UNESCO- Chairs Webinar World Water Day













Closing Remarks

Assoc Prof. Dr. Sucharit Koontanakulvong UNESCO Chair, Chulalongkorn University Present at UNESCO Chairs Webinar 2024 March 21, 2024











Findings

- Session 1 (planning:CC, disaster, adaptation, resilient)
- Data-Driven Solutions for Water Management and Policy, addressing four pain points (Thailand).
- Policy adjustment should be strengthened to achieve the SDGs target in the future, the COVID 19 Pandemic tends to change people's behavior, consumption adjustment, and priority orders that should be considered in the future (Indonesia).
- National Water Balance Management System 19 basins, water priority, water appropriation, water quality, water audit (Malaysia).

Water for prosperity and peace









Findings

- Session 2 (Asia samples: dam, land management, NBS)
- Water right or water entitlement among 5 countries, Water saving, for instance drip irrigation, Most important: no land expansion among 5 countries (China).
- Integration of countermeasures for each level/worst scenario since Nature becoming rough, Hazard Map is not enough to protect people. New Design Philosophy Necessary (Climate Change) (Japan).
- Using NBS to address urban water climate issues. exist. We need to integrate nature into infrastructure as we build it (Australia).

Water for prosperity and peace







Findings

- Session 3 (ASEAN samples :
 - water saving through IOT, micro water power, NBS)
- The combined scheme of hard, soft and people ware enhance water use efficient, reduce water conflict and increase farmer incomes (Thailand).
- It is necessary to encourage the use of water energy to produce clean energy. Micro-scale strengthening can be a priority to develop community participation (Indonesia).
- Nature-based solutions (NBS) can be vital to the sustainable river management (care) and use of nature for tackling socio-environmental challenges. Community can be main driver for this approach (Malaysia).













Announcement: Policy Brief



Partnership Enhancement in Water Management in Asia and the Pacific

5. Koontanakulvong, P. Ruangrassamee

Acknowledgements

This policy briefs preparation was administered by the UNESCO Chair in Water, Disaster Management and Climate Change at the Chulalongkorn University, Thailand with collaborations from Birmingham Institute for Sustainability & Climate Action and UNESCO Chair in Water Science, United Kingdom, UNESCO Chair in Water, Energy and Disaster Management for Sustainable Development, (WENDI) at the Disaster Prevention Research Institute (DPRI) Kyoto University, Japan, and the Regional Humid Tropics Hydrology and Water Resources Centre for South-East Asia and the Pacific (Humid Tropics Centre Kuala Lumpur), Malaysia. We would like to acknowledge the contributions from all of the authors of the eight case studies. We are thankful to the three reviewers of the case studies, Professor Shigenobu Tanaka, Kyoto University, Japan, Associate Professor Ir. Dr. Mohd Adib Bin Mohammad Razi, Universiti Tun Hussein Onn, Malaysia, and Ms. Chawee Wongprasittiporn, Office of the National Water Resources, Thailand. Thanks are given to the speakers, collaborators and participants of UNESCO webinar on Partnership and Cooperation Enhancement in Water Management in Asia Pacific region on March 23, 2023 which gave valuable comments and recommendations to be added to this policy briefs. Lastly, special thanks to UNESCO, without the support from UNESCO, this report could not be issued.









Thanks to

- UNESCO Bangkok, Jakarta, HQ
- National Research Council of Thailand, NRCT
- Asia Pacific Centre for Ecohydrology (APCE) UNESCO C2C, Indonesia
- the Regional Humid Tropics Hydrology and Water Resources Centre for South-East Asia and the Pacific (Humid Tropics Centre Kuala Lumpur, HTC), Malaysia.
- All honorable speakers, commentators and participants and Chulalongkorn University (CU).

Water for prosperity and peace











UNESCO- Chairs Webinar World Water Day

Water for Prosperity and Peace