

# MEDSAL - PRIMA Project

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## ***Common International Conference on “Integrated Groundwater Management of Mediterranean Coastal Aquifers” of Sustain-COAST and MEDSAL PRIMA Projects - Chania (Crete Island, Greece) - 27th - 30th September 2022***

The Common International Conference on “Integrated Groundwater Management of Mediterranean Coastal Aquifers” of the Sustain-COAST and MEDSAL PRIMA Projects has been held in Chania (Crete Island, Greece) from 27th to 30th September 2022.

The official authorities of Chania city and Mr Marco Orlando, the PRIMA Project Officer, greeted the attendees and opened the conference proceedings. The coordinators, Prof. Dr George Karatzas (Sustain-COAST) and Dr Evangelos Tziritis (MEDSAL), presented the two projects to the audience.

The conference included eight technical sessions and thirty-one presentations, covering a broad spectrum of topics related to coastal aquifers. Specifically, the topics addressed included:

- Tools and methods for groundwater salinization and/or overall quality assessment (hydrogeology, hydrogeochemistry, environmental isotopes, monitoring, modelling, artificial intelligence and geostatistics),
- Tools and methods for groundwater monitoring of coastal aquifers (ICT tools, multiprobe sensors, web-GIS applications, integrated telemetric observatories),
- Numerical flow and transport modelling for groundwater assessment and sustainable management of coastal aquifers,
- Best practices and innovative technologies for sustainable water management
- Assessment and modelling coastal aquifer susceptibility to salinization and/or other pollution.