

The Importance of **Operation and Maintenance** in Water Supply and Sanitation Services

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What is the WSSCC O&M Network?

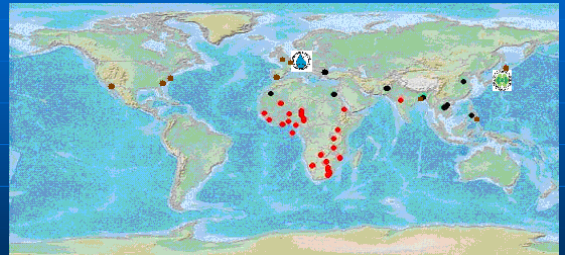
- WSSCC Operation and Maintenance (O&M) Network is one of the groups established by the WSSCC, Water Supply and Sanitation Collaborative Council.
- It is constituted by experienced and knowledgeable professionals from developed and developing countries.

Scope of the O&M Network

- To improve the sustainability of water supply and sanitation in urban, peri-urban and rural areas.
- Objectives
 - 1) Promotion and advocacy of O&M
 - 2) Dissemination of O&M tools
 - 3) Support of exchanging information

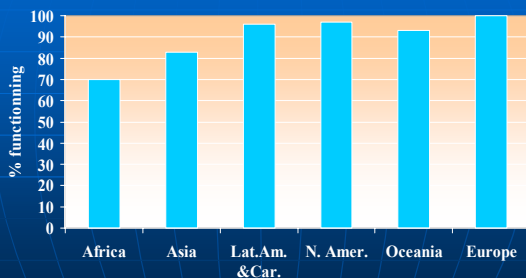


OM activities

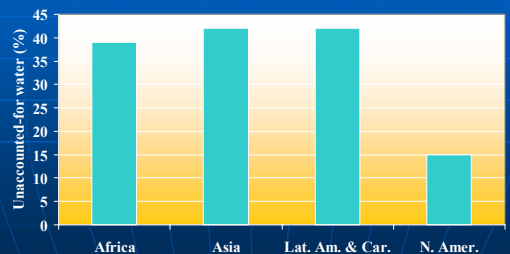


● Workshop ● Training ● Core-group member

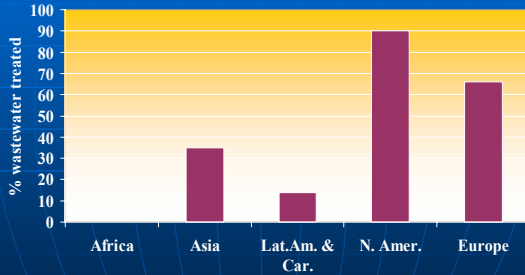
Median percentage of rural water supplies which are functioning, 1990-2000



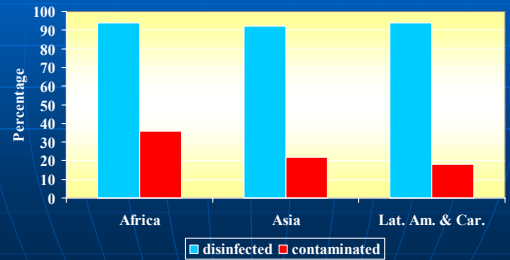
Mean rates of unaccounted-for water in large cities in Africa, Asia, Latin America and the Caribbean, and Northern America



Median percentage of wastewater treated by treatment plants



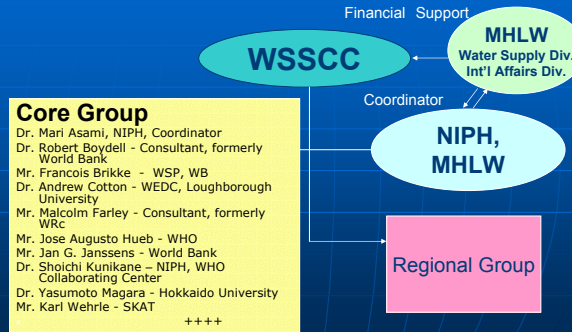
Percentage of water supplied which is effectively disinfected (free residual chlorine over 0.1 mg/l), and percentage of drinking-water quality test results that violate national standards (microbiological, chemical, physical, aesthetic)



Activities - Developed tools -

- Tools for Assessing the O&M Status of Water Supply and Sanitation in Developing Countries
- Operation and Maintenance of Rural Water Supply and Sanitation Systems (A training package for managers and planners).
- Operation and Maintenance of Urban water supply and sanitation systems (A guide for managers).
- Leakage management and control: A best practice training manual
- Upgrading of Water Treatment Plants.
- Linking technology choice with O&M - For Low-Cost Water Supply and Sanitation. -

Structure of the O&M Network



Future Directions ?

- Promotion and advocacy of O&M
 - 1) Holding workshops in collaboration with regional members
- Dissemination of O&M tools – technical support for O&M
 - 2) Revision of the O&M tools
- Supporting exchange of information
 - 3) Distribution of useful information to members

