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NEWSLETTER

2025 NO.1

RESources in Coastal groundwater Under hydroclimatic Extremes (RESCUE)

MEET THE RESCUE TEAM

Rescuing Freshwater From Under the Sea

International partners in the project RESources in Coastal groundwater Under hydroclimatic Extremes (RESCUE), funded by Water 4 All and co-funded by the European Union, have held the mid-term meeting in Trieste, Italy, providing an important opportunity for discussion to advance the search for innovative and sustainable solutions on water resource management.

The three-day meeting took place at the University of Trieste (UNITS), which coordinates the Project, from **8 to 10 September 2025.** RESCUE also includes partners National Institute of Oceanography and Applied Geophysics – OGS, Ruden AS, University of Malta and University of Derby.

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The primary objective of the RESCUE project is to build knowledge of deep-coastal and offshore low salinity aquifers in European coastal areas, to evaluate novel water resources and to help secure a steady supply of water to both population and industry in times of hydroclimatic extremes.

RESCUE website

RESources in Coastal groundwater Under hydroclimatic Extremes

RESCUE at Trieste Next Science Festival

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The RESCUE Project was a highlight for the stand of the National Institute of Oceanography and Applied Geophysics – OGS at the Trieste Next scientific research festival in the city, which ran from **26 to 28 September 2025.** The event on

Piazza Unità hosted a range of activities, workshops, games and conferences across three days of science and fun. A model of the water cycle demonstrated the correlation between the domestic consumption of water and the supply, highlighting the potential imbalance and scarcity of water that can occur in our environment.

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New England Shelf Hydrogeology - Expedition 501

In **May 2025**, the "New England Shelf Hydrogeology – Expedition 501" was launched, conducted by the European Consortium for Ocean Research Drilling (ECORD), and the result of a collaboration between the International Ocean Drilling Programme (IODP³) and the National Science Foundation (NSF) of the United States. The mission, which also included RESCUE's **Cristina Corradin** of OGS and **Aaron Micallef** of University of Malta, involved 41 scientists from 13 different nations. The expedition studied the presence of brackish water off the coast of New England and drew coverage from US news outlets CNN and CBS. The offshore phase has now concluded, with Cristina Corradin going on to participate in the onshore study phase, which will take place from **January 2026.**

RESCUE Discusses Offshore Groundwater in Italian Media

The daily newspaper of Bologna, il Resto del Carlino, one of the oldest and widely circulated in Italy, made drilling for offshore freshened groundwater (OFG) the hot topic of discussion in its Chronicle section in **October 2025**.
Angelo Camerlenghi, Research Director at the National Institute of Oceanography and Applied Geophysics – OGS, and part of the Project team of RESCUE, provided the interview. In **December 2025**, he went on to provide additional interviews for the Neapolitan newspaper, Il Denaro, and Radio Pico.

Read Article 1
Read Article 2

RESCUE at XIX World Water Congress

On **2 December**, partners within the seminal Project RESources in Coastal groundwater Under hydroclimatic Extremes (RESCUE), funded by Water 4 All and co-funded by the European Union, participated in a highly successful side-event co-organised with the OFF-SOURCE COST Action at the XIX World Water Congress in Marrakech, Morocco. Hosted by the International Water Research Association (IWRA) and the Ministry of Equipment and Water of the Kingdom of Morocco, under the High Patronage of His Majesty King Mohammed VI, the XIX World Water Congress took place from 1 to 5 December 2025, under the theme "Water in a Changing World: Innovation and Adaptation".

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