25. Salt Water intrusion Meeting, Gdańsk 17-22 June 2018

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Seawater intrusion dynamics monitoring with geophysical techniques combination	Albert Folch
Towards a MAR system for sustainable drinking water production in the Flemish polders (Belgium)	Alexander Vandenbohede
Time-lapse Cross Hole Electrical Resistivity Tomography (CHERT) for Monitoring Seawater Intrusion Dynamics in a Mediterranean Aquifer	Andrea Palacios
Potential for a vast offshore fresh groundwater body in the Gambier Embayment, Australia.	Andrew Charles Knight
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Deep Submarine Groundwater Discharge Facilitated by Seawater Circulation in a Confined Aquifer	Anner Paldor
Short- and Long-Term Salt Water Intrusion in Response to Water Stress and Modified Geology at the Palmyra Atoll National Wildlife Refuge	Barret Kurylyk
Deep submarine groundwater discharge indicated by pore water chloride anomalies in the Gulf of Gdańsk, southern Baltic Sea.	Beata Szymczycha
On the use of COMSOL Multiphysics for seawater intrusion in fractured coastal aquifers	Behzad Mozafari
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Hydrogeological flow paths in coastal areas; a dismissed factor for the delivery of nutrients?	Carlos Dugue
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Seasonal behavior of dissolved inorganic carbon, silica and barium along a salinity gradient in a shallow coastal lagoon (Etang de La Palme, Southern France)	Christophe MONNIN
Enhancing the freshwater lens volume of an island by reducing the hydraulic conductivity of the exterior region	Chunhui Lu
Seawater flooding is becoming more frequent on low-elevation islands: Strategies to mitigate impacts on groundwater supply	Clifford I. Voss
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Monitoring the groundwater quality/quantity from your desktop – application to salt water intrusion monitoring EMI: Environmental data Management Interface	Denis Neyens
Groundwater salinity mapping of the Belgian coastal zone to improve local freshwater storage availability	Dieter Vandevelde
Migration of shallow saline groundwater across a regional aquitard inferred from Cl and stable isotope in the North China Plain	Dongmei Han
A new method of testing groundwater inflow to the seabed, Puck Bay, South Baltic	Emilia Bublijewska
Salinity problems in Mediterranean and island coastal aquifers in Spain	Emilio Custodio
Atoll Groundwater Movement from Rainfall to Overwash	Ferdinand Oberle
Contemporary groundwater salinity in Southwestern Bangladesh as steered by hydrogeological conditions under palaeohydrological and contemporary settings	Floris Naus
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Three-dimensional lithologic model of the San Diego Coastal Aquifer, Southern California, USA	Geoffrey Cromwell
Sandtank experiments and numerical modeling of coastal aquifer heterogeneity: fringing reefs, vertical flow barriers and structured conductivity fields	Georg J. Houben
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Modelling saline groundwater pumping at the beach for reverse osmosis desalination in Qatar	Husam Baalousha
Using geophysical data to build more realistic saltwater intrusion models	lan Gottschalk
Modelling reactive transport of Si and 222Rn to constrain tide-induced seawater infiltration rates at a meso-tidal beach	Janek Greskowiak
Efficient nutrient recycling in the subterranean estuary of an exposed sandy beach	Janis Ahrens
Spatiotemporal patterns of saltwater intrusion associated to geological heterogeneities and complex tidal forcing: insights from field-scale, high-resolution investigation:	s Jean-Christophe Comte
Submarine groundwater discharge derived nutrients and red tide outbreaks in Tolo Harbor, Hong Kong	Jimmy Jiao
3D Paleohydrogeological modelling of the Nile Delta	Joeri van Engelen
Large-scale, probabilistic airborne salinity mapping for groundwater management in Zeeland, The Netherlands	Joost Delsman
Aquifer compaction–a threat to coastal aquifers	Joseph Hughes
A Quantitative Review of 1D Airborne Electromagnetic Inversion Methods: A Focus on Fresh-Saline Groundwater Mapping	Jude King
Tidal response method with simple decomposition techniques to determine hydraulic parameters of freshwater-lens aquifer	Katsushi Shirahata
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Laboratory Scale Investigation of Dispersion Effects on Saltwater Movement due to Cutoff Wall Installation	Masahiro Takahashi
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Seawater Intrusion in Coastal Aquifers: Combined Effect of Salinity and Temperature	THUY T.M. NGUYEN
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Evolution of a young freshwater lens on a currently developing barrier island, 'Ostplate', Spiekeroog	Tobias Holt
Effects of a heavy rain event on the hydrodynamical and hydrogeochemical parameters in an alluvial coastal aquifer.	Tybaud Goyetche
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Can bomb-peak tritium persist in the transition zone? A case study from the German island of Langeoog	Vincent Post
It's hydrogeology but not as we know it: Sub-seafloor groundwater flow driven by thermal gradients	Vincent Post
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Composition and Function Shift of Microbial Communities in Mangrove Seedlings Inhabited Mudflat During Tidal Cycles	Xiaoying Zhang
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