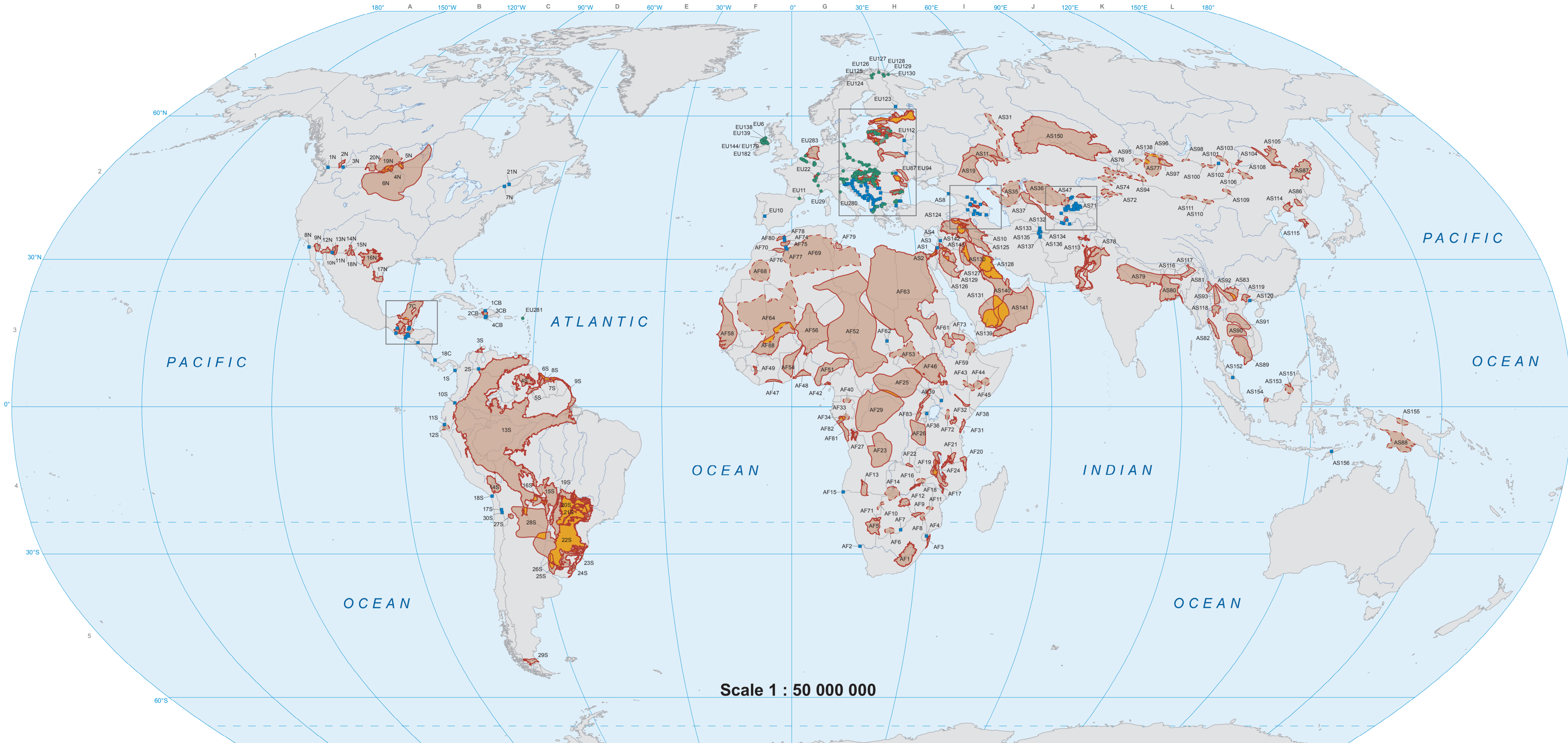


# Transboundary Aquifers of the World

## Special Edition for the 7th World Water Forum 2015



**Legend**

**Occurrence and extent**

- aquifer
- groundwater body
- overlapping area
- small aquifer
- small groundwater body

**TBAs type of delineation**

- confirmed boundary
- approximate boundary

AB12: aquifer/groundwater body label

**Geographic elements**

- country boundary
- detailed maps provided on back
- rivers
- lakes

**Prepared by IGRAC**

**Base maps**  
Country borders: ESRI World Country Generalized layer (April, 2014)  
Rivers and lakes: ESRI (2009)

**Map projection**  
Robinson projection, geographic coordinates, spheroid WGS84, longitude of central meridian 0°.

© IGRAC, March 2015  
Released under the Creative Commons licence.  
Attribution Non-Commercial Share Alike.

**ABOUT THIS MAP**

This map is about transboundary aquifers of the world. It shows the state of information presently available on the occurrence and extent of TBAs world-wide. The map provides a global overview of these important transboundary water resources and intends to encourage further research and assessment thereof. The map is based on the most recent inventory results of many active working groups around the world; details on the procedures for preparing this map are available in the section 'Map compilation and labelling.' Inventories and assessments of transboundary aquifers across the world and information exchange between states overlying them are requisite for informed transboundary aquifer governance. This map aims to contribute to raising awareness on the importance of the governance of transboundary aquifers and to building a much needed global knowledge base.

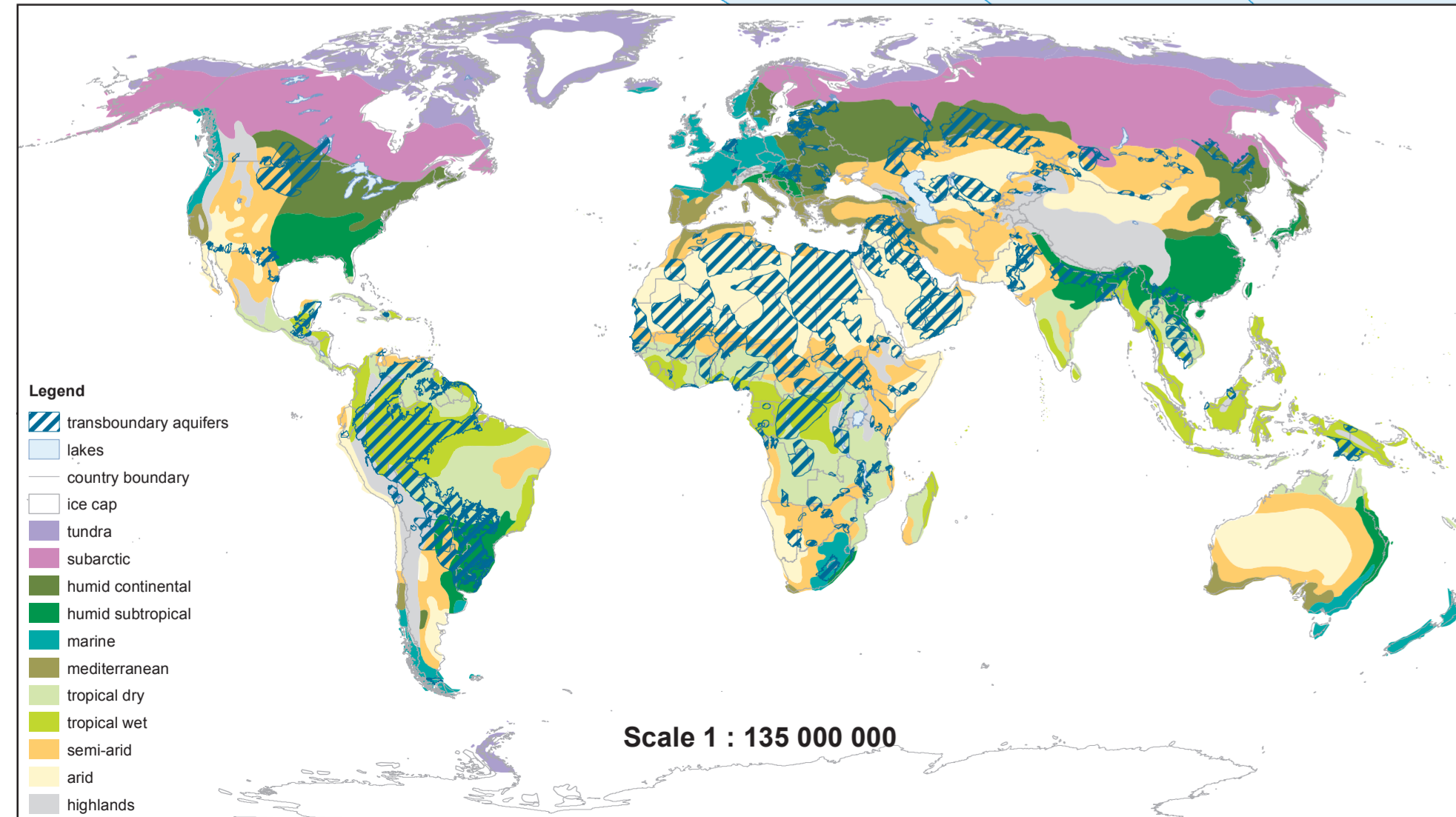
Since its establishment in 2003, IGRAC has been involved in the identification and assessment of transboundary aquifers within the frameworks of the UNECE Transboundary waters assessment, GEF International Waters (IW) Focal Area and the International Shared Aquifer Resources Management (ISARM) initiative led by UNESCO-IHP and IAH.

**DISCLAIMER**

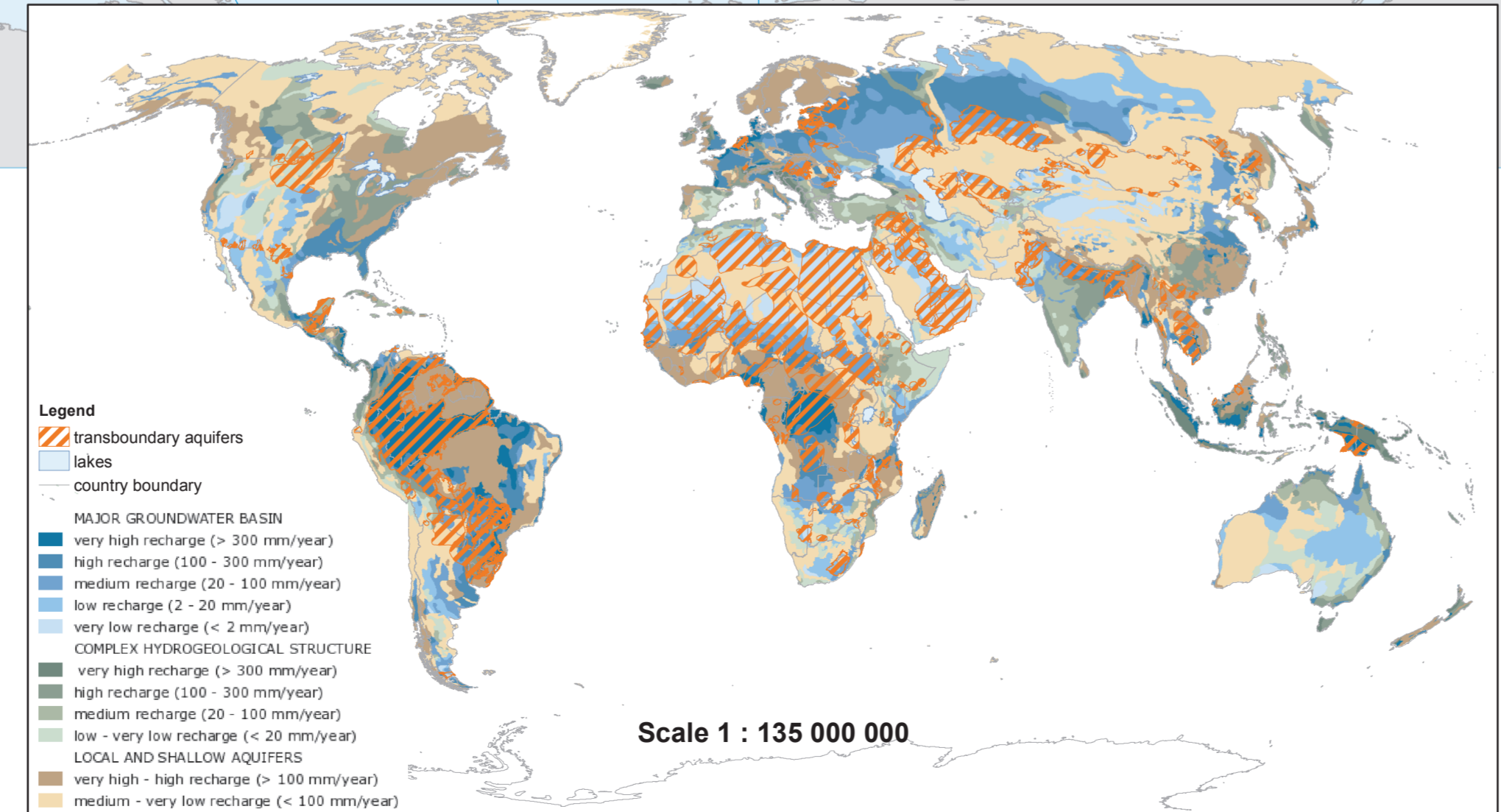
Any designation employed and the presentation of material throughout this publication do not imply the expression of any opinion whatsoever on the part of IGRAC, UNESCO, WMO or the Government of the Netherlands concerning the legal status of any country, territory, city or area, nor of its authorities and sovereignty on its territory and natural resources, and delineation of its frontiers or boundaries. Furthermore, the location and boundaries of several transboundary aquifers have not yet been confirmed by representatives of all countries involved. In such cases, an effort was made to indicate on the map the corresponding provisional status.

**COLOPHON**

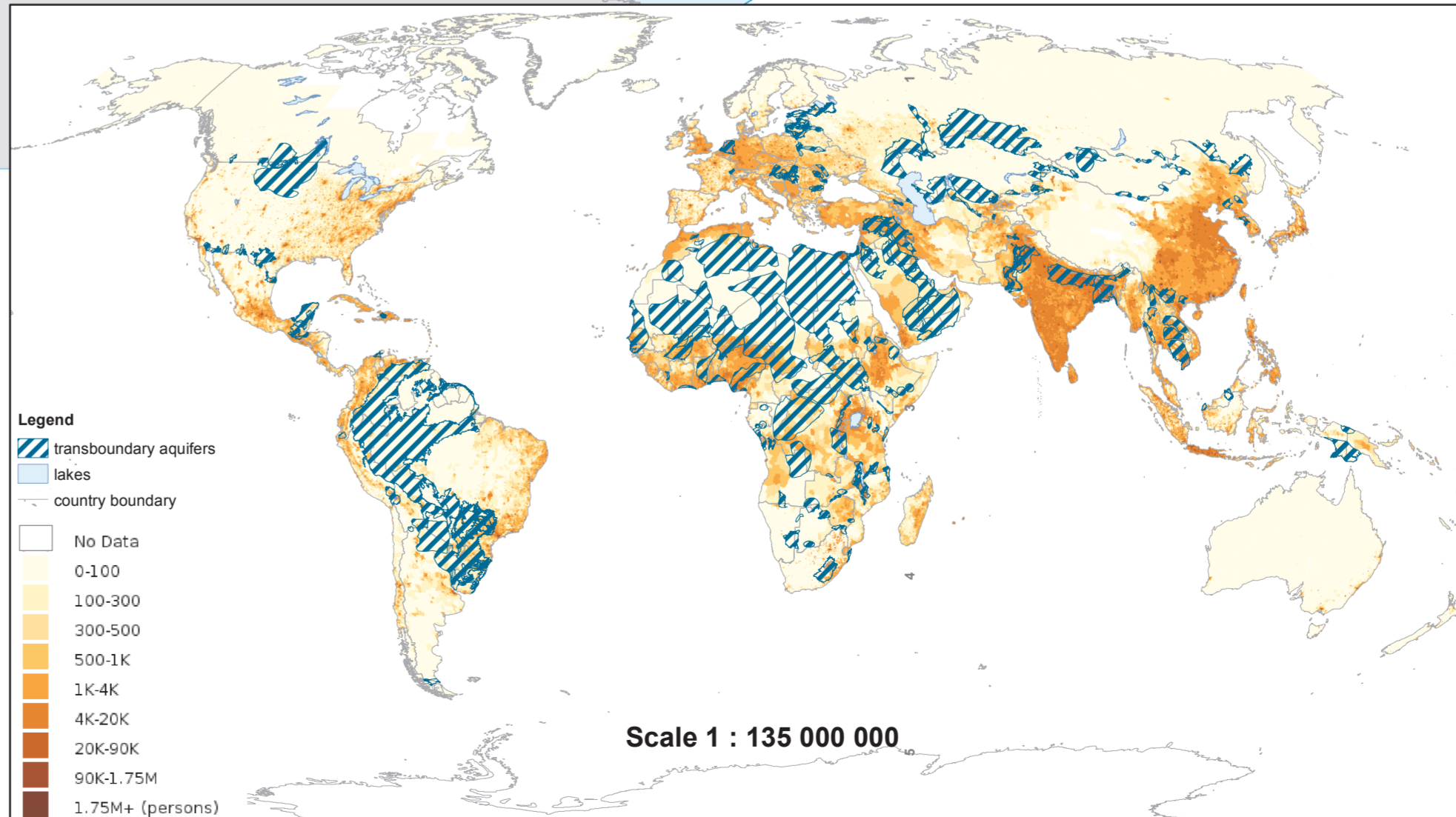
The mission of the International Groundwater Resources Assessment Centre (IGRAC) is to facilitate and promote global sharing of information and knowledge required for sustainable groundwater resources development and management. As an independent and non-profit centre, IGRAC operates under auspices of United Nations Educational, Scientific and Cultural Organization (UNESCO) and the World Meteorological Organisation (WMO). IGRAC is an in-house partner of UNESCO-IHE in Delft, the Netherlands, and receives financial support from the Government of the Netherlands.



Transboundary Aquifers of the World and Climate Zones  
(Source: ArcGIS Online, owner: MappingOurWorld, credits: National Geographic)



Transboundary Aquifers of the World and Groundwater Resources and Recharge  
(Source: WHYMAP - BGR & UNESCO)



Transboundary Aquifers of the World and Population Estimate  
(Source: Socioeconomic Data and Applications Center; layer name: Population Count Future Estimate 2015)

