

Salinization and Drought in Coastal Aquifers:

From Monitoring to Sustainable Management

THURSDAY, MARCH 5TH, 2026, 13:45-18:00

[CNR-IGG headquarters, Corso Stati Uniti n.4, Padua \(PD\)](#)

The mini-conference “Salinization and Drought in Coastal Aquifers: From Monitoring to Sustainable Management”, organised within the SWAMrisk project, focuses on the impacts of climate change on coastal groundwater systems, including salinization processes and increasing drought pressures.

The event is open to all interested participants and encourages discussion aimed at the capitalisation of project results, exchange of good practices, and identification of solutions applicable in water management and climate adaptation.

REGISTRATION



JOIN US !

We invite all interested professionals, stakeholders and community representatives to complete the registration form and take part in this event.

**the number of participants is limited. Registration deadline: February 25th*



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CNR-IGG HEADQUARTERS Corso Stati Uniti n.4, Padua (PD)

Agenda

13:45-14:10	Registration
14:10-14:25	Jadran Čarija - FGAG - University of Split, Croatia "Two parametric analytical framework for salt wedge upper layer salinity assessment in microtidal estuary" (In person)
14:25-14:40	Pablo Agustín Yaciuk - CNR-IGG, Padua "From Sparse, Discontinuous Monitoring to Supersites: High-Resolution Observations of Saltwater Intrusion in a Multilayer Coastal Aquifer System Between the Brenta and Adige Rivers" (In person)
14:40-14:55	Pietro Teatini - M3E S.R.L., Padua "Land reclamation and environmental issues in low-lying coastal farmlands: processes and numerical modelling" (In person)
14:55-15:10	Iva Aljinović - FGAG - University of Split, Croatia "Seawater-freshwater interface dynamics driven by upstream freshwater discharge and tidal oscillations in highly stratified microtidal estuary" (In person)
15:10-15:30	Eleonora Carol - CONICET - Universidad Nacional de La Plata, Argentina "Influence of Present and Past Climatic Conditions on the Development of Freshwater Lenses in Environments of the Argentine Atlantic Coast" (Online)
15:30-15:50	Svjetlana Stanić-Koštroman - University of Mostar, Bosnia and Herzegovina "Bioassessment and Ecological Status of Surface Waters in the Adriatic Sea Basin of Bosnia and Herzegovina: Implications for Climate Risk Management" (Online)
15:50-16:20	COFFEE BREAK
16:20-16:45	Ivo Andrić - FGAG - University of Split, Croatia "Drought Monitoring for Sensitive Coastal Karst Aquifers: Adaptive Water Use on the Self-Supplied Island of Vis (Croatia)" (In person)
16:45-17:15	Nicolò Colombani - SIMAU - Università delle Marche, Ancona "Unravelling salinity origins from micro to macro-scale in coastal landscapes of the Po River" (In person)
17:15-17:40	Maurizio Polemio - CNR-IRPI, Bari "Coastal groundwater resources at salinization risk under global change: a management modelling approach" (In person)
17:40-18:00	Q&A and Conclusions



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