



IAH-SA VIRTUAL CONFERENCE – 13 to 15 September 2022

Current and recent groundwater research in Southern Africa. The IAH-SA is pleased to announce a 3-day Virtual Conference where all current and very recently completed research in the field of hydrogeology is going to be presented.

Selection of the presentations that will be included in the virtual conference programme:

Abongile Xaza	Using seawater fraction and Hydrogeochemistry tools to investigate seawater intrusion, Heuningnes, Cape Agulhas, South Africa
Amy Allwright	Research-Based Deep Drilling in the Bushveld Igneous Complex
Anton Lukas	Machine Learning Applied to Pumping Test Analysis: Breaking the data barrier
Aqeela Parker	An Investigation of the Natural Groundwater Recharge of the Saldanha Bay Aquifer Systems, South Africa
Ashleigh Tomlinson	Identifying potential areas suitable for Managed Aquifer Recharge in Saldanha Bay, Western Cape
Brynn Hunink	Developing a Cost-Effective Method to Delineate Wellhead Protection areas - A Study in the Cape Flats
Clinton Andries	Application of Analytical Hierarchy Process to design an Optimized Groundwater Monitoring Network to detect potential impacts of Managed Aquifer Recharge
Daniél Mulder	Delineation of Groundwater Protection Zones: towards a groundwater management plan in the Sutherland town area
Diloro Keitumetse Phitlho	Physical Parameters and Trace Elements of the BCL Mine Discharge at Selibe Phikwe, Eastern Botswana
Duan Swart	Vertical Anisotropy and Hydromechanical Properties of the Unsaturated Saprolite in the complex Intermediate Vadose
Emma Davies	Using Passive Sampling to Evaluate Aquatic Pesticide Pollution in the Western Cape, South Africa.
Khutjo Diphofe	Surface Water-Groundwater Interaction in an Urbanized Catchment – Johannesburg, South Africa
Kirsten Raible	Regional Hydrochemistry and Hydrogeology of the Greater Timbavati Area
Kobus Haumann	Using forward and Inverse Modelling to Investigate the Capability of Two-Dimensional Electrical Resistivity Tomography to Detect Water Bearing Zones in the Subsurface
Libuseng Kolobe	Appraisal of Geophysical Methods used for Groundwater Exploration in South Africa
Michael Holloway	Hydrogeological controls & Managed Aquifer Recharge in the Greater Kruger National Park, Limpopo
Mkholo Maseko	Groundwater Modelling of Lake Sibaya under various landcover and climate scenarios advised by plant water source partitioning using isotopes
Ndubuisi Igwebuiki	Application of hydrogeophysics modeling for sustainable Managed Aquifer Recharge, West Coast, South Africa
Nicolette Vermaak	Understanding the Black Box of the MAR Infiltration Process
O.S Lekone	Estimation of Aquifer Hydraulic Parameters Using Geo-Electric Methods in the Dukwi Wellfields, North-Eastern Sub-District Botswana
Ritshidze Nenweli	Evaluating Groundwater Storage Changes in The Western Cape Using GRACE and Measured Groundwater Data
Rolene Lubbe	A Review of Slug Tests Analysis on South African Aquifers in Potential Yield and Transmissivity Estimations
Thobeka Nsibande	Rainfall-groundwater relationship, groundwater-surface water relationship, and groundwater dynamics in the Maputaland coastal plain

To register for the conference and benefit from the early bird registration please visit: <https://iah.org.za/iah-sa-virtual-conference-13-to-15-september-2022/>

For more information please contact the organizers: Confetal – deidre@iafrica.com

**This conference
will be SACNASP
and ECSA - CPD
accredited.**