



KARL-FRANZENS-UNIVERSITÄT GRAZ
UNIVERSITY OF GRAZ
FWF-DK Climate Change



Invitation to FWF-DK Guest Lecture
in cooperation with the Institute of Earth Sciences

Will we die of thirst? How scarce is our water? An analysis of the world water situation

Prof. Randolph Rausch

Institute of Applied Geosciences (IAG), Darmstadt University of Technology,
Germany

Tuesday, 16 May 2017 | 17:15 to 18:45
HS 02.23 (Universitätsplatz 2, 2nd floor)

Abstract

Deserts are spreading, groundwater levels are dropping, springs are drying up and we are running out of water. Horror stories like these are in the news nearly every day. They warn about a global water crisis and about wars over water. How serious are these reports? Is this the truth or is this information the typical hype of the media where "only bad news is good news"?

The German hydrogeologist Prof. Randolph Rausch from the Institute for Applied Geosciences at Darmstadt University of Technology has been working on the subject for several decades now. He was in the Middle East for more than 12 years, one of the world's driest regions. While we have enough water, the water resources are extremely scarce there.

His presentation describes the global water situation, the current and future water scarcity due to population boom, climate change and non-sustainable use of our water resources. The questions to answer are how scarce is our water and how water scarcity will develop in the future. The situation is serious but not so serious that we have to give up. In many cases we already have answers and appropriate solutions. Prof. Rausch gives an overview of the current world water situation; our future challenges and discusses possible solutions.

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