

# Overview of the Pilot Projects -- Global HydroSOS Principles

Paul Pilon

Chief, Hydrological Forecasting and Water Resources  
Climate and Water Department



WMO OMM

World Meteorological Organization

Organisation météorologique mondiale

# Principles for Global System

- Must build on NMHS' responsibilities as being the *sole authoritative voice* for hydrological data, as well as for warnings and alerts of hydrometeorological hazards
- Must be *inclusive* of all WMO Member States
- Must be *achievable* (governance structure, design, development partners, number of pilot projects, finances to build)
- Must be *sustainable* (day-to-day operations and maintenance over the longer term, able to adopt new technologies over time)
- Must design projects as *proofs-of-concept* and *transboundary basin* pilots
- Must use *appropriate technologies and approaches* including innovative solutions
- Must make use, where appropriate, of *other existing initiatives*



# Principles for Pilot Projects

- Must adhere to global principles
- Must involve more rather than less Members
- Must be in *different Regions*
- Must recognize a *Member's right* not to participate in a specific project
- Must have participating Members pledge their support for *proofs-of-concept* and *transboundary basin* pilots
- Should *invite participation* of the respective WMO Regional Association's Working Group on Hydrology, basin authorities or other regional entities, as appropriate



# Principles for Participating Members in Pilot Projects

- Must *adhere* to global and pilot project principles
- Must *agree* to share data and products freely and openly
- Must *document* strong national needs for system products
- Must *agree* to use and adopt new technologies and approaches



# Thank you Merci



**WMO OMM**

World Meteorological Organization  
Organisation météorologique mondiale