

ISEE (Institute for Space-Earth Environmental Research) Workshop:

Approaches for Hydrospheric-Atmospheric Environmental Studies in Asia-Oceania

Date: November 8 (Friday) - 9 (Saturday), 2019

Place: Nagoya Univ., Higashiyama Campus, Research Institute-Building II 409

<http://www.isee.nagoya-u.ac.jp/en/access.html>

8th Nov. (Fri.)

Chair: Yukio Masumoto

13:05-13:45 [Keynote] Dynamics of SST warming in the Indonesian Seas

Iskhaq Iskandar (Universitas Sriwijaya)

13:45-14:10 On the coastal upwelling signal observed along the southwestern coasts of Sumatra and Java

Takanori Horii (JAMSTEC)

14:10-14:35 Satellite-based estimation of air-sea heat flux for typhoon studies

Hiroyuki Tomita (ISEE, Nagoya Univ.)

14:35-14:45 Break

Chair: Joji Ishizaka

14:45-15:10 Fingerprint of climate change on Indo-Pacific coastal biological production

Eko Siswanto (JAMSTEC)

15:10-15:35 15-year surface chlorophyll-a variations in the upper Gulf of Thailand

Jutarak Luang-on (ISEE, Nagoya Univ.)

15:35-16:00 Seasonal and interannual variability of sea surface chlorophyll-a in the Gulf of Thailand

Dudsadee Leenawarat (ISEE, Nagoya Univ.)

16:00-16:25 Interannual variability of marine ecosystem in the Kuroshio Extension region

Yoshikazu Sasai (JAMSTEC)

16:25-16:35 Break

Chair: Shoichiro Kido

16:35-17:00 Mesoscale precipitation systems and their role in the rapid development of a monsoon depression over the Bay of Bengal

Hatsuki Fujinami (ISEE, Nagoya Univ.)

17:00-17:25 Relationship between sea surface temperature and rainfall in the Philippines during the Asian summer monsoon

Hiroshi Takahashi (Tokyo Metropolitan Univ.)

17:25-17:50 Modified view of eddy-mean flow interaction rates

Takuro Matsuta (Univ. Tokyo)

19:00- Reception

9th Nov. (Sat.)

Chair: Takanori Horii

9:15-9:40 Current status of UN Decade of Ocean Science

Kentaro Ando (JAMSTEC)

9:40-10:05 Direct estimates of turbulent mixing in the Indonesian Seas and its impact on the water-mass transformation

Taira Nagai (Univ. Tokyo)

10:05-10:30 The history of formation of the semi-closed Japan Sea, inferred from seawater Nd isotopes

Yukiko Kozaka (ISEE, Nagoya Univ.)

10:30-10:55 Reconstruction of marine environment using coral geochemical records from Java Sea

Ai Genta (Okayama Univ.)

10:55-11:10 Break

Chair: Yuki Kanno

11:10-11:35 Impact of ocean resolution on SST and precipitation over the Indian Ocean in a coupled GCM

Yoko Yamagami (Univ. Tokyo)

11:35-12:00 Tropical cyclone activity in ensemble simulations using a high resolution nonhydrostatic model

Yohei Yamada (JAMSTEC)

12:00-12:25 Application study of climate variability to cholera outbreak (PODCAST project)

Tomomichi Ogata (JAMSTEC)

Conveners: T. Ogata, T. Horii, Y. Masumoto, and H. Aiki

