



United Nations
Educational, Scientific and
Cultural Organization



International Centre
for Water Resources and Global Change
under the auspices of UNESCO



Activities of the ICWRGC 2016/17

Ulrich Looser for
Prof. Dr. Siegfried Demuth

www.waterandchange.org



International Centre for Water Resources and Global Change (ICWRGC, UNESCO Cat 2 Centre)



Research projects

Simulation and monitoring of SDG indicators

Climate change in the Medit. area

Climate change adaptation

Water quality from remote sensing

Water diplomacy

Water scarcity

Seamless Prediction



Data

GTN-H

Coordination of this “network of networks”.

GEMStat

Hosting and operation of this Water Quality Database.

Global Water Information System

Future vision of a centralized access to water data from different sources.



Education, Capacity Dev.

E-Learning: module on IWRM.

Summer Schools, e.g.:

- Climate skeptics (Koppelsberg, 2017)
- Groundwater and Energy (Bochum, 2017)
- Plastics in the Environment (Koblenz, 2017)

Flood and Drought Management:

Training and guidelines (Jakarta, 2016)

Hydroforum: Database on water courses in universities.



Events

Conferences, workshops, meetings, e.g.:

- Workshop “Indirect Potable Reuse”, 2018, Koblenz
- Int. Symposium „Ecohydrology for the Circular Economy and Nature-Based Solutions towards Mitigation of Climate Change” (2017, Lodz)
- Podium: Wastewater – The Untapped Resource 2017, Bonn
- Int. Symposium on Water Diplomacy (2016, Stockholm)



Networks

National:

BMUB, BMVI, AA, BMBF, BMZ, DFG, GPCC, GRDC, Universities.

International:

IAHS, ERCE, ICWC, SWFP, IAS, ESA, CHR.

Supranational:

UNEP, FAO, UNESCO, WMO, WWAP, UN Water.

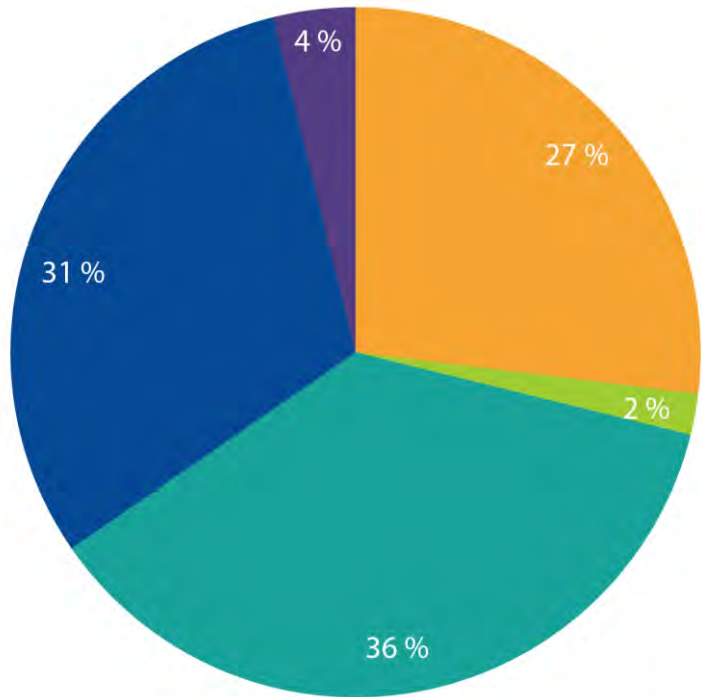


Visit the new GEMStat Portal at www.gemstat.org

The screenshot shows a web browser window displaying the GEMStat website. The browser's address bar shows 'gemstat.org'. The website has a blue header with the GEMStat logo and a navigation menu with 'ABOUT', 'DATA', 'VISUALISATION', 'NEWS', and 'CONTACT'. The 'DATA' menu is open, showing options for 'Data request', 'Metadata catalogue', 'Statistic reports', and 'Data submission'. The main content area features the GEMStat logo and a paragraph: 'The International Centre for Water Resources and Global Change (ICWRGC) operates the GEMStat water quality database in Koblenz, Germany, within the scope of the GEMS/Water Programme. Water quality data of ground and surface waters are made available by GEMStat.' To the right is a 3D map of the world with red dots indicating data locations. The footer contains logos for UNESCO, UN Water, UN Environment, bfg (Bundesinstitut für Umwelt und Arbeitsschutz), and the Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety. The Windows taskbar at the bottom shows the Start button, several open applications, and the system tray with the date 25.10.2017 and time 17:09.



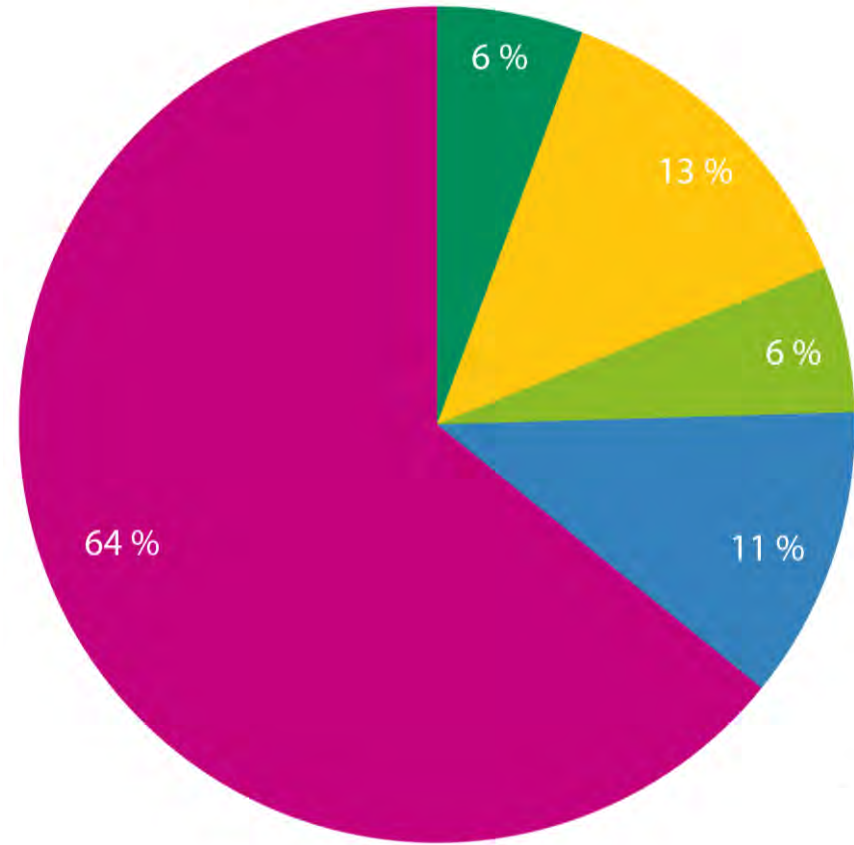
GEMStat data requests



- Africa
- Asia and the Pacific
- Europe
- Latin America and the Caribbean
- North America



International Centre for Water Resources and Global Change
Koblenz, Germany, Status: October 2017



- Academia
- Industry
- Governmental organisation
- Intergovernmental organisation
- Non-governmental organisation



International Centre for Water Resources and Global Change
Koblenz, Germany, Status: October 2017

An aerial photograph of Koblenz, Germany, showing the Rhine river winding through the city. The Ehrenbreitstein Fortress is visible on the left bank. A large blue and white barge is moving down the river in the foreground. The city is densely packed with buildings, and the surrounding landscape is green with trees and fields under a blue sky with light clouds.

Thank you for your attention

**International Centre for Water Resources and Global Change
Koblenz**

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