

Geowissenschaftliches Kolloquium

Stable isotope hydrology and hydrogeology of the Cuvelai-Etосha Basin in Northern Namibia

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Since the mid-1990s BGR is involved in technical cooperation projects with Namibia, mainly on exploration and management of groundwater resources in the densely populated regions in the Cuvelai-Etосha Basin. Within the frame of the SASSCAL project (Southern African Science Service Centre for Climate Change and Adoptive Land Management, a BMBF financed 3-year research consortium) BGR was conducting research on stable isotope hydrology and groundwater recharge estimations through the unsaturated zone. The aim of this presentation is to provide a summary of stable isotope hydrological investigations and patterns in Northern Namibia.



Paul Königer studied hydrology and got his PhD at Freiburg University in 2003. After a two-year postdoc position in Idaho, USA, he moved to Hannover working for LIAG (2007-2010) and for BGR since 2011. He started to conduct first fieldwork in Northern Namibia in 2012 and visited the Cuvelai-Etосha Basin several times within the SASSCAL-project. He is regularly teaching isotope hydrology at the Technical University Darmstadt.

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