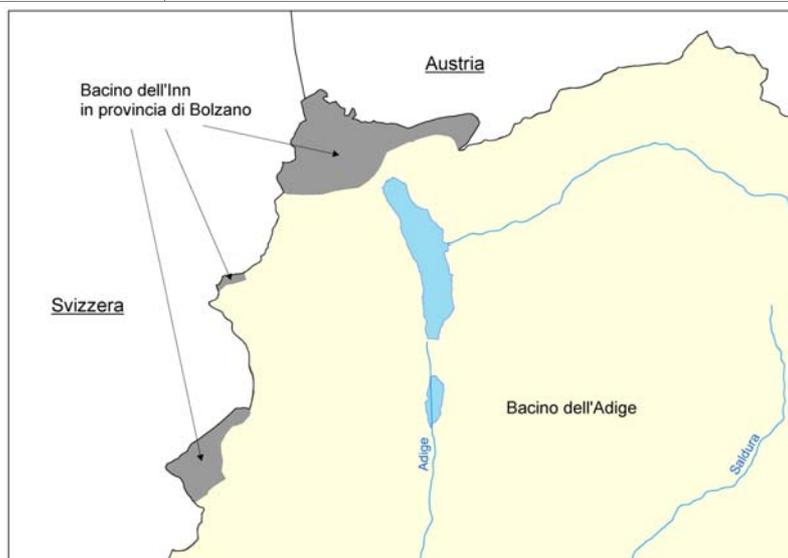
**Water bodies, relevant pressures and proposed measures**

EUSURFACE WATERBODY CODE	NAME	ECO	CHEM	RELEVANT PRESSURES	PROPOSED MEASURES
IT21A.420	Rio Ram (Valle Monastero)	<b>Good</b>	<b>Good</b>	No relevant pressures	

**Eastern Alps River Basin Management Plan - II° ciclo (2015-2021)**

**Transboundary consultation**

<b>River basin name:</b>	<b>Inn River Basin</b>
<b>River basin description and transboundary issues</b>	<p>On Italian territory there are further areas belonging to Danube district, sub-basin of the River Inn.</p> <p>These areas are very small and are located near the border with the Austrian and Helvetic cross border.</p> <p>All water bodies included in these areas have have small catchment (less then 10 square kilometers); therefore they have not been typed and not monitored.</p> <p>It should be emphasized that, however, all areas are located at high altitude, do not show significant anthropogenic pressures and, for these reasons, do not seem able to determine, in respect of the downstream territories, particular problems.</p> <p>It should only highlighted the presence at Reschenpass of infrastructures and human activities related to the presence of the mountain pass.</p>
<b>Italian competent Authority:</b>	Provincia Autonoma di Bolzano
<b>Member/Non Member State interested:</b>	Austria and Switzerland



**Water bodies and water quality**

EUSURFACE WATERBODY CODE	CATEGORY	NAME	N/HMWB/A	ECO	CHEM
No water body identified					

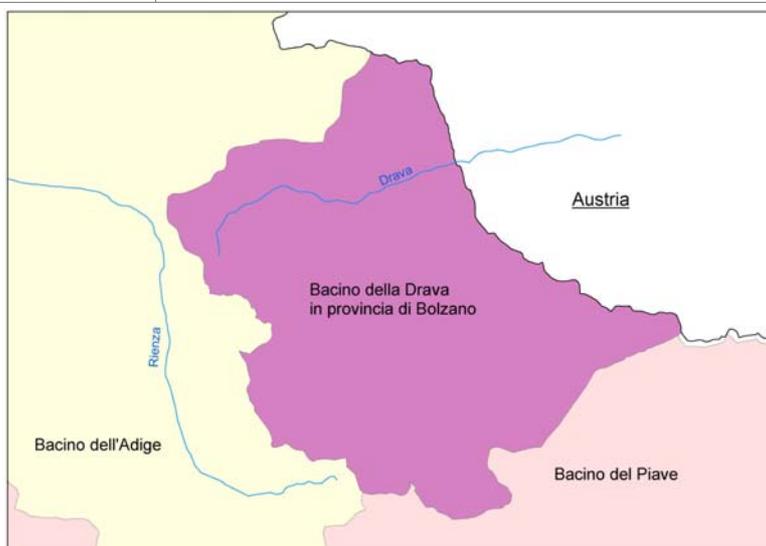
**Water bodies, relevant pressures and proposed measures**

EUSURFACE WATERBODY CODE	NAME	ECO	CHEM	RELEVANT PRESSURES	PROPOSED MEASURES
No water body identified					

**Eastern Alps River Basin Management Plan - II° cycle (2015-2021)**

**Transboundary consultation**

<b>River basin name:</b>	<b>Drava River Basin</b>
<b>River basin description and transboundary issues</b>	<p>The territory of the Drava river basin of the river Drava, belonging to the drainage basin of the Danube, extends into Italian territory (Autonomous Province of Bolzano) for only 160 square kilometers.</p> <p>The river rises in the Pustertal between Dobbiaco and San Candido and, after about 10 Km, cross the Italian-Austrian border.</p> <p>The major tributary is the Rio Sesto, having also the greater part of the catchment area of the Drava in Italian territory.</p> <p>It should be noted that the Drava river receives locally wastewater of Sesto and San Candido towns, properly treated in the biological plant of Winnebach, built in 1998. This sewage treatment plant has a tertiary stage for the removal of nutrients and respects the limits set for sensitive areas.</p> <p>The monitoring of water bodies in the Italian territory shows no particular problems on water status (see following Tables)</p>
<b>Italian competent Authority:</b>	Provincia Autonoma di Bolzano
<b>Member/Non Member State interested:</b>	Austria



**Water bodies and water quality**

EUSURFACE WATERBODY CODE	CATEGORY	NAME	N/HMWB/A	ECO	CHEM
IT21J.105.15	RW	Rio Ixen (Valle Campo di dentro)	Natural	No relevant pressures	No relevant pressures
IT21J.105.40a	RW	Rio Fiscalina: origine - circa 1 km sopra Funivie Croda Rossa	Natural	No relevant pressures	No relevant pressures
IT21J.105.40b	RW	Rio Fiscalina: circa 1 km sopra Funivie Croda Rossa - foce	Natural	Good	Good
IT21J.105a	RW	Rio di Sesto: origine - confluenza Rio Fiscalina	Natural	No relevant pressures	No relevant pressures
IT21J.105b	RW	Rio di Sesto: confluenza Rio Fiscalina - bacino idroelettrico Sesto	Natural	Good	Good
IT21J.105c	RW	Rio di Sesto: bacino idroelettrico Sesto - foce	Natural	No relevant pressures	No relevant pressures
IT21J.20	RW	Rio del Monte della Chiesa	Natural	Good	No relevant pressures
IT21Ja	RW	Fiume Drava: origine - restituzione centrale idroelettrica	Natural	No relevant pressures	No relevant pressures

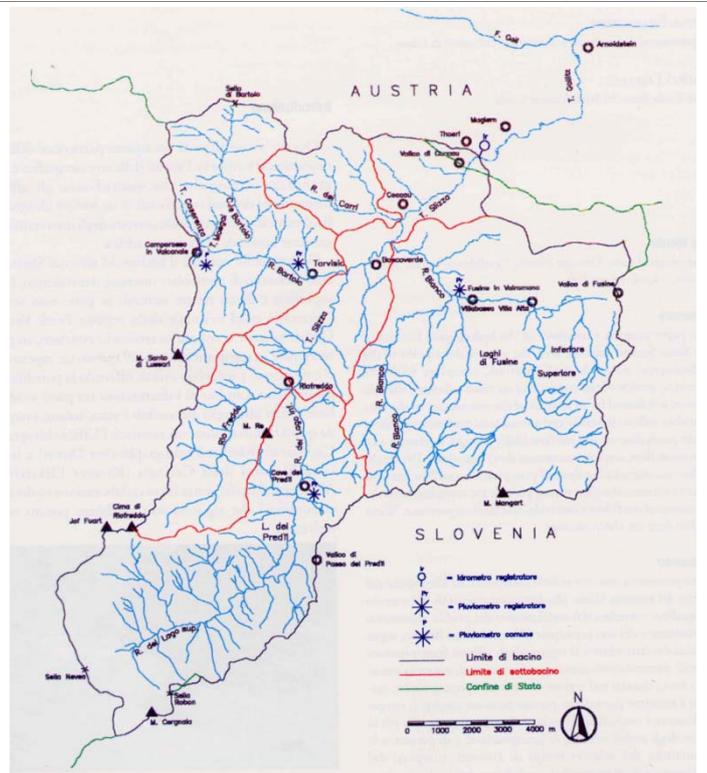
EUSURFACE WATERBODY CODE	CATEGORY	NAME	N/HMWB/A	ECO	CHEM
IT21Jb	RW	Fiume Drava: restituzione centrale idroelettrica - confine di stato	Natural	Good	Good

### Water bodies, relevant pressures and proposed measures

EUSURFACE WATERBODY CODE	NAME	ECO	CHEM	RELEVANT PRESSURES	PROPOSED MEASURES
IT21J.105.15	Rio Ixen (Valle Campo di dentro)	No relevant pressures	No relevant pressures	No relevant pressures	
IT21J.105.40a	Rio Fiscalina: origine - circa 1 km sopra Funivie Croda Rossa	No relevant pressures	No relevant pressures	No relevant pressures	
IT21J.105.40b	Rio Fiscalina: circa 1 km sopra Funivie Croda Rossa - foce	Good	Good	No relevant pressures	
IT21J.105a	Rio di Sesto: origine - confluenza Rio Fiscalina	No relevant pressures	No relevant pressures	No relevant pressures	
IT21J.105b	Rio di Sesto: confluenza Rio Fiscalina - bacino idroelettrico Sesto	Good	Good	No relevant pressures	
IT21J.105c	Rio di Sesto: bacino idroelettrico Sesto - foce	No relevant pressures	No relevant pressures	No relevant pressures	
IT21J.20	Rio del Monte della Chiesa	Good	No relevant pressures	No relevant pressures	
IT21Ja	Fiume Drava: origine - restituzione centrale idroelettrica	No relevant pressures	No relevant pressures	No relevant pressures	
IT21Jb	Fiume Drava: restituzione centrale idroelettrica - confine di stato	Good	Good	No relevant pressures	

**Transboundary consultation**

<p><b>River basin name:</b></p>	<p><b>Slizza River Basin</b></p>
<p><b>River basin description and transboundary issues</b></p>	<p>The Slizza river basin belongs, from a hydrological point of view, to the Danube district.</p> <p>The river flows into the river Gail near the town of Arnoldstein (Austria). The water collected from Slizza catchment are then delivered to the Black Sea through the rivers Gail, Drava, Sava and Danube.</p> <p>Slizza river basin surface, measured at the confluence of river Gail, is about 214 square kilometers; 188 square kilometers, equaling 88% of the total area, is developed in the Italian territory, interesting a large part of the municipality of Tarvisio. The Italian portion of the basin is bordered to the east by the Republic of Slovenia and to the north by the Austrian federal state of Carinthia.</p> <p>The possible cross-border interest in the Slizza river basin, particularly by the Republic of Austria, is derived from the possible transfer, through water matrix, of pollutants into emissary Gail.</p> <p>In fact, Slizza river was interested, for a long period, by persistent pollution caused by the release of mining process waste; such mining activity, located near the Lake of Predil, ceased in 1991 with the closure of the extraction cycle.</p> <p>Currently the area of the mine, located at an altitude of 890 m above sea level and 1.5 Km far from the Slovenian border, is interested by external deposits constituting residues of the extracted material (derived from zinc and lead).</p> <p>The migration of pollutants can occur through surface runoff.</p> <p>It must be highlighted that Slizza waterbody (code IT0602SS3T7) reaches the Austrian border with good chemical and ecological status.</p>
<p><b>Italian competent Authority:</b></p>	<p>Regione Autonoma Friuli Venezia Giulia</p>
<p><b>Member/Non Member State interested:</b></p>	<p>Austria</p>



## Water bodies and water quality

EUSURFACE WATERBODY CODE	CATEGORY	NAME	N/HMWB/A	ECO	CHEM
IT0602EP8T11	RW	Rio del Lago	Natural	Unknown	Unknown
IT0602EP8T12	RW	Rio del Lago	Natural	Unknown	Unknown
IT0602EP8T4	RW	Rio Bianco	Natural	Unknown	Unknown
IT0602SS1T110	RW	Rio del Lago	Natural	Bad	No relevant pressures
IT0602SS1T146	RW	Canale Bartolo	Natural	Good	No relevant pressures
IT0602SS1T149	RW	Canale Bartolo	Heavily Modified	Moderate	No relevant pressures
IT0602SS1T5	RW	Rio Freddo	Natural	Good	No relevant pressures
IT0602SS1T6	RW	Rio Bianco	Natural	Good	No relevant pressures
IT0602SS1T7	RW	Rio Vaisonz	Natural	Unknown	No relevant pressures
IT0602SS1T8	RW	Canale dei Carri	Natural	Good	No relevant pressures
IT0602SS2T10	RW	Rio Bianco	Natural	Good	No relevant pressures
IT0602SS2T157	RW	Rio del Lago	Heavily Modified	Moderate	Unknown
IT0602SS2T3	RW	Torrente Slizza	Natural	Good	Unknown
IT0602SS2T42	RW	Torrente Slizza	Natural	Good	Good
IT0602SS2T9	RW	Rio del Lago	Natural	Good	Good
IT0602SS3T11	RW	Torrente Slizza	Heavily Modified	Unknown	Unknown
IT0602SS3T7	RW	Torrente Slizza	Natural	Good	Good
IT06AL-71	LW	Lago del Predil	Natural	Unknown	Unknown
IT06AL-72	LW	Lago Superiore di Fusine	Natural	Unknown	Unknown
IT06AL-73	LW	Lago Inferiore di Fusine	Natural	Unknown	Unknown

## Water bodies, relevant pressures and proposed measures

EUSURFACE WATERBODY CODE	NAME	ECO	CHEM	RELEVANT PRESSURES	PROPOSED MEASURES
IT0602EP8T11	Rio del Lago	Unknown	Unknown	<i>No relevant pressures</i>	
IT0602EP8T12	Rio del Lago	Unknown	Unknown	<i>No relevant pressures</i>	
IT0602EP8T4	Rio Bianco	Unknown	Unknown	<i>No relevant pressures</i>	
IT0602SS1T110	Rio del Lago	Bad	No relevant pressures	3.6 Abstraction/Flow Diversion - other	Instream Flow
IT0602SS1T146	Canale Bartolo	Good	No relevant pressures	<i>No relevant pressures</i>	
IT0602SS1T149	Canale Bartolo	Moderate	No relevant pressures	<b>1.1 Point - Urban waste water</b>	in the course of deepening
				<b>4.2.2 Dams, barriers and locks for flood protection</b>	in the course of deepening
				<b>4.1.1 Physical alteration of channel/bed/riparian area/shore of water body for flood protection</b>	in the course of deepening
IT0602SS1T5	Rio Freddo	Good	No relevant pressures	<i>No relevant pressures</i>	
IT0602SS1T6	Rio Bianco	Good	No relevant pressures	<i>No relevant pressures</i>	

EUSURFACE WATERBODY CODE	NAME	ECO	CHEM	RELEVANT PRESSURES	PROPOSED MEASURES
IT0602SS1T7	Rio Vaisonz	Unknown	No relevant pressures	<i>No relevant pressures</i>	
IT0602SS1T8	Canale dei Carri	Good	No relevant pressures	<i>No relevant pressures</i>	
IT0602SS2T10	Rio Bianco	Good	No relevant pressures	<i>No relevant pressures</i>	
IT0602SS2T157	Rio del Lago	Moderate	Unknown	1.1 Point - Urban waste water	in the course of deepening
				<b>2.5 Diffuse - Contaminated sites/Abandoned industrial sites</b>	Progetto di messa in sicurezza permanente dei bacini di sedimentazione delle scorie della miniera di Raibl - Cave del Predil in Comune di Tarvisio
				<b>4.1.1 Physical alteration of channel/bed/riparian area/shore of water body for flood protection</b>	in the course of deepening
IT0602SS2T3	Torrente Slizza	Good	Unknown	<i>No relevant pressures</i>	
IT0602SS2T42	Torrente Slizza	Good	Good	<i>No relevant pressures</i>	
IT0602SS2T9	Rio del Lago	Good	Good	<i>No relevant pressures</i>	
IT0602SS3T11	Torrente Slizza	Unknown	Unknown	<b>4.1.1 Physical alteration of channel/bed/riparian area/shore of water body for flood protection</b>	in the course of deepening
IT0602SS3T7	Torrente Slizza	Good	Good	<i>No relevant pressures</i>	
IT06AL-71	Lago del Predil	Unknown	Unknown	<i>No relevant pressures</i>	
IT06AL-72	Lago Superiore di Fusine	Unknown	Unknown	<i>No relevant pressures</i>	
IT06AL-73	Lago Inferiore di Fusine	Unknown	Unknown	<i>No relevant pressures</i>	