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Climate Change Impacts on Groundwater: Commonly used Assessment Methods

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It's commonly accepted that climate change will be experienced though water, particularly in developing countries. Several studies relating to the impacts of climate change on surface water have been undertaken while very little research exists on the potential impacts on groundwater. However, lately increasingly more research work on groundwater and climate change is emerging. Hence, in this talk the national and international case study examples of assessment methods, pertaining to use of either groundwater and climate models or climate and groundwater indices to assess climate change impacts on groundwater will be dealt with.

Biography:

Chris Moseki has over 20 years of experience in groundwater development and water resources management. He also served as a research manager at the Water Research Commission responsible for development of tools and systems for adaptation to climate change for about 6 years. Chris is currently a climate change specialist scientist at the Department of Water and Sanitation. His interest includes research in groundwater and climate change as well as seeking solutions to climate and water related problems in the public sector.