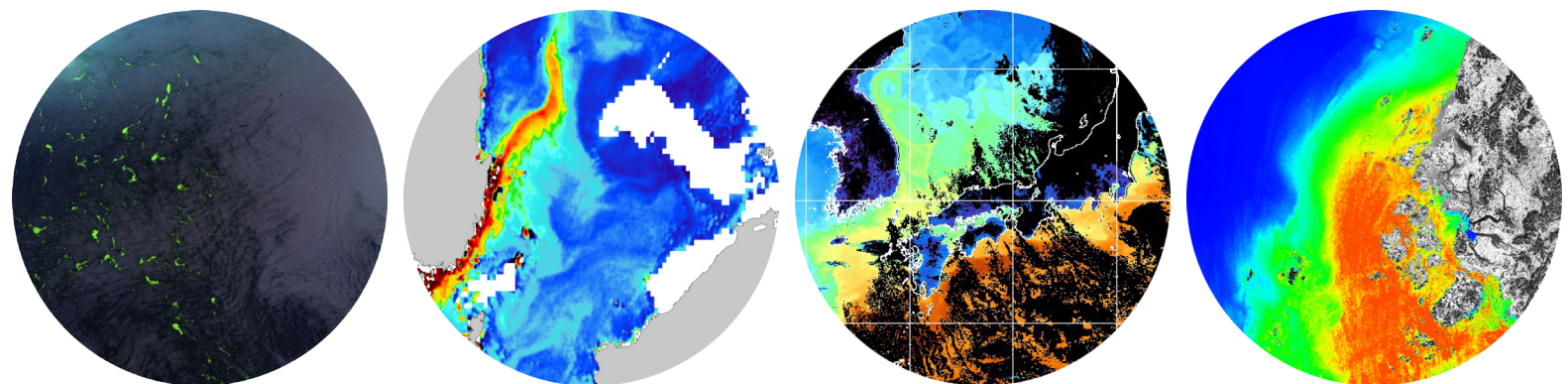


The 6th Japan-Korea Workshop on
**OCEAN COLOR
REMOTE SENSING**

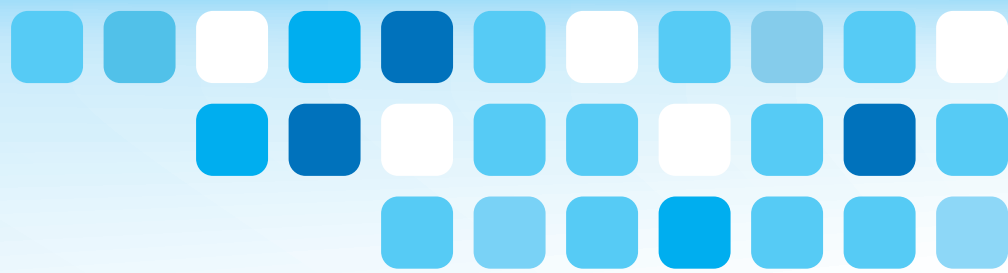


10~11 December 2009
Sapphire Hall, Guest House,
Hanyang University ERICA campus,
Ansan, Korea

Program

10 December, 2009

09:00~09:20	Registration
09:20~09:30	Opening address - Ahn, Yu-Hwan & Ishizaka, Joji
09:30~10:10	Satellite / Chaired by H.R. Yoo
09:30~09:50	Ahn, Yu-Hwan(KORDI) Status of the GOCI I and GOCI II user requirements
09:50~10:10	Ishizaka, Joji(Nagasaki U.) Status of the GCOM-C
10:10~10:40	Coffee break
10:40~12:20	Application / Chaired by J. Ishizaka
10:40~11:00	Ishizaka, Joji(Nagoya U.) New initiative of ocean color data use as a part of countermeasure against red tide
11:00~11:20	Tagami, Toru (Nagoya U.) Influence of convergent and divergent currents to daily change of satellite chlorophyll a in Ariake Bay
11:20~11:40	Jeong, Jong-Chul(Namseoul U.) Application of MODIS data merging methods for GOCI level 3 product
11:40~12:00	Saitoh, Sei-Ichi(Hokkaido U.) Research and development of fisheries-GIS system using integrated marine information with satellite data and numerical modeling
12:00~12:20	Iida, Takahiro (NIPR) The relationship between climate variability and spatio-temporal development mechanisms of <i>Emiliana huxleyi</i> blooms in the eastern Bering Sea shelf
12:20~14:00	Lunch time
14:00~15:40	Ocean Color Algorithms & CAL/VAL / Chaired by S. Saitoh
14:00~14:20	Tingwei, Cui(FIO) Assessment of the YOC algorithms in the Yellow Sea
14:20~14:40	Moon, Jeong-Eon(KORDI) Comparison of chl-a algorithms with the empirical & fluorescence methods in the Yellow and East China Seas



14:40~15:00 Kobayahsi, Hiroshi(Yamanashi U.)
Water-leaving radiance measured with covered radiometers

15:00~15:20 Ryu, Joo-Hyung(KORDI)
CAL/VAL plan for GOCI

15:20~15:40 Yamaguchi, Hisashi(Nagoya U.)
Development and validation of a new empirical satellite chlorophyll a algorithm in the Yellow and East China Seas with relation to suspended sediment concentration

15:40~16:10 Coffee break

16:10~17:50 Ocean Environmental Monitoring / Chaired by S. Yoo

16:10~16:30 Hirawake, Toru (Hokkaido U.)
Light absorption based estimation of primary production using ocean-color data

16:30~16:50 Kim, Hyun-Cheol(KOPRI)
Chlorophyll-a variation related to sea-ice retreat around Svalbard, Arctic Sea

16:50~17:10 Makino, Takashi(Nagasaki U.)
Variability of surface chlorophyll-a in the Tsushima Strait: Influence of the East China Sea shelf water

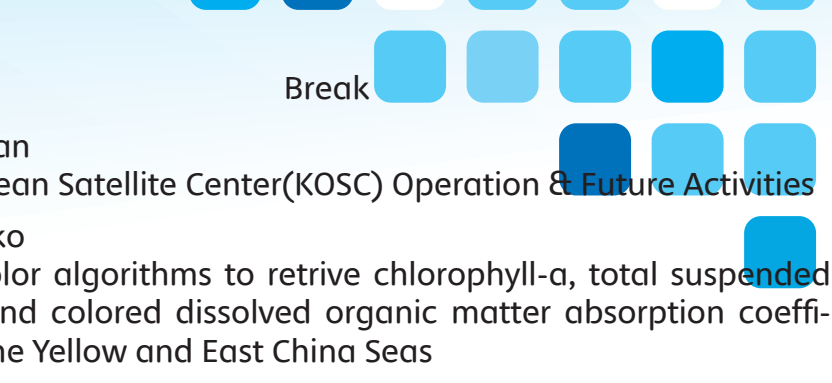
17:10~17:30 Yamada, Keiko(NFRDI)
Satellite primary production in the East/Japan Sea estimated in consideration of influence of atmospheric aerosol

17:30~17:50 Park, Kyung-Ae(Seoul N. U.)
Unprecedented coastal upwelling in the East/Japan Sea and biological impact

18:00~20:00 Welcoming party

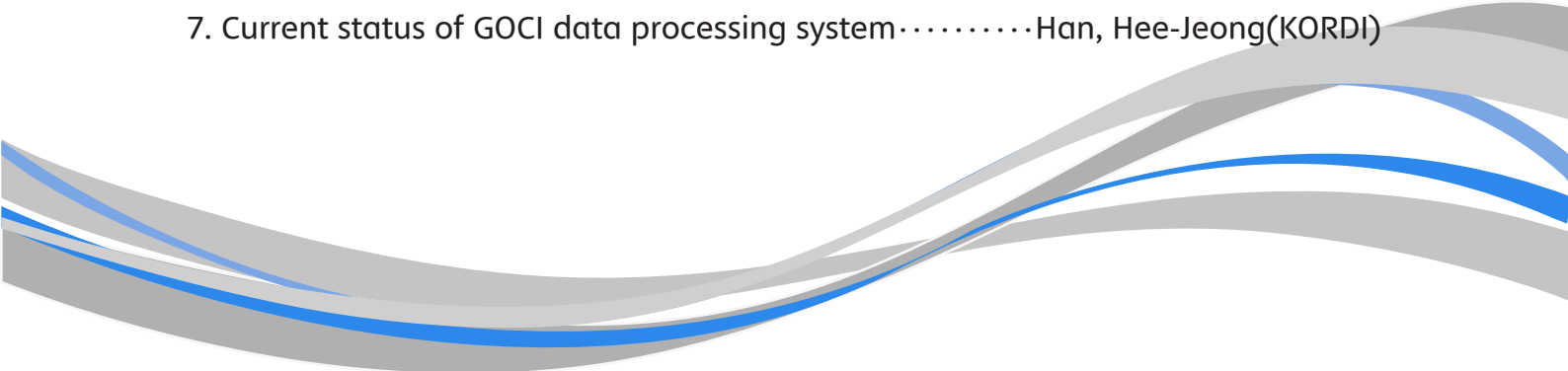
11 December, 2009

09:00~10:20	Atmosphere / Chaired by Y.H. Ahn
09:00~09:20	Lee, Kwon-Ho(Kyungil U.) Development of atmospheric correction algorithm for using COMS/ GOCI data
09:20~09:40	Lee, Jaehwa(Yonsei U.) Preliminary study on remote sensing of aerosol optical properties around the Korean peninsula from Geostationary Ocean Color Im- ager
09:40~10:00	Sohn, Byung-Ju(Seoul N. U.) Development of a GOCI radiometric calibration algorithm - radia- tive transfer modeling
10:00~10:20	Cho, Seongick(KORDI) In-orbit radiometric calibration of GOCI
10:20~10:40	Coffee break
10:40~12:00	Red Tide / Chaired by H. Kawamura
10:40~11:00	Kishino, Motoaki(U. of Tokyo) Colors of red tides: Experimental studies of color of phytoplankton
11:00~11:20	Moon, Il-Ju(Jeju U.) Monitoring and simulations of floating green algae
11:20~11:40	Son, Young Baek(Nagoya U.) Detection of <i>Cochlodinium polykrikoides</i> blooms using spectral clas- sification in the South Sea of Korea (SSK)
11:40~12:00	Widhiyanuriyawan, Denny(Pukyong N. U.) Spatio-temporal variations of harmful algal blooms in the south sea of the Korea
12:00~13:30	Lunch time
13:30~16:50	YOC/KJWOC joint workshop / Chaired by H. Kawamura
13:30~13:40	Kawamura, Hiroshi Workshop opening and fixing the agenda
13:40~14:00	Kawamura, Hiroshi YOC overview and future (Tentative)
14:00~14:20	Yoo, Sinjae
14:20~14:40	Toratani, Mitsuhiro Atomospheric correction algorithm in high turbid water



14:40~15:00	Tingwei, Cui
15:00~15:20	Break
15:20~15:40	Ahn, Yu-Hwan Korea Ocean Satellite Center(KOSC) Operation & Future Activities
15:40~16:00	Siswanto, Eko Ocean color algorithms to retrieve chlorophyll-a, total suspended matter, and colored dissolved organic matter absorption coefficient in the Yellow and East China Seas
16:00~16:20	Yamaguchi, Hisashi Development and validation of a new empirical satellite chlorophyll a algorithm in the Yellow and East China Seas with relation to suspended sediment
16:20~16:40	Ishizaka, Joji What do we need for next step for the international collaboration?
16:40~16:50	Closing
17:00~18:00	YOC meeting

POSTER presentation

1. An improved method for estimating sea surface currents based on SeaWiFS chlorophyll-a ocean color image.....Kim, Eung(KORDI)
 2. Relationship between satellite chlorophyll blooming and sea-ice retreat in the north JES.....Kim, Hyun-Cheol(KOPRI)
 3. BRDF and atmospheric correction for GOCI.....Min, Jee-Eun(KORDI)
 4. Role of sea ice on spring bloom in the northern East/Japan Sea.....
.....Park, Kyung-Ae(Seoul N. U.)
 5. Monitoring of sea surface temperature in the coastal sea using the thermal infrared satellite data.....Yoon, Suk(KORDI)
 6. Regionally-optimized composite method of SeaWiFS chlorophyll-a concentration to the East/Japan Sea.....Chae, Hwa-Jung(Seoul N. U.)
 7. Current status of GOCI data processing system.....Han, Hee-Jeong(KORDI)
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