



上智大学  
SOPHIA UNIVERSITY



The 12th international symposium of ecohydraulics 2018 was held in Tokyo from August 19 – August 24. This symposium joins professionals working in different disciplines ranging from hydrology, ecology, geomorphology, and biology among others, to discuss global issues related to environmental degradation, sustainable development goals, modeling, and integrated management. Members of the [Global Environmental Studies \(GENV\)](#) department as well as researchers in the [Global Environmental Studies Branding project](#) presented their research results in the session: Sustainable river basin management looking from institutional and cultural perspectives, which was chaired by **Professor Huang Guangwei**. **Dr. Han Xue**, an active member and researcher at the branding project institute, showed the urbanization impacts on nonpoint sources and different ways of modeling and predicting them, with his work titled: *Quantitative Estimation of Urbanization Impacts on Non-Point Source Pollution Export in the Pingqiao River Basin, China, Using a Spatial Hydrograph-Separation Approach*. **Professor Mikiko M. Sugiura**, who's currently an associate professor in the center for Global Education and Discovery in Sophia University, talked about Integrated River Basin Management, focusing on its implementation in the Watarase Wetland with the work: *Watarase-Yusuichi as Integrated River Basin Management*. The following presenter **Mr. Masahiro Enomoto**, currently working for the Ministry of Agriculture in Japan, and a PhD candidate in GENV, explored ways in which women and small holders participation can be enhanced in the water consumption decision process, with the work titled: *Well-Being, Capabilities, sustainability – Empowerment and Participation of Smallholders and Women in Community Based Irrigation Management*. **Dr. Shiina Suzuki**, who's currently undergoing her post doc in GENV, discussed about environmental policy and cultural values with the work: *Conservation of the River and its Cultural Value in the Environmental Treaties*. The final presenter was **Alejandro Diaz Aragon** a Ph.D candidate who showed a different perspective on Eutrophication problems in lake Kasumigaura with the work: *Estimation of Nutrient Loadings in Kasumigaura Lake's Outflow to Tone River Using a Box Model Approach*. The symposium provided an appropriate space to share different views and opinions on environmental and sustainable issues from various perspectives and contributed to community building putting together experts working on water resources from all around the world.



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