

## **T8.4 Korea-Italy Special Session: Monitoring and Management of Coastal aquifers**

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Coastal aquifers are currently under pressure from overexploitation and saltwater intrusion. Population growth and progressive gathering in coastal areas, climate change and sea level rise will increase the pressures and the need for protection and sustainable management of coastal groundwater resources and ecosystems for coastal communities in the future.

The aim of the session is to present the state of art in Korea and Italy in the coastal aquifers monitoring and management. Main topics related to coastal aquifers are: salt water intrusion processes, impact, quantification and exploitation of submarine springs, consequences of the anthropic pressures on coastal areas.

The Italian researchers will present contributions about monitoring, salinization, environmental issues and management of coastal aquifers in southern and central Italy and in the Venetian coastal plain.