

Symposium on Global Warming induced from Remote Sensing

Center for Environmental Remote Sensing (CEReS), Chiba University

Date: June 15, 2009 (13:00~17:30)

Place: Reception Hall, Keyaki Kaikan 3rd Floor, Chiba University

Program

- 13:00-13:20 **Opening Ceremony**
Prof. Hiroaki Kuze (CEReS, Professor)
Prof. Kenzo Nonami (Chiba University, Director)
- 13:20-13:45 **Development of Northern Sea Route and its significance**
Prof. Hiroyoshi Ishibashi (CEReS, Visiting Professor)
- 13:45-14:10 **The Northern Routeing in the Arctic Sea and Russian History**
Dr. Leonid Mitnik (Russian Academy of Sciences, Satellite Oceanography Laboratory, Head)
- 14:10-14:30 **Application of micro-wave remote sensing to road monitoring in winter season**
Dr. Kohei Osa (CEReS, Assistant Professor)
- 14:30-14:50 **Future perspective of snow risk management on highways**
Dr. Hiroyuki Kato (West Nippon Expressway Company)
- 14:50-15:10 **Generation and transport processes of Asian dust and its relation to global warming**
Dr. Nobumitsu Tsunematsu (CEReS, Visiting Associate Professor)
- 15:10-15:30 **Estimation of the total amount of dust floating over the Taklimakan Desert and its impact on climate**
Prof. Kenji Kai (Nagoya University, Professor)
- 15:30-15:40 Coffee break
- 15:40-16:00 **Development of one-to-one-type platform**
Prof. Akihiko Kondoh (CEReS, Professor)
- 16:00-16:20 **Development of Circularly Polarized Synthetic Aperture Radar onboard Microsatellite (μ SAT CP-SAR) for Global Warming Monitoring**
Dr. Josaphat Tetuko Sri Sumantyo (CEReS, Associate Professor)
- 16:20-16:40 **CO₂ observations by infrared sensor-equipped nano Satellite**
Dr. Masaya Yamamoto (Weathernews Inc.) and Prof. Hiroaki Kuze
- 16:40-17:00 **Estimation of radiation budget using geostationary satellites -Aim at the clarification of climate change-**
Prof. Tamio Takamura (CEReS, Professor)
- 17:00-17:30 **Panel discussion**
Prof. Fumihiko Nishio, Prof. Hiroyoshi Ishibashi, etc.
- 18:00- *Party (at 1st Floor)*