

Report on the water quality samples collected in Italian site

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Contributing partners:

LP – UNIPD DICEA

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1. Water quality of samples

1.2 Monitoring of surficial water quality

Electro conductivity (EC) values of Brenta and Bacchiglione rivers were recorded at different dates during August and September 2019. EC logs showed high variability between recording dates (Figure 1).

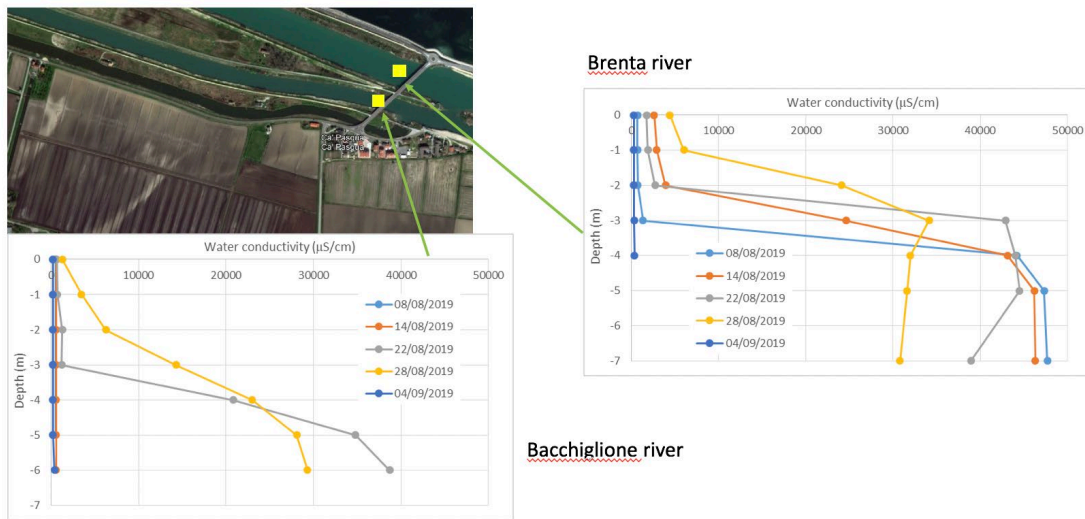


Figure 1: August 2019: Electrical Conductivity in the Brenta and Bacchiglione rivers

Electro conductivity (EC) values of Morto channel were recorded during August at 3 different locations. EC was higher at the channel bottom (Figure 2)

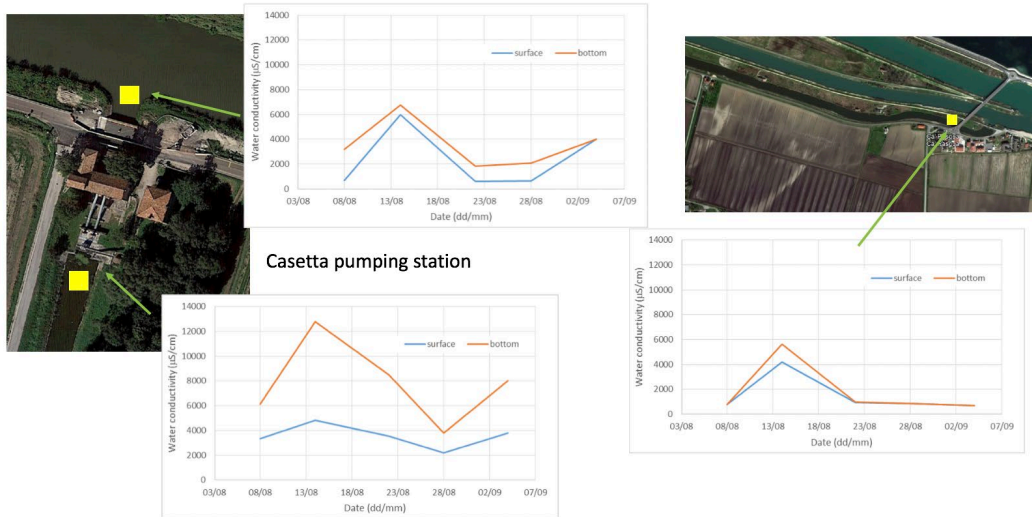


Figure 2: August 2019 - Morto Channel Electrical Conductivity (EC)

2. Collecting water samples

Water samples collected during 2019 were analyzed for cations (Ca^{2+} , Mg^{2+} , K^+ , Na^+ , NH_4^+) and anions (Cl^- , Br^- , SO_4^{2-} , F^- , NO_3^- , NO_2^- , PO_4^{3-}) concentrations (mg/l).