

Appendix 3: Course Program

Monday, 3 September 2007

09:00-09:20 Opening Ceremony and Course Orientation

09:20-10:50 Lecture on Introduction - Remote sensing for the Northeast Asian Seas

Dr. Hiroshi Kawamura

11:00-12:30 Lecture on Atmospheric correction and bio-optical algorithm for ocean color remote sensing

Dr. Ichio Asanuma

13:30-14:20 Lecture on Introduction to satellite data distribution systems

Dr. Joji Ishizaka

14:20-15:10 Lecture on Operational oceanographic data exchange and NEARGOOS Regional Real Time Data Base

Mr. Takashi Yoshida

15:20-16:10 Lecture on Introduction of RDMDB (NEAR-GOOS) & Data Management at JODC

Mr. Eiji Mukainaka

16:10-17:00 Basic exercise on WIM/WAM

Hand-on exercises on Familiarizing with satellite data distribution system

Dr. Mati Kahru (WIM/WAM)

Lecture on Introduction to software for satellite data analysis - with an emphasis on SeaWiFS Data Analysis System

Mr. Genki Terauchi (SeaDAS)

Tuesday, 4 September 2007

09:00-09:45 Lecture on the Optic Properties and Regional Ocean Color Algorithms for the Case-II Waters in China Seas

Dr. Junwu Tang

09:45-10:30 Lecture on Validation of Ocean Color Remote Sensing Data in Korea

Dr. Sang-Woo Kim

10:45-12:15 Lecture on Satellite-based Red-Tide Detection/Monitoring

Dr. Hiroshi Kawamura

13:30-17:00 Hand-on exercises on Visualizing and projecting satellite data images

Dr. Mati Kahru

Wednesday, 5 September 2007

09:00-10:30 Lecture on Introduction to Eutrophication Monitoring Guidelines by Remote sensing for the NOWPAP Region and case study conducted in Toyama Bay and East China Sea

Dr. Joji Ishizaka

10:45-12:15 Lecture on Case Studies of Red Tide

Dr. Joji Ishizaka

13:30-17:00 Hand-on exercise on Command line programs for time series analysis

Dr. Mati Kahru

Thursday, 6 September 2007

09:00-12:15 Lecture on Measurements of Ocean Optical Properties for Sea Truth and Primary Production

Dr. Joji Ishizaka

13:30-17:00 Hand-on exercises on Match up analysis with sea truth measurement data HAB detection

Dr. Mati Kahru

Friday, 7 September 2007

09:00-10:30 Lecture on Monitoring of oil pollution with the use of satellite imagery

Dr. Leonid Mitnik

10:30-12:15 Lecture on Introduction to NGSST and SST application for monitoring of ocean environment

Dr. Kyung-Ae Park

13:30-17:00 Hands-on exercises on Time series analysis of NGSST data

Dr. Mati Kahru

17:00-17:30 Closing Ceremony