

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

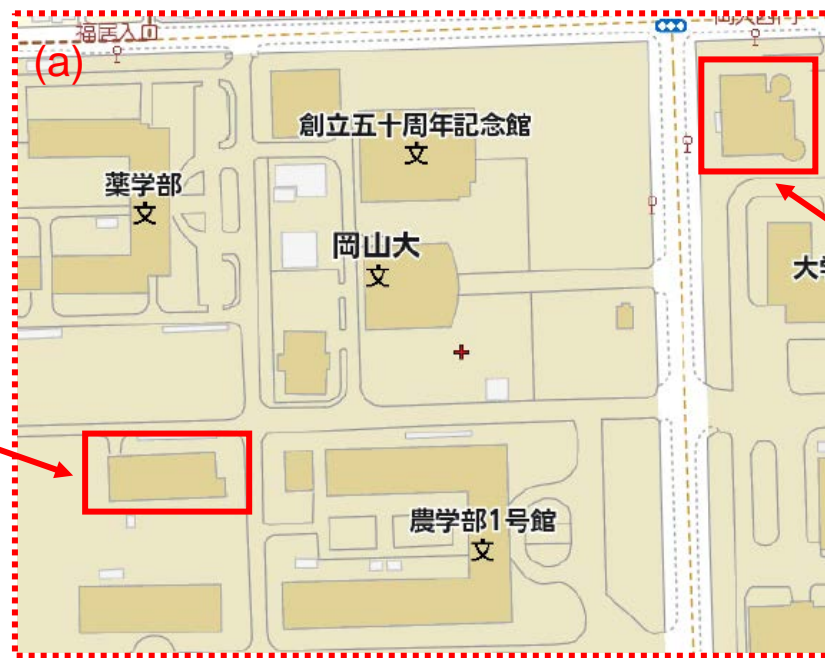
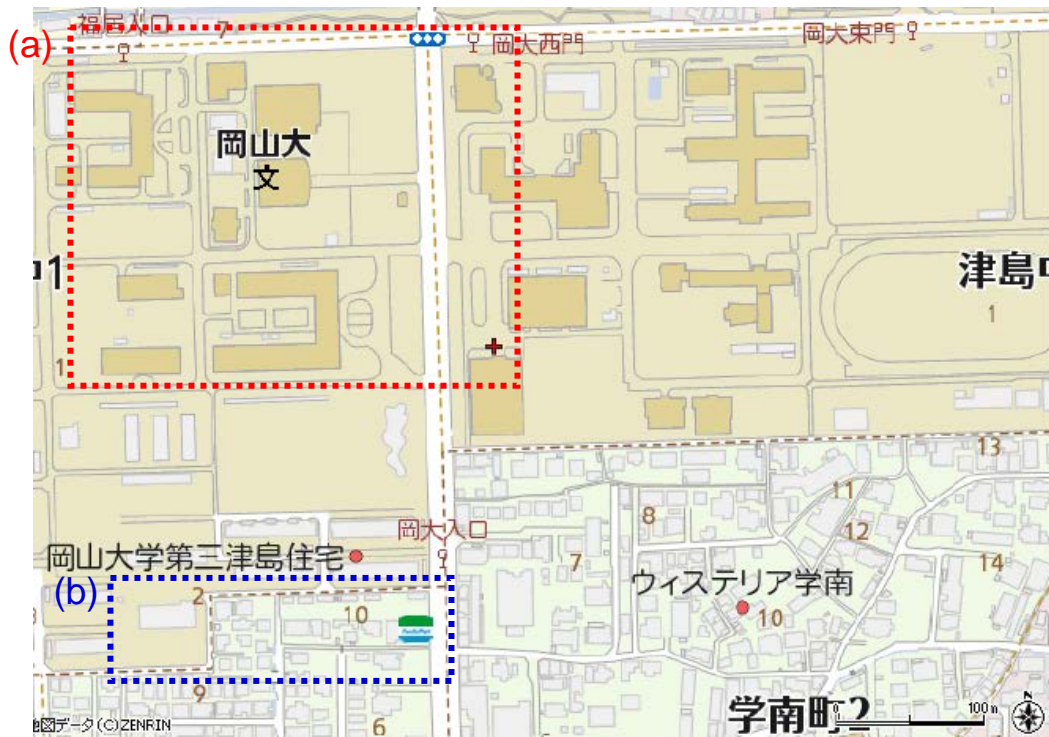
Kenji Okubo (Okayama Univ., Japan)

11:05 General Discussion

11:50 Closing address

Mitsuyo Saito (Okayama Univ.)

【Location map】



Venue;
No.3 building
Faculty of
Agriculture

Welcome party:
Peach-union

Okayama Univ.
guesthouse

