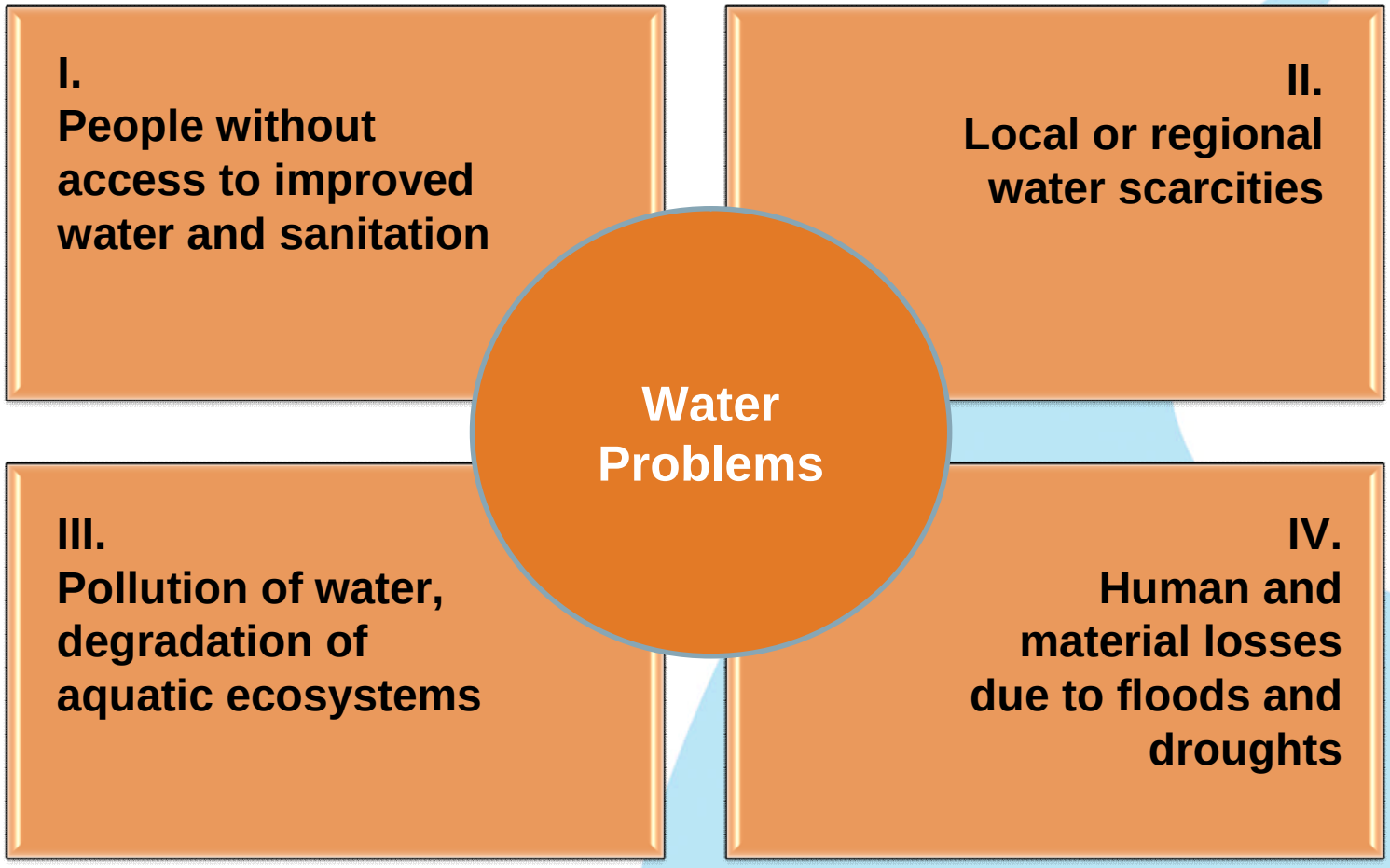
6 TH WORLD WATER FORUM

# Integrating Information for 21st Century Policies


TIME FOR SOLUTIONS

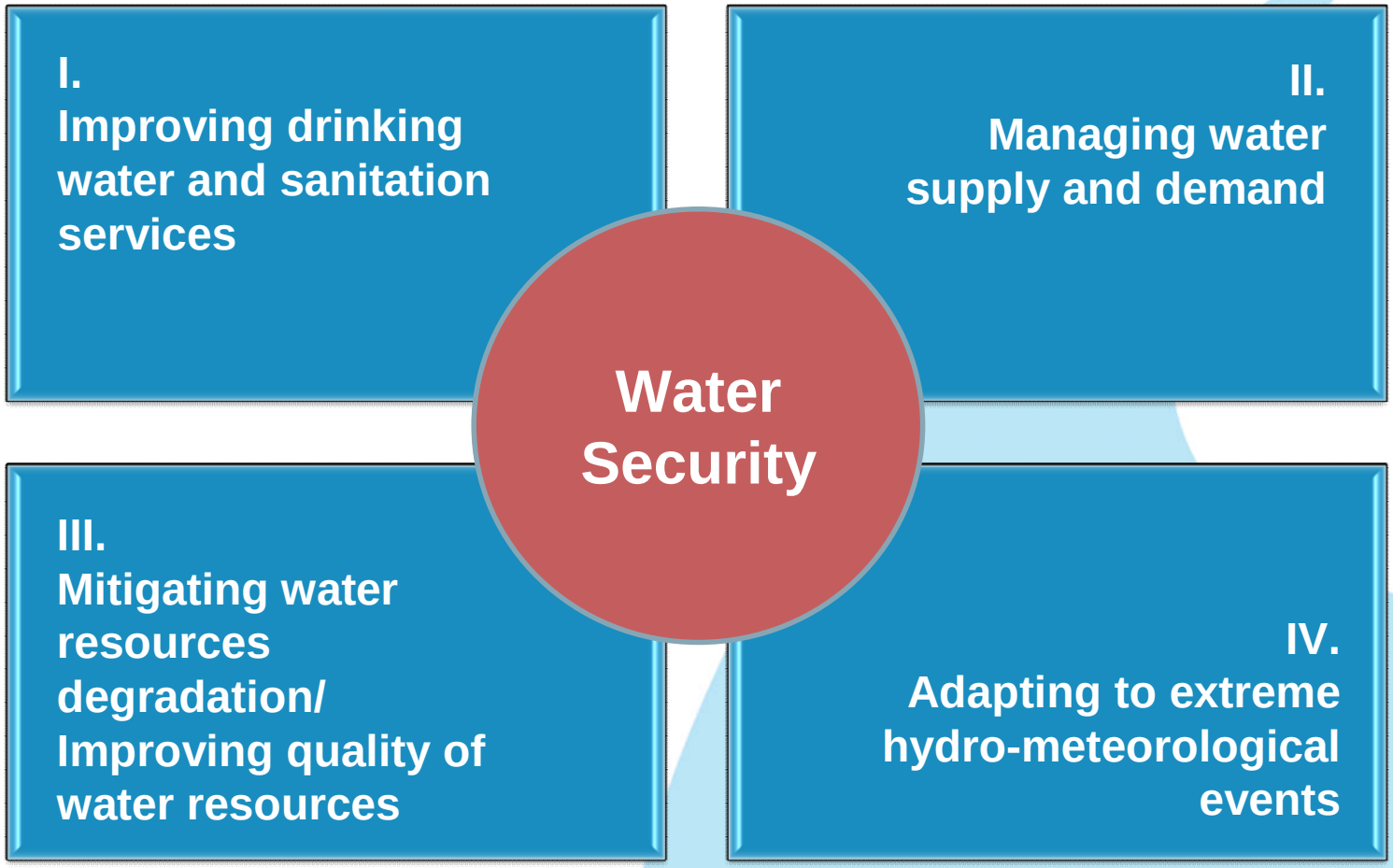
UN Statistics Division
13 March, 2012 session CS3.6.6

**Problems related with water cover a wide variety of issues. We can organize them in the following way:**




**Solving water problems is a precondition to achieving most of the Millennium Development Goals. It is also a precondition for sustainable development.**

**The following four quadrant structure provides a comprehensive framework for grouping broad water policy objectives.**




**The objectives in the quadrants should guide the data collection and compilation process.**

**The World Water Assessment Programme has identified at least 50 indicators, which can be arranged in the four groups of policy objectives.**

- Access to improved water
- Access to sanitation
- Rate of maintenance and cost recovery for water supply and sanitation
- …

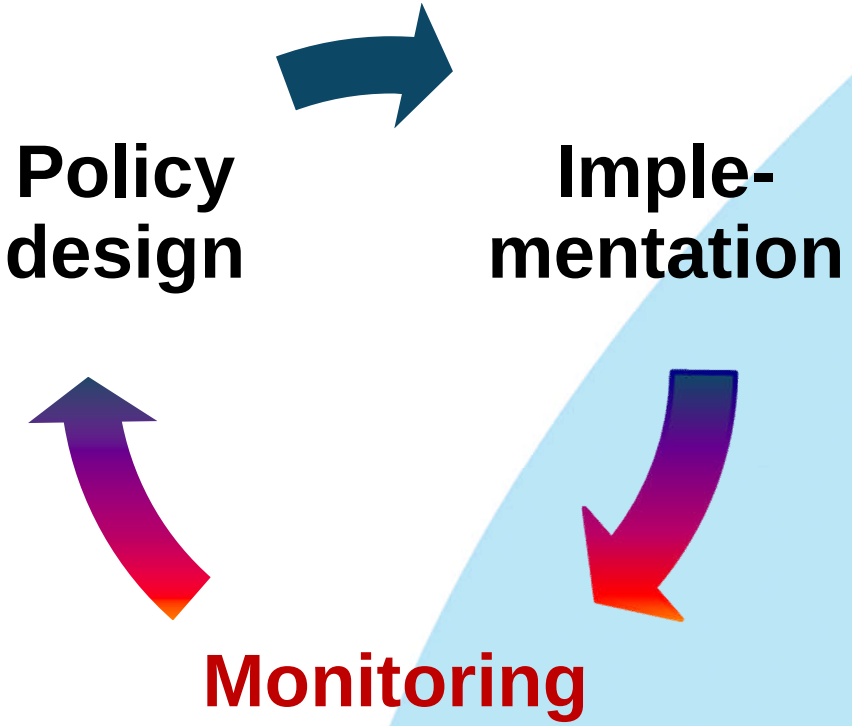
- Index of non-sustainable water use
- Relative water stress index
- Water reuse index
- …

- Organic pollution emissions
- Fragmentation and flow regulation
- Impact of sediment trapping by large dams and reservoirs
- …

- Coefficient of variation for the climate moisture index
- Climate vulnerability index
- Risk and policy assessment indicator
- …

**These indicators are interrelated and contribute to other development indicators which are out of the water sphere. Data is required to consistently produce these indicators.**

We need to create a virtuous cycle of data production. The cycle requires the mutual reinforcement of information production and policy needs .




This virtuous cycle of continuous improvement should exist at sub-national, national and international levels. This is how the International Statistical System works.

**Twenty years ago, in Rio, Member States agreed that a monitoring system should be created to support integrated policies related to the environment. Continuous efforts have been since then.**

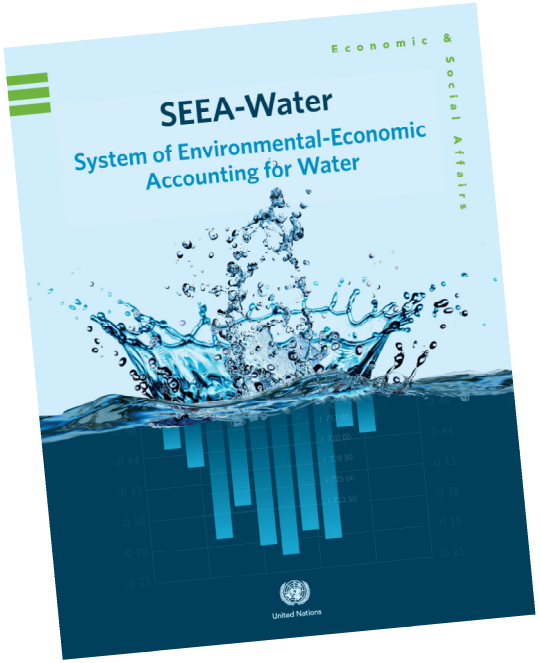
**In 1993 a handbook on Environmental Economic Accounts was adopted by the Member States. It was reviewed in 2003, and adopted in 2012 as an international standard.**

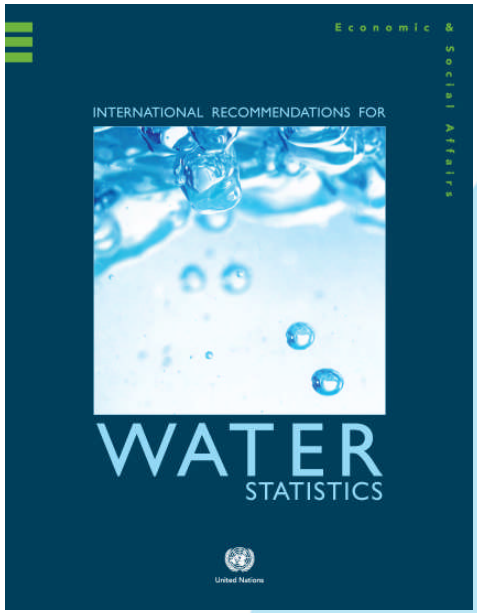
**In 2007 the System of Environmental-Economic Accounting for Water (SEEA-Water) was adopted.**

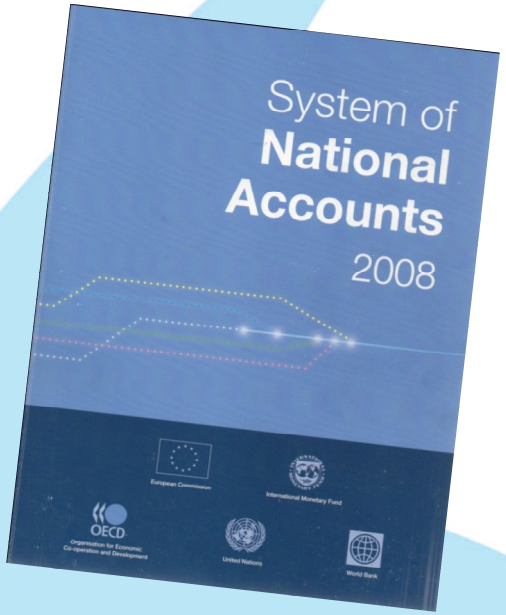
**In 2010 the International Recommendations for Water Statistics were adopted to assist countries in the implementation of SEEA-Water.**

**SEEA-Water is the first in a set of subsystems for environmental accounting. Other subsystems, such as energy, are being developed.**

**For the information system to work, it has to be based on internationally agreed methodologies, so that data is comparable, internationally and across disciplines.**




**The SEEA-Water, the International Recommendations for Water Statistics, and the System of National Accounts, among other internationally agreed methodologies, provide the basis for a global information system to support policy decisions.**

Thank you! / Merci!

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