

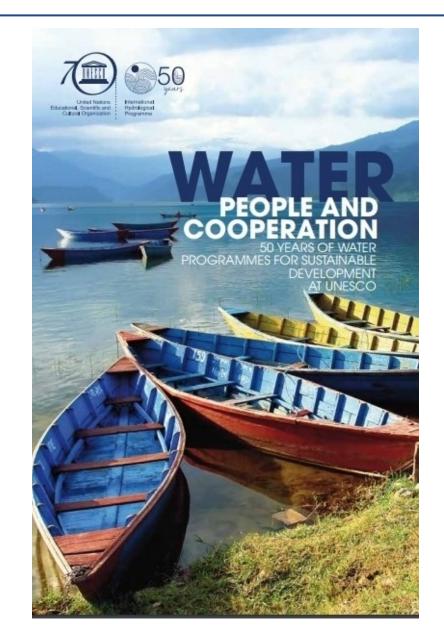
Educational, Scientific and Hydrological Cultural Organization Programme

ADRESSING WATER SECURITY

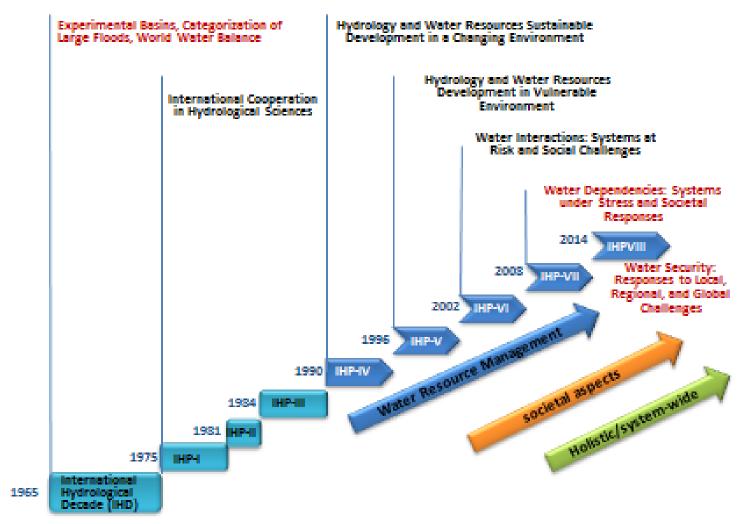
Anil Mishra UNESCO-IHP

28th Session of the GEWEX Scientific Steering Group (SSG-28) Zürich, Switzerland 25-28 January 2016

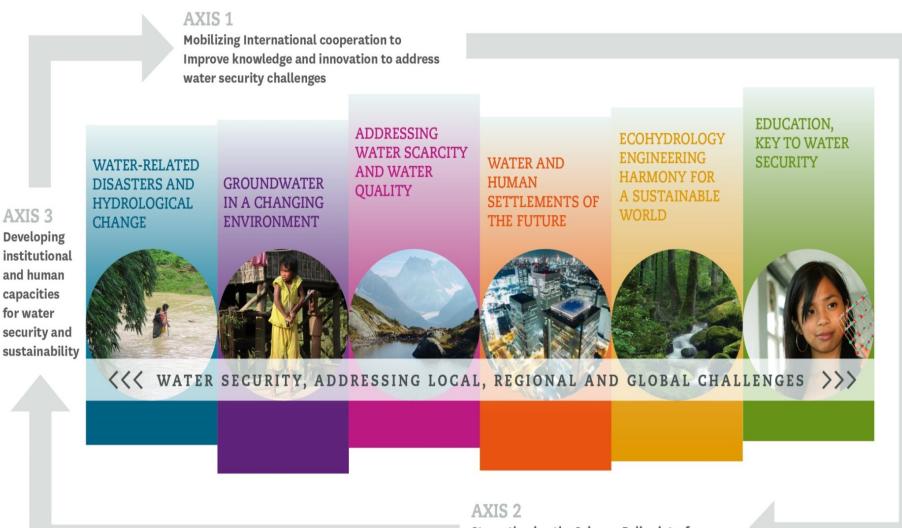
UNESCO-IHP 50th Anniversary Publication





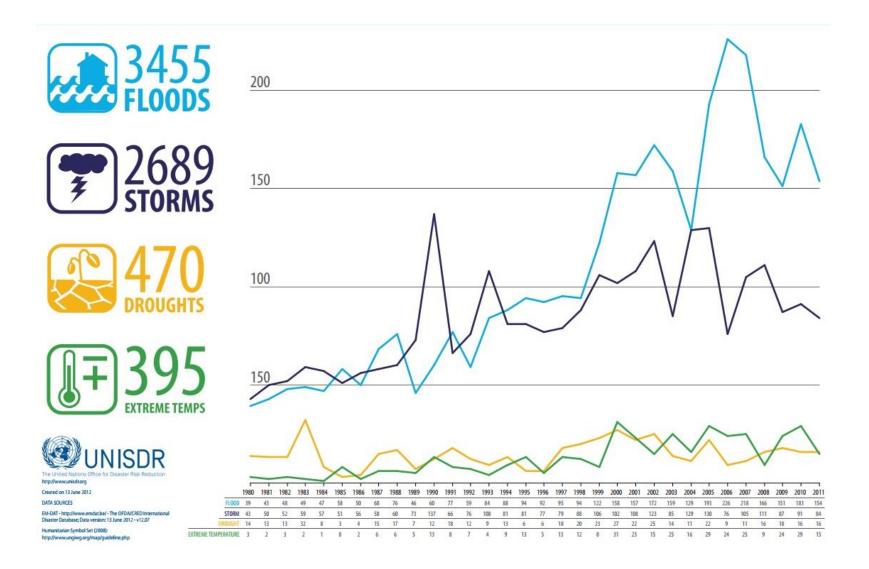


IHP-VIII Responses: 6 Themes, 3 Axes 2014-2021



Strengthening the Science-Policy interface to reach water security at local, national, regional, and global levels

CLIMATE-RELATED DISASTE AROUND THE WORLD 1980-2011





COP-21 (Paris, December, 2015) outcomes related with Water issues

- Inclusion on Article 8 of the Paris Agreement of the importance of minimizing the loss and damage associated with climate change effects, including extreme weather.
- The reference to the post-2015 Sustainable Development Framework, in which water is a specific goal in Global Goal 6.
- Importance given to adaptation, where water is a central issue, and it's financing.



The Sustainable Development Goals: Water and Climate Change

SDG's



Addressing Water Security: Climate Impacts and Adaptation responses in Africa, the Americas, Asia and Europe

1- Vulnerability assessment, mapping and implementation of adaptation strategies

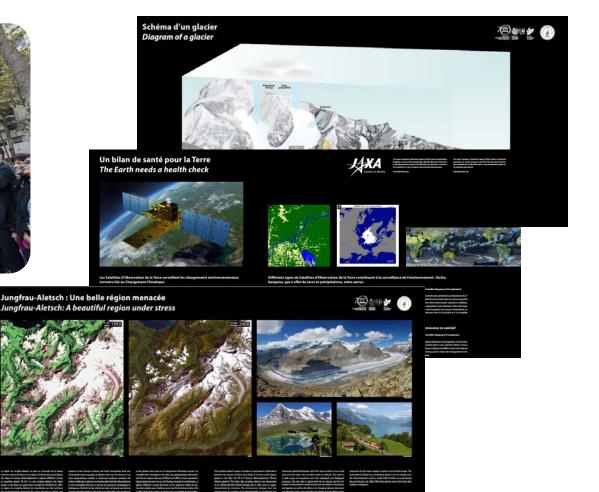
2- Raise awareness on potential impacts of climate change on mountain glaciers and downstream water supply

3- Development of a global knowledge forum

Exhibition Mountains: Early Warning Systems for Climate Change

Exhibition showcasing satelite images aerial and ground pictures was presented during COP21 in Paris last November.







International Scientific Cooperation

Panta Rhei - IAHS Scientific Decade 2013–2022

INARCH: International Network for Alpine Research Catchment Hydrology





 To better understand alpine cold regions hydrological processes, improve their prediction and find consistent measurement strategies.



- Observations and Predictions of Precipitation
- Global Water Resource Systems
- Changes in extremes
- Water and Energy Cycles and Processes
- State of the Water Cycle ?

Upcoming events







Global Conference

"Water and sustainable development for arid region river basins"

September 27-29, 2016

Beijing, China

G-WADI Website



2014-06-30

Hydrologic Modeling and Water Management Workshops in Nairobi (Kenya) and the Mara Basin.

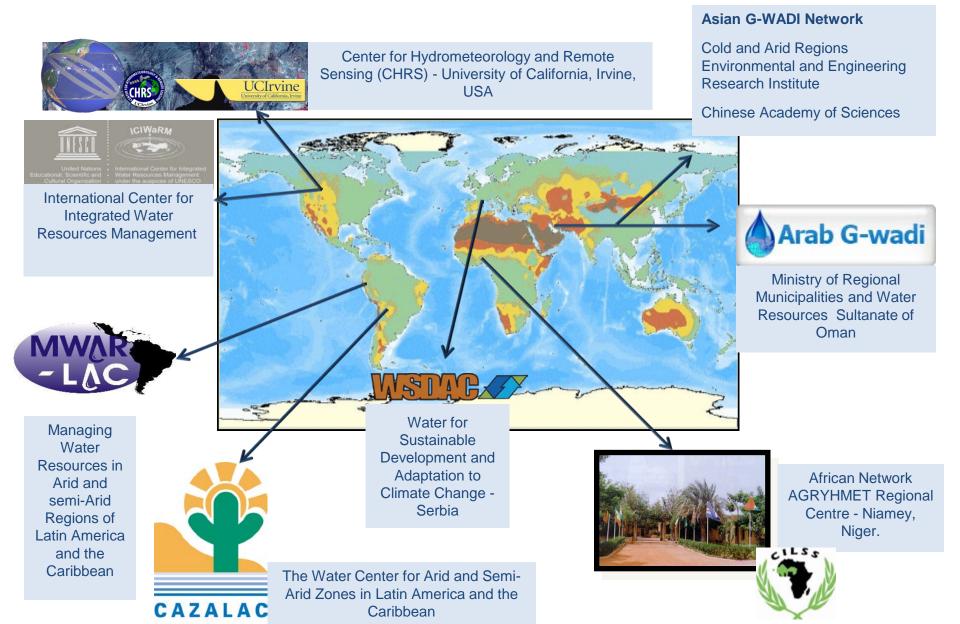


Cooperation in the Nile Basin 2013-12-20

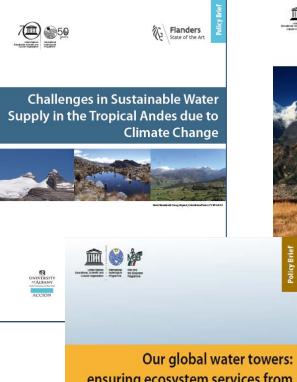
Representatives from the International Center for Integrated Water Resources Management (ICIWaRM)-the Technical Secretariat for G-...

http://www.gwadi.org/

G-WADI Networks



Recent publications



ensuring ecosystem services from mountains under climate change



Martin F. Price and Paul A. Egan Co-chairs, Mountain Ecosystems Thematic Group, IUCN Commission for Ecosystem Management UCN A

