

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

List of abstracts accepted for poster presentation (sorted alphabetically according to the author's FIRST name)

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Development and Application of Diagnostic Tools for Seawater Intrusion Analysis in Highly Heterogeneous Coastal Aquifers	Adil SBAI
MAJOR GROUNDWATER RESERVOIR NR 112 IN THE COAST OF GDAŃSK BAY	Andrzej Sadurski
Bacteria mediated acidification in a carbonate coastal aquifer	Angela Vallejos
Hydrogeological structures as buried valley along the Eastern Pomerania Polish coast of the Baltic Sea	Anna Szelewicka
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Fourier series solution for an anisotropic and layered configuration of the dispersive Henry Problem	Behshad Koohbor
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The subterranean estuary: descriptive term or confusing jargon?	Carlos Duque
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Coastal Flooding Effects on Heterogeneous Aquifers under Flux-Controlled and Head-Controlled Landward Boundary Conditions	Davood Mahmoodzadeh
Assessing groundwater vulnerability to sea water intrusion in the coastline of the inner Puck Bay using GALDIT method	Dawid Potrykus
Tectonically conditioned brine leakage into usable freshwater aquifers – implications for the quality of groundwater exploited in central Poland	Dorota Kaczor-Kurzawa
Fossil groundwater in a deltaic aquifer that supplies to a desalination plant	Fernando Sola
The life and times of terrestrial freshwater lenses	Flore Sergeant
Measuring Groundwater Head in a Brackish Environment	Frans Schaars
Historical documents shed new light on the contributions of Alexander Herzberg to coastal hydrogeology	Georg J. Houben
300 years of coastal salinization research in Germany – the Homann (1718) map of the Christmas Flood of 1717	Georg J. Houben
Potential map for large-scale implementation of subsurface water solutions: COASTAR	Gualbert H.P. Oude Essink
Parallel Computing with SEAWAT	Gualbert H.P. Oude Essink
Sea-Level Rise Impacts on Heterogeneous Coastal Aquifers: A Numerical Study on Salt Water Intrusion Behavior	Hamed Ketabchi
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Saltwater intrusion under climate change in North-Western Germany - mapping, modelling and management approaches in the projects TOPSOIL and go-CAM	Helga Wiederhold
Comparison of manually and automatically derived fresh-saline groundwater boundaries from helicopter-borne EM data at the Jade Bay, Northern Germany	Helga Wiederhold
Generating hydraulic models by upscaling geophysical joint inversion through airborne electromagnetics	Helga Wiederhold
Monitoring seawater intrusion in the Chtouka aquifer, Morocco	Henrik Schreiber
Influence of tides, bathymetry, lithology and regional flows on the salinization process in nature area the Rammegors	Ilja America
New Data on Seawater Intrusion in Liepāja (Latvia) and Methodology for Establishing Background Levels and Threshold Values in Groundwater Body at Risk F5	Inga Retike
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An Approach to Delineate Groundwater Bodies at Risk: Seawater Intrusion in Liepāja (Latvia)	Jānis Bikše
Three-dimensional finite element modelling of geophysical electric response on complex saltwater intrusion scenarios	Jean-Christophe Comte
Intrusion of saline water into a coastal aquifer containing palaeogroundwater in northern Estonia	Joonas Pärn
Spatial and seasonal variations of biogeochemical transformations in coastal sands under the impact of SGD in the southern Baltic Sea	Julia Westphal
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Temporal and spatial distribution of salinity in Gaza Coastal Aquifer deduced from observations since 1972	Kristine Walraevens
Temperature as tracer for fresh/salt water interface monitoring	Laura del Val
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