

Outline of 17th WLC Workshop

Topic	Role of information platform for integrated lake basin management (ILBM) in Asia: Lessons and pathways for SDGs
Date and Time	October 16 (Tue.) 18:00 - 20:00 (2 hours)
Venue	Conference Room 303 at Tsukuba International Congress Center
Organizers	SATREPS project (Establishment of Environmental Conservation Platform of Tonle Sap Lake), Institute for Global Environmental Strategies (IGES), Tokyo Institute of Technology, and Institute of Technology Cambodia
Background and objectives	<p>Lakes in Asia have experienced significant changes over the last few decades amid the regions' rapid pace of economic development. Development pressures, urbanisation, trade, navigation, fishing, and other drivers, have caused tremendous impacts on the lake environment and its ecosystem, including, disruption to lake hydrology, eutrophication, loss of biodiversity and encroachments. Developed countries like Japan managed to control the serious environmental disruption, and to reverse the certain aspects of the damages caused by the early stage of rapid economic development such as in the Lake Biwa. However, lakes in developing Asian Countries with unique lake ecosystems, such as the Laguna Lake in the Philippines and the Tonle Sap Lake in Cambodia, are facing multiple environmental and management challenges due to existing and new drivers. Information is key to designing policies and for implementing actions on the conservation of the lakes and their basins in an integrated manner. Needs for better scientific data are increasingly relevant due to little understanding about the impacts of climate change on hydrodynamics, temperature gradient, water quality, phytoplankton, and ecosystem health of the lake systems. As we are navigating into the new era of Sustainable Development Goals (SDGs), there will be even higher demands for updated and reliable information to track the progress of SDG targets on aquatic ecosystem such as Targets 6.6, 14.7, 15.1, 15.8.</p> <p>There is an increasing need for scientific data and information for bridging the science-policy interface with regards to integrated management of lake basins. The proposed workshop aims to discuss on the needs and modality of information platform that could be promoted as a part of the integrated management of lake basins. For that purpose, this workshop aims to connect unique management and governance approaches of three major lake systems in Asia: the Lake Biwa in Japan, the Tonle Sap Lake in Cambodia, and the Laguna Lake in the Philippines. The specific objectives are:</p> <ul style="list-style-type: none"> • Understanding the complexity of managing lake environment in Asia and the role of information platform. • Discuss effective approaches for establishing an information platform for the integrated management of the lake and its basins based on the experiences of the Lake Biwa, Japan, the Lake Laguna, the Philippines, and the Tonle Sap Lake, Cambodia. • Improving the participation of stakeholders in the establishment, use, and management of lake information platform

PROGRAM

17:30-18:00	Registration of participants	
MC: Dr. Rajendra Khanal, Tokyo Institute of Technology		
18:00-18:05	Welcome remarks	Prof. Chihiro Yoshimura, Tokyo Institute of Technology
18:05-18:15	Framing Presentation	Dr. Binaya Raj Shivakoti, IGES
Presentation by the Panelists		
18:15-18:25	A Case of the Lake Biwa Story, Japan	Prof. Masahisa Nakamura, ILEC/Shiga University
18:25-18:35	The Legacy of Laguna Lake Development Authority, the Philippines	Dr. Adelina C. Santos-Borja, Laguna Lake Development Authority (LLDA)
18:35-18:45	Establishment of the Tonle Sap Authority and its Impacts, Cambodia	His Excellency Hel Tony, Tonle Sap Authority (TSA)
Panel Discussion		
18:45-19:55	<ul style="list-style-type: none"> -What should be the key functions of lake information platform? -What should be the role of various stakeholders (data provider, users, decision makers etc)? -How to make lake information platform an effective medium for linking science and policy decisions as well as for tracking progress of SDG targets? -Q&A (about 10 minutes) 	<p><u>Chair:</u> Prof. Hironori Hamanaka, IGES</p> <p><u>Panelists:</u> Prof. Masahisa Nakamura, ILEC/Shiga University Dr. Adelina C. Santos-Borja, LLDA; His Excellency Hel Tony, TSA; Prof. Chihiro Yoshimura, Tokyo Institute of Technology</p> <p>Recorder: Dr. Rajendra Khanal, Tokyo Tech, and Dr Nishiyama, Yamagata U.</p>
19:55-20:00	Chair Summary and closing remarks	Prof. Hironori Hamanaka, IGES