



MEDSAL - PRIMA Project

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EGU 2022 - Special Session on Groundwater Salinization organized by MEDSAL Partners

During the last European Geosciences Union (EGU) General Assembly 2022 that was held in Vienna (Austria) on 23-27 May 2022, as MEDSAL partners we organized the Hydrological Science session HS8.2.10 entitled "Dynamics of Groundwater Salinisation".

The Special session aimed at exploring the dynamics of groundwater salinization addressing temporal and spatial dynamics of such hazardous phenomenon in coastal aquifers.

It was coordinated by Prof Christoph Külls of the Technische Hochschule Lübeck (Germany), and co-conveners were Dr Evangelos Tziritis, MEDSAL coordinator and Senior Researcher of the Soil & Water Resources Institute (Greece), Prof Fadoua Hamzaoui of the University of Tunis El Manar (Tunisia), Prof Maria Dolores Fidelibus and Prof Gabriella Balacco of the Polytechnic University of Bari (Italy).

During the Special Session, 19 scientific contributions concerning different topics related to groundwater salinization and which involved more than 80 researchers from several national and international universities and research institutions were presented. Abstracts are available on the [Official website of the EGU General Assembly 2022](#).

The presentations highlighted the relevance of the topic aiming at a better groundwater management of coastal aquifers, in particular those in arid and semi-arid areas.