

IGRAC activities and partners

The International Groundwater Resources Assessment Centre (IGRAC) is the UNESCO global groundwater centre that facilitates and promotes global sharing of information and knowledge required for sustainable groundwater resources development and management.

Information and knowledge management

Development of groundwater portals, knowledge-based systems, databases and services.

Activities:

- Global Groundwater Information System, including
 - Global Overview: Country and Transboundary View
 - Meta Information Module
- Monitoring Guidelines & Protocols Database
- MAR Case-Based Database

Understanding of groundwater processes and patterns on regional and global scales

Including groundwater quantity and quality assessment, groundwater in emergency situations and groundwater under pressure of humanity and climate change.

Activities:

- World Water Assessment Report
- Mapping Hazardous Compounds in Groundwater
- Saline and Brackish Groundwater Inventory
- Managing Artificial Recharge
- WHYMAP, GRAPHIC, GWES...

Internationally Shared Aquifers

IGRAC provides independent content and process support to the assessment and management of internationally shared groundwaters. Our regional activities resulted in the map: Internationally Shared Aquifers of the World (update 2012).

Activities:

- ISARM (www.isarm.org) the core group, portal, course..
- GEF projects (DIKTAS, IW Science, TWAP, IW LEARN..)
- UNECE-led Assessments

Groundwater Monitoring

Collection, harmonisation, compilation, assessment and dissemination of groundwater data worldwide.

Activities:

- Establishing participative Global Groundwater Monitoring Network (GGMN)
- GGMN Software Application Development
- Monitoring Guidelines collection and development

Groundwater Governance

As a 'fair' decision-making on groundwater issues at various scales and levels. It requires sufficient and high-quality groundwater information to ensure transparency, accountability, inclusiveness, demand-responsiveness and others characteristics of good governance.

Activities:

- Contribution to the GEF Groundwater Governance project
- Content and process support to the assessment of internationally shared aquifers
- Use of Groundwater Governance serious gaming in capacity building workshops



partners



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