International workshop on human-induced environmental problems in coastal zones

【Date】
24-25 August 2017

【Venue】
The multipurpose room in the 4th floor of no.3 building in Faculty of agriculture, Okayama University (Tsushima-campus)

【Objective】
This international workshop aims to offer a platform to exchange information of previous research about human-induced environmental problems in coastal zones and contribute to the progress of collaborative research among the researchers.

【Program】
(24 August)

13:00 Opening address Kenji Okubo (Okayama Univ., Japan)
13:05 Keynote 1: Urbanization and water environment problems in Asian megacities Shin-ichi Onodera (Hiroshima Univ., Japan)
13:30 Keynote 2: Eco-hydrological processes in a small monitoring coastal catchment Jianyao Chen (Sun Yat-sen Univ., China)
13:55 Aquatic environmental changes and anthropogenic activities reflected by the sedimentary records of the Shima River, Southern China Lei Gao (Sun Yat-sen Univ., China)
14:10 Water and nutrient cycles in agricultural watershed Yuta Shimizu (NARO/WARC)
14:25 Break
14:35 Submarine groundwater discharge and its effect on coastal ecosystems in Seto Inland Sea Mitsuyo Saito (Okayama Univ., Japan)
14:50 Nutrient cycling in Kojima Lake- Bay continuum, Okayama Guangzhe Jin (Hiroshima Univ., Japan)
15:05 Fate and ecological risk of personal care products in the creek flowing through sewered undeveloped area in Japan Ikumi Tamura (Okayama Univ., Japan)
15:20 Keynote 3: Change and problems of water environment due to urbanization in Hanoi, Viet-Nam Takeshi Hayashi (Akita Univ., Japan)
15:45  Poster session  
Kunihide Miyaoka (Mie Univ., Japan): Water environmental problems in Brazil  
Zhuobin Liang (Sun Yat-sen Univ., China): Hydrogeochemical characterization and pollution sources identification of groundwater in Qingyuan City, China  
Zhiping Ye (Sun Yat-sen Univ., China): Heavy metal provenance tracing and reconstruction from sedimentary record in the Pearl River estuary  
Zhuowei Wang (Sun Yat-sen Univ., China): Spatial and seasonal geochemical characteristics of groundwater associated with flow system and source identification in Liuxi River Catchment  
Shaoheng Li (Sun Yat-sen Univ., China): Heat as tracer and geochemical method applied in Leizhou Peninsula  
Yusuke Tomozawa et al. (Hiroshima Univ., Japan): Groundwater flow and salinization in Okayama Plain  
Fandy Tri Admajaya et al. (Hiroshima Univ., Japan): Seasonal and annual variations in hydrological elements in a Japan Sea side and Seto Inland Sea side catchments, using SWAT model  
Minami Morita et al. (Hiroshima Univ., Japan): SGD observations in a Seto Inland Sea coastal line  
Yuki Ohira et al. (Hiroshima Univ., Japan): Spatial variations in stable isotopic and biogeochemical properties from the altitude of 0m to 1900m in highest mountains, Ishizuchi, in western Japan  

17:00  Closing  

18:30  Welcome party (The restaurant in the 4th floor of “Peach-union”)  

(25 August)  
9:00  Keynote 4: Evaluation of subsurface warming in the Tokyo metropolitan area, Japan  
Akinobu Miyakoshi (AIST, Japan)  

9:25  Keynote 5: The water resource problems in Jakarta city, Indonesia  
Robert Delinom (LIPI, Indonesia)  

9:50  Keynote 6: Groundwater vulnerability in Semarang coastal cities  
Rachmat Fajar Lubis (LIPI, Indonesia)  

10:15  Break  

10:25  Estimation of chlorophyll-a concentration on an inland lake by using satellite data  
Toru Iwata (Okayama Univ., Japan)  

10:45  Lake water circulation and material transport processes  
Kenji Okubo (Okayama Univ., Japan)  

11:05  General Discussion  

11:50  Closing address  
Mitsuyo Saito (Okayama Univ.)
Venue; No.3 building Faculty of Agriculture

Okayama Univ. guesthouse

Welcome party: Peach-union