

**International Centre for Water Hazard and Risk Management (ICHARM), Japan**  
**Mr. Noriyuki MORI @ Roundtable 2: Capacity Development**

I am MORI from ICHARM, Japan, it stands for the International Centre for Water Hazard and Risk Management. ICHARM is a Category 2 Center of UNESCO-IHP and serves as a Center of Excellence for water-related disaster risk reduction, conducting innovative research, capacity building, and information networking.

For resilience and sustainability against water-related disasters, it is important to increase the understanding and collaboration of all stakeholders in river basins. However, each basin has its own uniqueness, facing different problems, nurturing indigenous knowledge and experiences, and requiring site-specific solutions. Moreover, beyond direct damage to natural and artificial environments, water-related disasters impact the water-food-energy-nexus and the quality of life, including health, education, labor and poverty. Given this nature of the disaster, inter-sectoral cooperation and actions are essential. Thus, it is crucial to foster “Facilitators,” that is, catalytic beings capable of integrating and translating interdisciplinary scientific and indigenous knowledge for all stakeholders to cooperate in building social consensus in their river basin.

To foster facilitators, the science and technology community should promote the integration of scientific knowledge about the water cycle, particularly focusing on the fields of observation, modeling, and data and information. This interdisciplinary knowledge integration is called "consilience." ICHARM is developing an integrated digital platform for the consilience and implementing pilot projects for the capacity development of facilitators by using the platform and hands-on training in selected river basins of the Philippines, Indonesia, Sri Lanka, and West Africa. We are also planning to expand this activity in other countries and river basins under international cooperation.

Thank you for your attention.