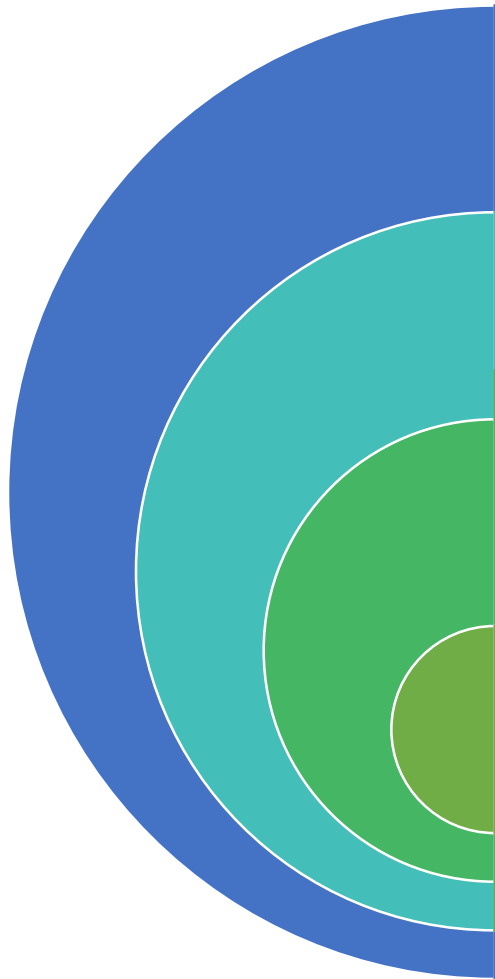




United Nations
Educational, Scientific and
Cultural Organization

3rd Extraordinary Session of the Intergovernmental Council of IHP

22-24 February 2021 (12:30-15:30)



Priority 5: Water Governance based on science for mitigation, adaptation, and resilience

By 2029, Member States have significantly reduced water governance gaps, generating greater equity and efficiency in the allocation, distribution and conservation of water resources and services, and designing and implementing water policies in an inclusive and participatory way with standards based on science while developing ongoing efforts addressing the adaptation and mitigation to climate change.

Agnes Mbugua, Representative of Region Va



United Nations
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Priority 5: Water Governance based on science for mitigation, adaptation, and resilience

Relationship between this priority area and Agenda 2030

6 CLEAN WATER
AND SANITATION



1 NO
POVERTY



2 ZERO
HUNGER



3 GOOD HEALTH
AND WELL-BEING



4 QUALITY
EDUCATION



5 GENDER
EQUALITY



8 DECENT WORK AND
ECONOMIC GROWTH



Promote sustained,
inclusive and sustainable
economic growth, full and
productive employment
and decent work for all

11 SUSTAINABLE CITIES
AND COMMUNITIES



13 CLIMATE
ACTION



16 PEACE, JUSTICE
AND STRONG
INSTITUTIONS



17 PARTNERSHIPS
FOR THE GOALS



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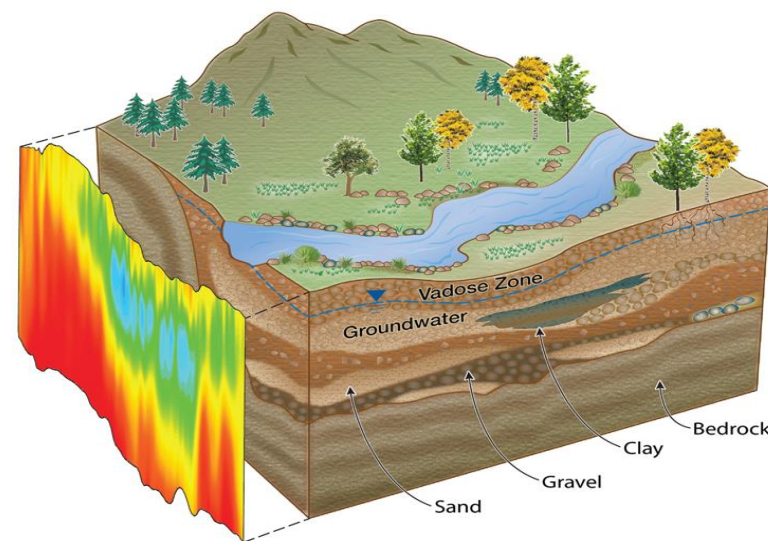
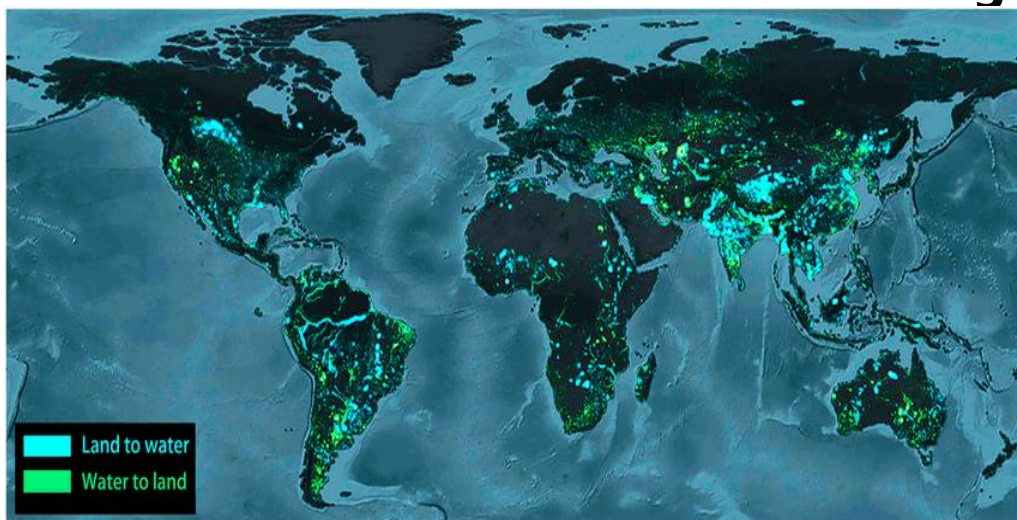


Intergovernmental
Hydrological
Programme

Priority 5: Water Governance based on science for mitigation, adaptation, and resilience

Expected outputs

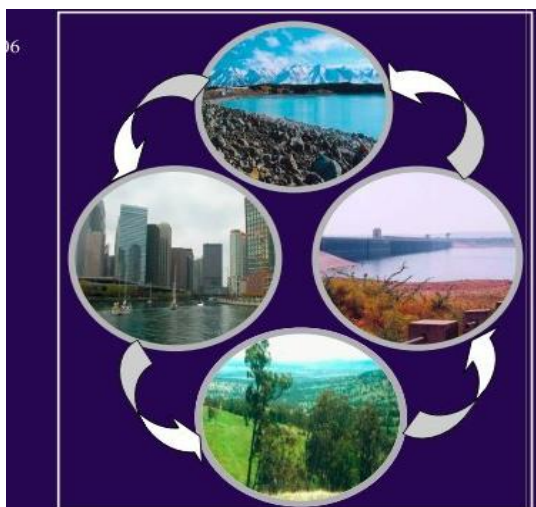
1. Awareness of decision makers at all levels raised on the importance of science-based water governance by the UNESCO Water Family supported, to improve and update Member States' policies and institutional frameworks that enhance the overall resilience of communities to effects of global change.



Priority 5: Water Governance based on science for mitigation, adaptation, and resilience

Expected outputs

2. Science-based assessments on water governance, legal, policy and institutional frameworks undertaken and recommendations communicated ensuring that they are context-dependent, location-based, reflecting adaptation to climate change and IWRM, integrating surface and groundwater for their uptake to decision makers.

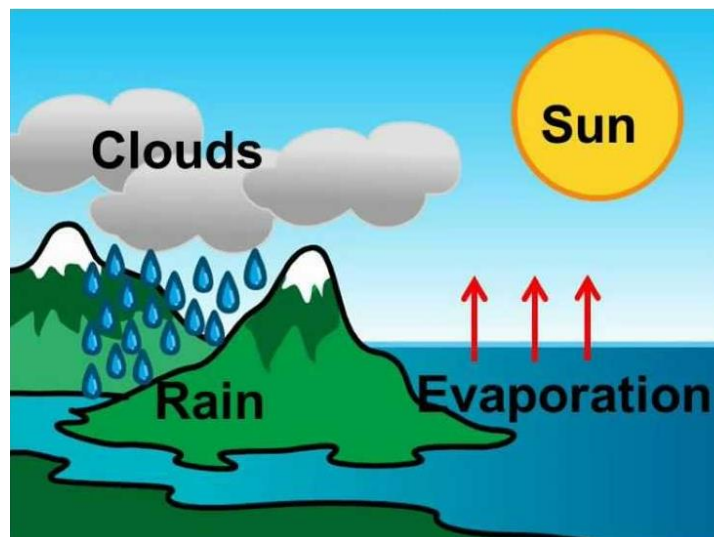


Integrated Water Resources Management:
New Governance, Tools, and Challenges

Priority 5: Water Governance based on science for mitigation, adaptation, and resilience

Expected outputs

3. Sciences-based assessment and development of guidelines, for strengthening water-related content in Nationally Determined Contributions and National Adaptation Plans, conducted to strengthen water-based climate policy-action nexus for adaptation and mitigation

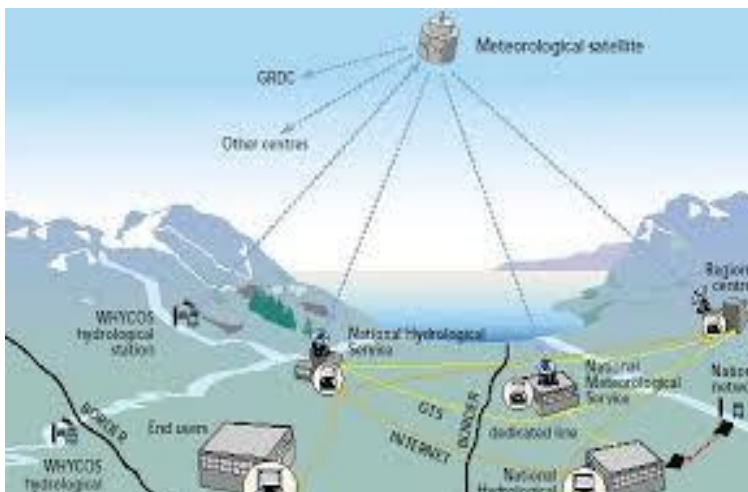


Priority 5: Water Governance based on science for mitigation, adaptation, and resilience

Expected outputs

4. Conducting and sharing of research on novel approaches of adaptive water management by the scientific community supported and capacities of Member States strengthened to enhance sound water governance.

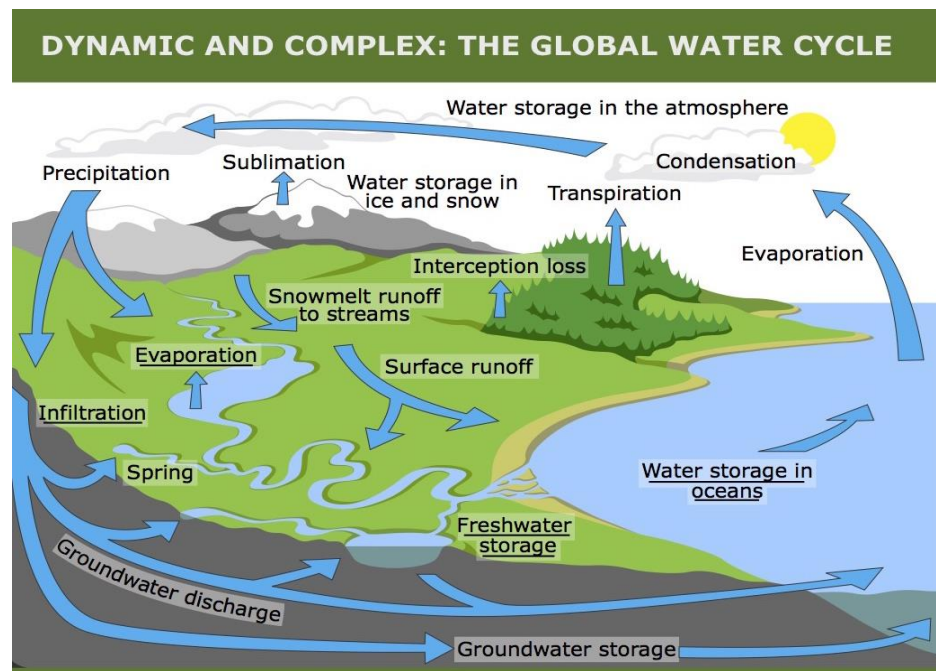
Artificial Intelligence



Priority 5: Water Governance based on science for mitigation, adaptation, and resilience

Expected outputs

5. Capacities of the scientific community and decision makers strengthened on new frameworks and tools, to underpin water governance and build resilience





Priority 5: Water Governance based on science for mitigation, adaptation, and resilience

ROLE OF UNESCO

Contributing to Water Governance based on science for mitigation, adaptation, and resilience by cooperating with other UN Agencies and scientific partners

Objective: Underpin water governance and build resilience of the scientific community and decision makers.

- **Develop new and strengthen existing frameworks and tools with a participatory approach**
- **Climate Risk Informed Decision Analysis (CRIDA),**
- **Water Sensitive Urban Design**

- **Organize training and raising awareness sessions to strengthen the capacities of scientists and decision makers to enhance the uptake and implementation of these innovative approaches, frameworks and tools.**

