



Press Release

September 20, 2018

South Africa to host inaugural Groundwater Conference

The 1st Annual Groundwater Conference will give much needed impetus to raising awareness of the critical role of groundwater in meeting development challenges in the face of climate change across the SADC region.

The conference, hosted by SADC-GMI from September 26- 28, 2018, will be held under the overarching theme of *“Adapting to Climate Change in the SADC Region through Water Security – A Focus on Groundwater”*.

SADC-GMI's executive director James Sauramba said there is a need to elevate groundwater in conversations about water security.

“SADC protocols and national policies and legislation don't talk much about the significance of groundwater yet estimates are that about 70% of the population in the SADC region relies on groundwater,” Sauramba said.

In addition, the conference deliberations will explore sub-themes of promoting climate change resilience through transboundary aquifer management and conjunctive surface and groundwater management in the SADC region; as well as working towards an understanding of the impacts of climate change on groundwater resources and exploring climate-smart groundwater infrastructure options.

Sauramba stressed the demand for informed decision-making on groundwater.

“Climate change demands integrated use of water resources. As facilitators in transboundary projects we work with decision-makers at government and regional level. We see ourselves as an important driver of socioeconomic development in the SADC region,” Sauramba said.

The keynote speakers, including Karen G. Villholth (IMWI-SA), Prof Jason Gurdak (UNESCO – IHP), Roger Parsons (Parsons & Associates), Dhesigen Naidoo (Water Research Commission, South Africa), Callist Tindimugaya (International Association of Hydrologists) and Gavin Kode (Western Cape Government, South Africa) will tackle groundwater's critical role in dealing with development, economic and environmental challenges.

Dr Villholth will review shared development challenges posed by climate change while Prof Gurdak will explore why climate change is among the most critical environmental challenges of the twenty-first century. Kode will share how the Western Cape Government used its

Water Business Continuity Programmes to ensure water supply continued during the drought in Cape Town. Naidoo will address the critical role of adaptation in ensuring water-energy-food security while Tindimugaya will focus on groundwater's role in the National Development Strategies of African countries.

Sauramba emphasized the importance of finding solutions to improve the lives of the SADC community and to support urban growth and industrial development, irrigation in the agricultural sector and to service demands in the mining sector.

“We will continue developing solutions on pertinent groundwater topics. Besides the research that we do we also want to attract large-scale funding to support Member States to implement large scale infrastructure projects,” Sauramba said.

SADC-GMI is hosting the conference in collaboration with UNESCO-IHP, IGRAC, the Government of South Africa, IWMI, GWP-SA, GRIPP

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NOTE TO EDITORS: SADC-GMI is a subsidiary structure of the SADC Secretariat launched in 2016 to raise the prominence of groundwater in national and regional policy, legal and regulatory frameworks. SADC-GMI gets its mandate from the Regional Strategic Action Plan (IV) on Integrated Water Resources 2016 – 2020.

Part of its mandate is to facilitate the integration of groundwater into shared watercourse commissions and agreements through transboundary cooperation. It aims to assist Member States pursue a harmonised Integrated Water Resources Management framework that promotes equitable and sustainable use of shared international water resources.

For more information and interviews contact:

Nhlanhla Kubeka

frayintermedia: Account manager

Tel: +27 11 888 0140

Cell: +27 79 847 8975

Email: nkubeka@frayintermedia.com