



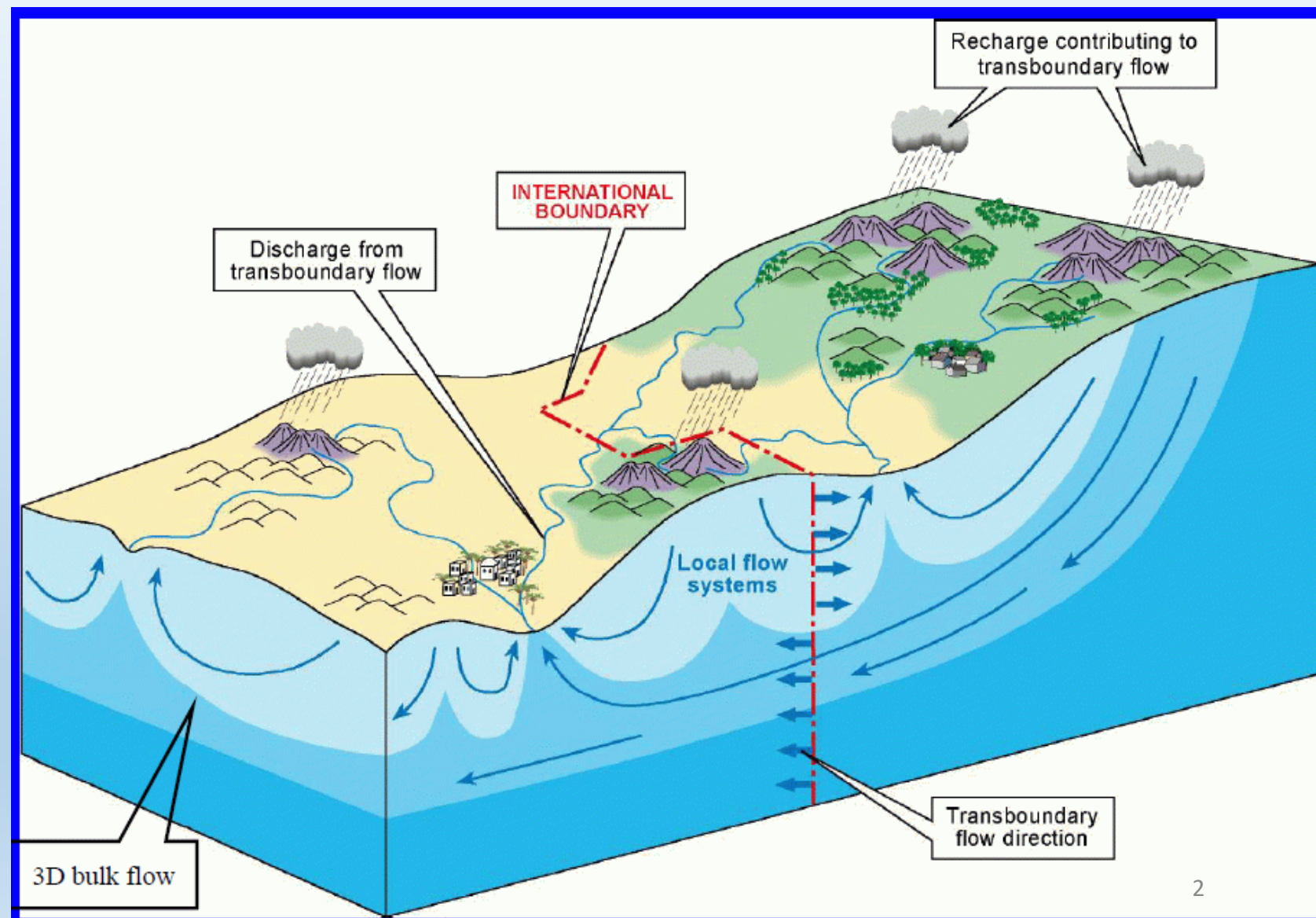
**International Association
of Hydrogeologists**
the World-wide Groundwater Organisation

International cooperation for the management of transboundary aquifers

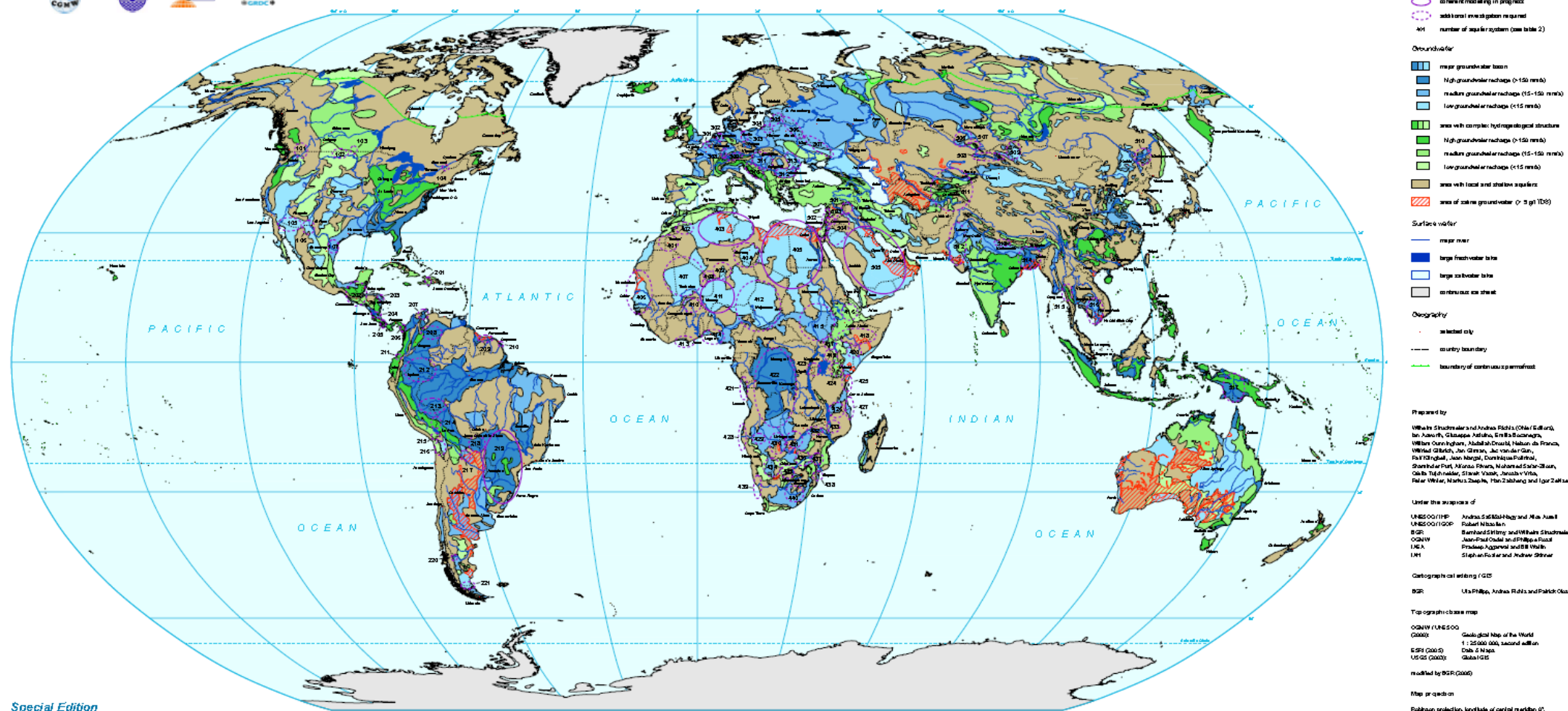
António Chambel

**President of the International Association of Hydrogeologists (IAH)
Institute of Earth Sciences / University of Évora (Portugal)**

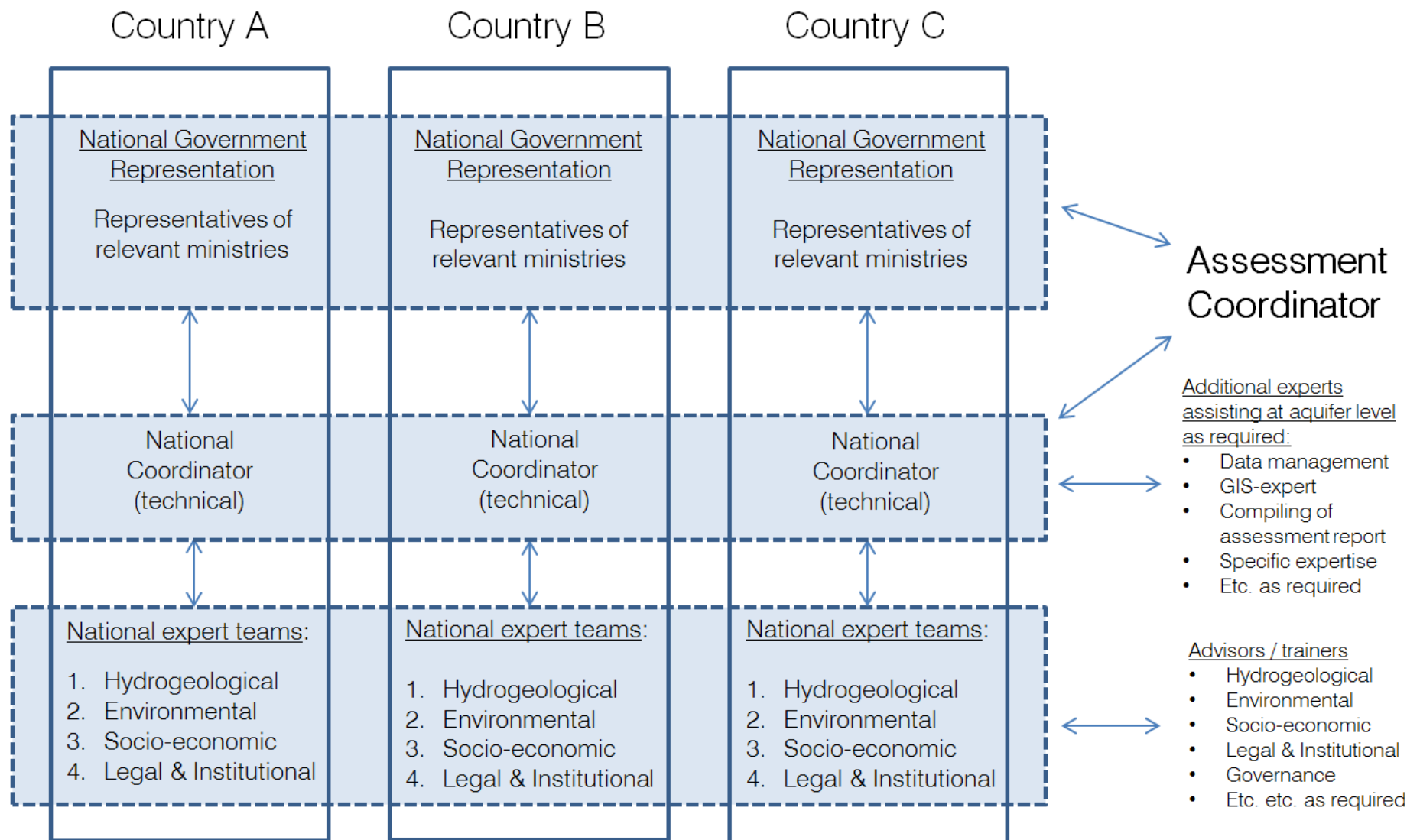
Why to talk about water
management in
transboundary aquifers?



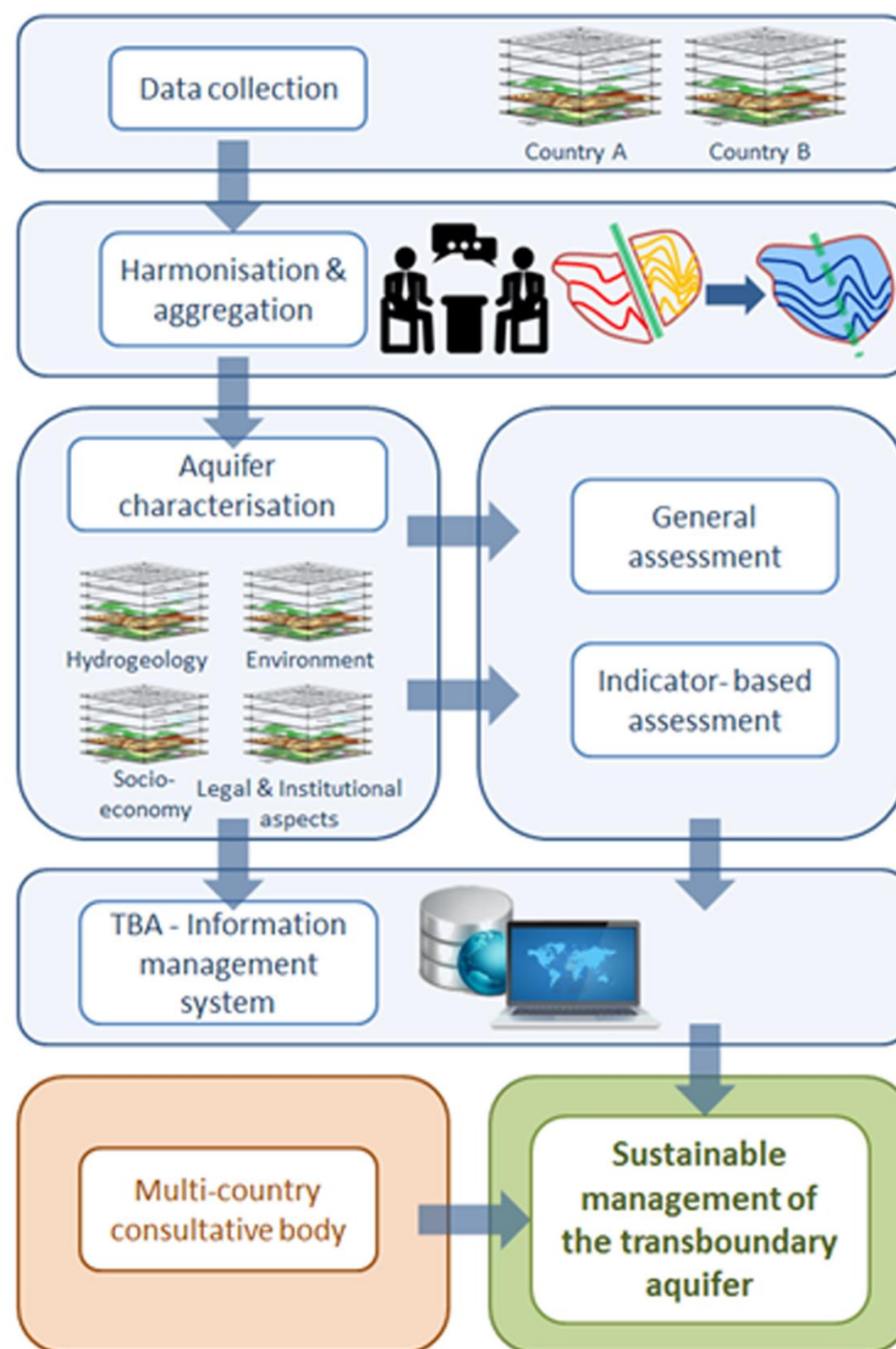
- Transboundary Aquifer Systems -

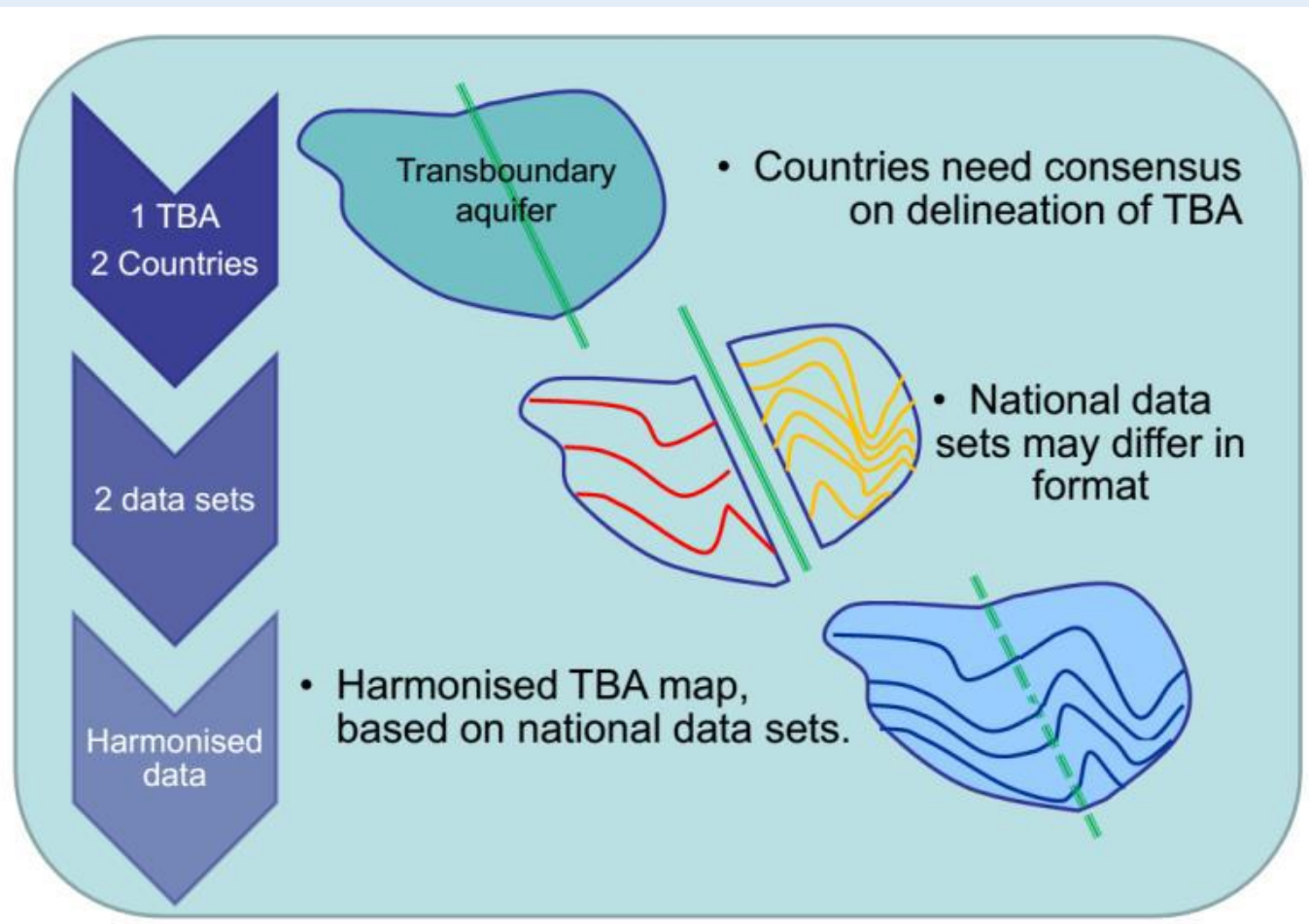
Special Edition
for the 4th World Water Forum,
Mexico City, March 2006

Scale 1 : 50 000 000



Cooperation





Elements of data harmonisation:

- Aquifer's geometry
- Coordinate system and scale for maps
- Interpolation techniques
- Harmonisation of classifications
- Aquifer's conceptual model

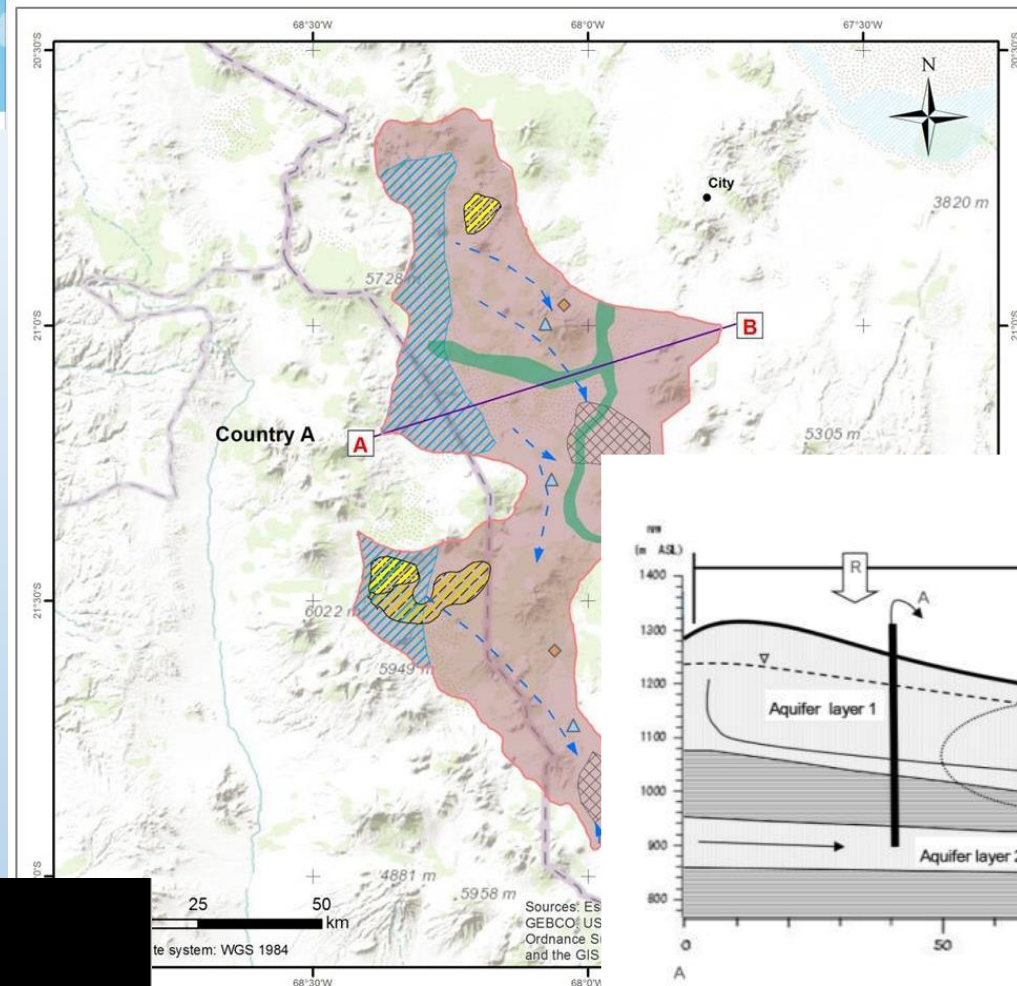
Main outputs at the end of this phase:

- Harmonised set of maps for the aquifer
- Harmonised datasets
- Data needed for the calculation of indicators

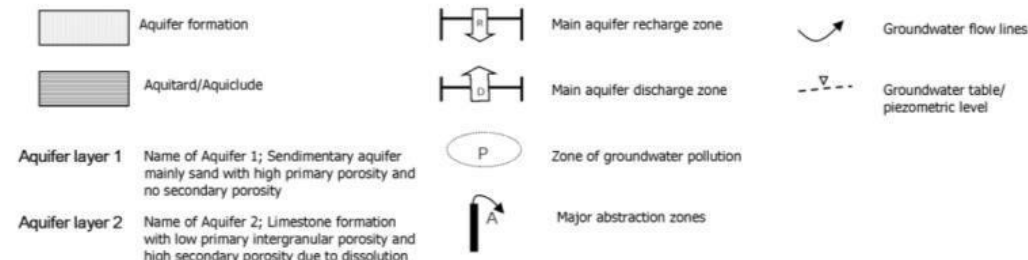
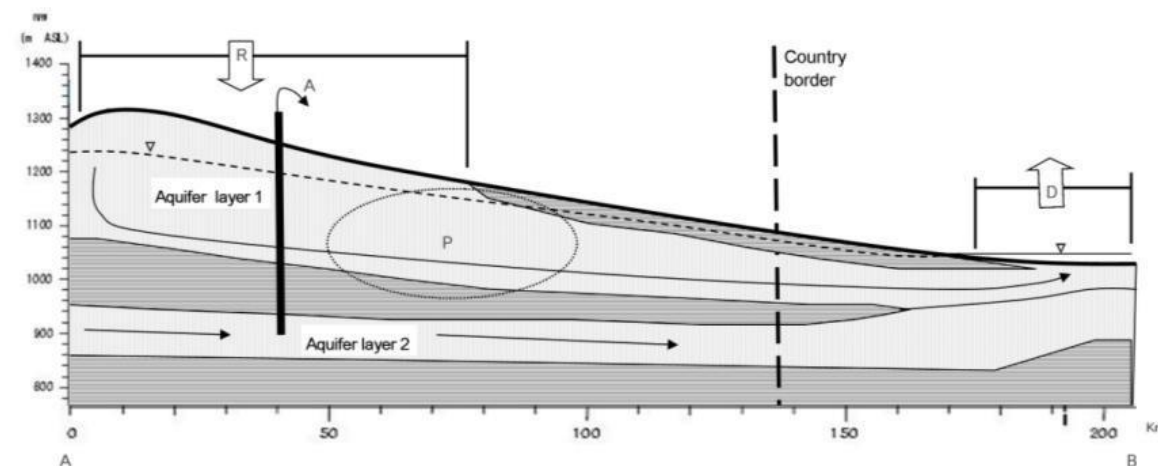
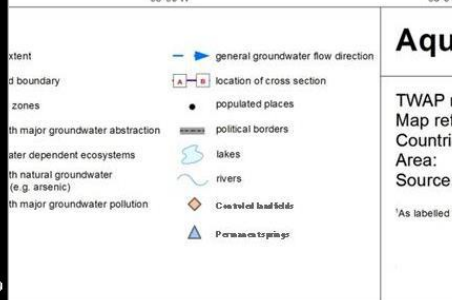
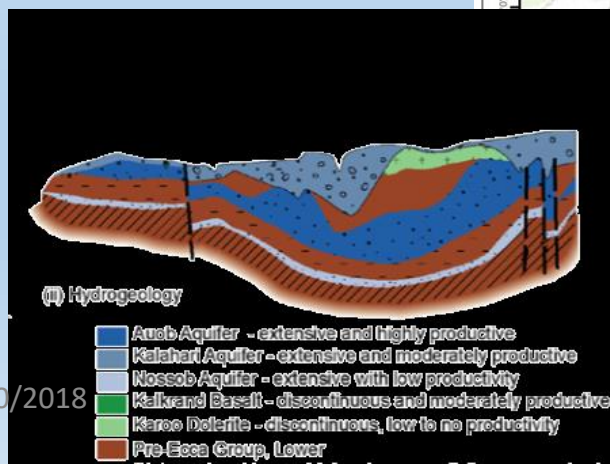


Visualisations of the transboundary aquifer

- Thematic maps
- 2D cross sections
- 3D representation of the conceptual model
- Diagrams
- Graphics
- Charts
- Tables



BASE: GUIDELINES FOR MULTIDISCIPLINARY ASSESSMENT OF TRANSBOUNDARY AQUIFERS – IGRAC, UNESCO-IHP



Groundwater Development Stress



THANK YOU!

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