

# Global Groundwater Monitoring Network

- Session on “data for all” at World Water Forum 5 -

# What is IGRAC?

- IGRAC is non-profit centre that facilitates and promotes global sharing of information and knowledge required for sustainable groundwater resources development and management.
- Launched at WWF3 in Kyoto in Spring 2003
- Works under auspices of UNESCO and WMO
- Receives financial support from the government of The Netherlands
- Hosted by Deltares in The Netherlands.



United Nations Educational,  
Scientific and Cultural Organization



World Meteorological  
Organization

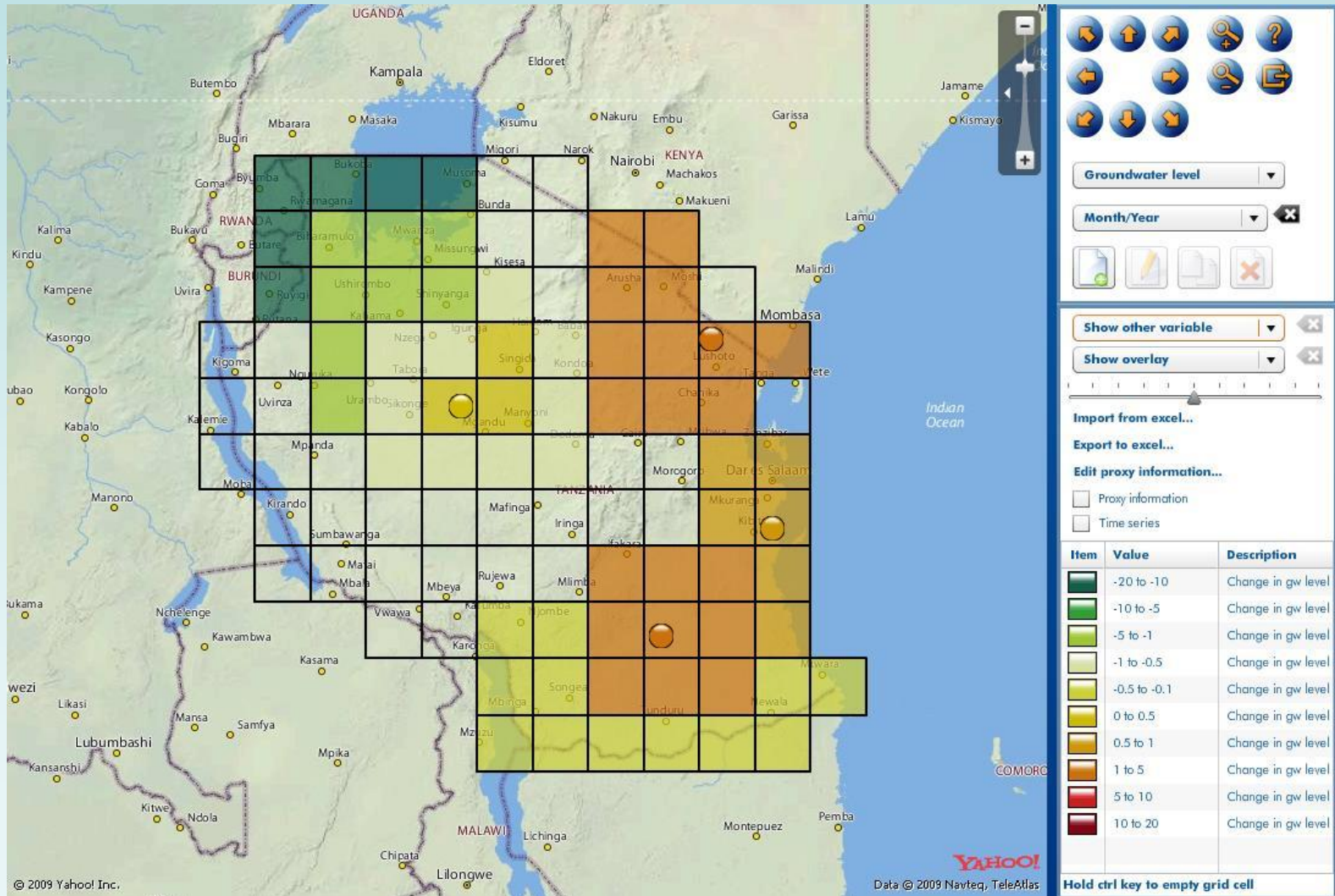


Government of  
The Netherlands



Deltares

# What is the Global Groundwater Monitoring Network?



*(data shown is fictitious)*

# 3 important steps

- 1) Setting up a people network of national experts committed to provide groundwater related data
- 2) Web-based application for collection, processing, storage and dissemination of groundwater monitoring information
- 3) Choice of adequate groundwater variables, both observed and derived in collaboration with end-users (scientists, international agencies, policy/decision makers and financial institutions).



## 3 important remarks

- 1) Taking into account obstacles related to international exchange of data and the limited representativeness of point measurements, IGRAC chooses to collect aggregated data and proxy data instead of raw data
- 2) Paradox: End-user of product is different from the expert reporting the groundwater situation of his/her country.
- 3) Indicators are often defined without taking into account the lack of basic data to calculate them. Availability of data should be used as important criteria for the definition of indicators.

