Importance of information and data-sharing for transboundary cooperation: perspectives from the Water Convention and other global processes

Ms. Sonja Koeppel
Secretary
Convention on the Protection and Use of Transboundary Watercourses and International Lakes
Why is sharing information and data important for sustainable management of water resources?

- Comparable information across the basin is needed to form a comprehensive picture of the situation → basis for decision-making and policy development
- With information and data about the whole basin, a broader basis for planning and more accurate understanding of risks
- Helps to guide management efforts — accurate identification of pressure sources, determining suitability of waters for use etc.; verifying effectiveness of measures taken
- Increased efficiency in allocating funds
- Provides evidence to inform inter-sectoral and transboundary dialogue (e.g. agricultural and energy policies impact on waters)

→ Benefits in terms of peace, development, environmental protection
SDG 6: Ensure availability and sustainable management of water and sanitation for all.

Target 6.5: By 2030, implement integrated water resources management at all levels, **including through transboundary cooperation** as appropriate.

Indicator 6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation

“Operational arrangement” entails that there is

- Treaty, convention, agreement or other formal arrangement
- Joint body for transboundary water cooperation
- Annual meetings
- **Annual exchange of data and information**
- Adoption of joint/co-ordinated water management plan, or joint objectives
The Water Convention (Helsinki, 1992)

- Unique global legal and intergovernmental framework for transboundary cooperation
- Opened up to all UN Member states in 2016, so far 44 Parties incl. 3 from Africa
- General obligation to cooperate
- Requirement that Riparian Parties enter into joint arrangements and establish joint bodies
- Joint monitoring and assessment, data exchange, joint warning and alarm systems
About the relevant Water Convention’s provision

- Tasks of joint bodies include
  - Identification and inventorying of pollution sources;
  - The elaboration of joint monitoring programmes on water quality and quantity,
  - Joint water quality objectives and criteria;
  - Warning and alarm procedures;
  - Exchange of information on water uses;
  - Environmental impact assessments relating to transboundary waters;

- Convention supports countries’ efforts in various ways: capacity-building, guidance and projects on the ground; including both Parties and non-Parties, subject to demand.
Senegalo-Mauritanian Aquifer Basin (SMAB): towards concerted management with knowledge & monitoring and development

- Regional Working Group (RWG) established of the Countries (Gambia, Guinea Bissau, Mauritania, Senegal) & RBOs - OMVS, OMVG)
- Support by team of consultants
- Country consultation meetings on-line; Regional meetings (latest in Dec 2020)
- Partners: Geneva Water Hub, IGRAC; EU (financing)
- Aim: Produce the **project document and an action plan** for establishing a sustainable mechanism for concerted management of SMAB, as well as **5 other deliverables (assessment reports and baseline studies)** to support strategic and project-related choices by the RWG.
- Monitoring and assessment as key component
Thanks for your attention!

Water Convention Secretariat Contact:

Palais des Nations, Geneva, Switzerland
water.convention@un.org
sonja.koeppel@un.org

For more information:
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