The Situation

- UN World Water Assessment Program:
- Face the World Water Crisis ⇒ Observe and Assess the Indicators ⇒ React to them:
- Map the World Freshwater Resources ⇒ Understand the Natural Water Cycle, the many Faces of Water
- Assess the Water Demand for a Growing, Urbanizing and Industrializing World Population -
- Secure a Sustainable Availability of Water for all Mankind -
  - and for the Ecosystems of the Planet
  - through Protection of all Water Resources by cleaner Agriculture, Industries, Traffic Systems, Water Treatment
  - through Collective Responsibility, by sharing Water Resources and by
- Water management: Stewardship and Governance,
- Mitigation of Risks
The Oceans

Gulf Stream, Sea Surface Temperature.
Surface Water

Sea Ice, Greenland

Aletsch Glacier

Mississippi

Amazon River

Yangtze River
Water and Agriculture
Water and Cities

Riyadh, 1972

Mexico City

Riyadh, 1999
Water and Disasters

Bangladesh

Bangladesh at the end of the Monsoon season.


Multitemporal radar image.
Symposium: Space and Water

The Agenda

16:00 Opening remarks by the Moderator
16:05 Role of Space-based Systems for Water Resources Management
   Dr. K. Radhakrishnan, ISRO, India
16:25 Advances in Systemic Observations of Surface Water and Marine Environment in Africa
   Dr. A. Belward, GEMU, European Commission
16:45 Space-based Data and Inter-jurisdictional Water Resources Management
   Ambassador. W. Lichem, Austria
17:05 Space and Water for Life
   Ms. Y. Berenguer, Earth Observation Section, UNESCO
17:25 Nigerian Perspective on Space and Water Resources Management
   Mr. J. Chabo, Federal Ministry of Water Resources, Nigeria
17:45 Latin American Perspective on the Use of Space Technology for Water Management
   Mr. C. Arevalo, Colombia
17:50 Discussion
17:55 Conclusions

Moderator: L. Beckel, Austria
Water - Functions and Threats
Space Technology and Water Management