



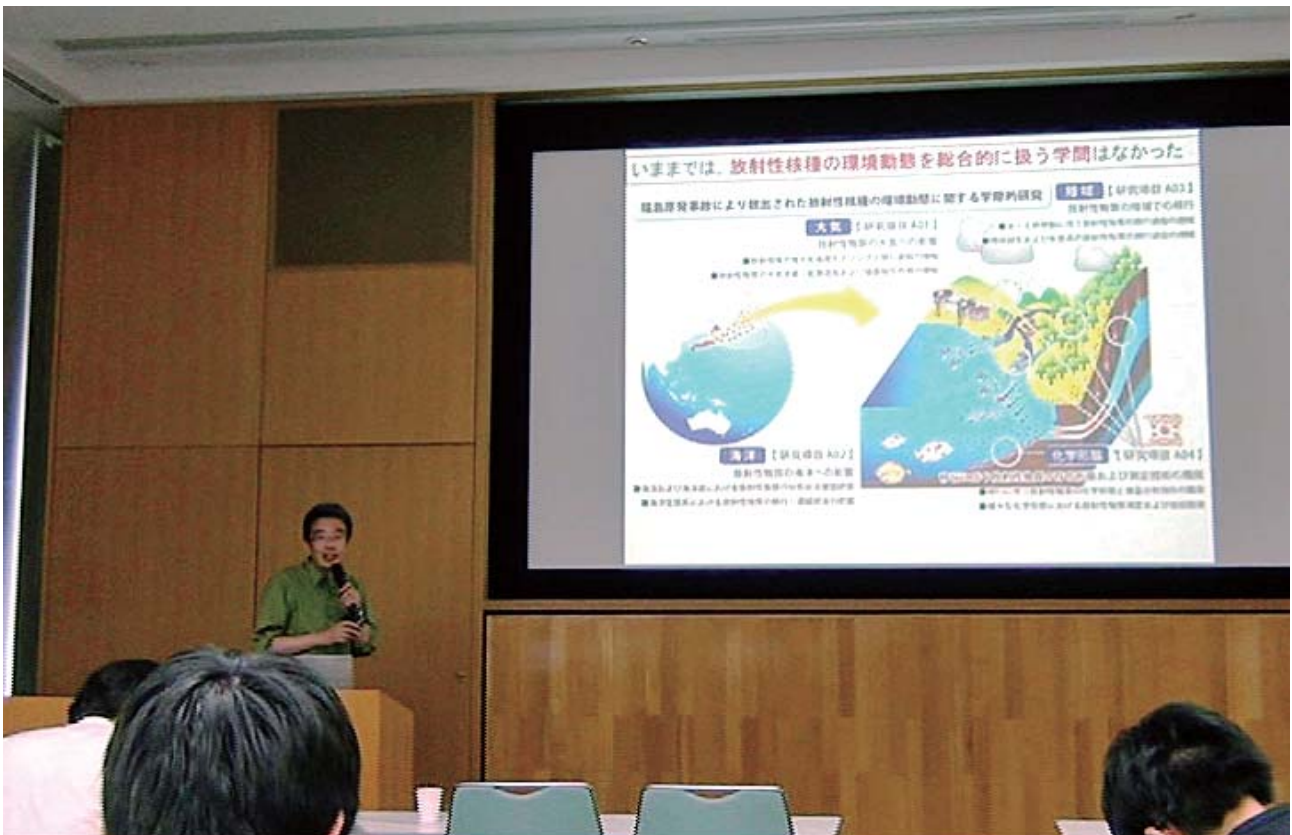
# ISET-R NEWS LETTER

SEP. 1, 2014 VOL. 5, ISSUED BY ONDA LAB, UNIVERSITY OF TSUKUBA

<http://www.ied.tsukuba.ac.jp/hydrogeo/isetr/>

## ISET-R Plenary Conference on May 1, 2014

@ Yokohama Institute for Earth Sciences, JAMSTEC



The ISET-R plenary conference was held at Miyoshi auditorium in Yokohama Institute for Earth Sciences, JAMSTEC on May 1, 2014.

Eighty-one researchers and students of the ISET-R members participated in the conference. Professor Yuichi Onda of University of Tsukuba, the head investigator, made opening remarks and explained the purpose of the conference. Then, principal investigators of each research group made presentation on their research summary and recent development.

This is the third year since the ISET-R project was launched, so we summarized research results in the past and discussed future development plans. Constructive exchange of views was made especially on mutual collaboration among scientific domains of atmosphere, land, and ocean, which is the core of this project. After the conference, poster session and group discussions were held to confirm the progress of each group.

## The list of research topics and presenters from each research group

### Group A01-1

Understanding of atmospheric transport modeling of fallout radionuclides and migration processes

**Teruyuki NAKAJIMA**, Atmosphere and Ocean Research Institute, University of Tokyo

**Haruo TSURUTA**, Atmosphere and Ocean Research Institute, University of Tokyo

### Group A01-2

Understanding of atmospheric deposition, diffusion processes and land atmospheric intersection of radioactive materials

**Yasuhito IGARASHI**, Meteorological Research Institute

### Group A02-3

Understanding the distribution of radioactive materials in sea and seafloor sediment

**Masatoshi YAMADA**, Institute of Radiation Emergency Medicine, Hirosaki University

### Group A02-4

Understanding the migration and concentration of radioactive materials in marine ecosystems

**Jota KANDA**, Tokyo University of Marine Science and Technology

### Group A03-5

Understanding the migration process of radionuclides associated with water and sediment movement

**Yuichi ONDA**, Center for Research in Isotopes and Environmental Dynamics, University of Tsukuba

### Group A03-6

Understanding the radionuclides circulation process in terrestrial ecosystems

**Chisato TAKENAKA**, Graduate School of Bio-agricultural Science, Nagoya University

### Group A04-7

Development of microanalysis technology and chemical form of radioactive materials with migration

**Masayoshi YAMAMOTO**, Institute of Nature and Environmental Technology, Kanazawa University

**Yoshio TAKAHASHI**, Graduate School of Science, University of Tokyo

### Group A04-8

Development of technology and radiation measurement in various chemical forms

**Atsushi SHINOHARA**, Graduate School of Science, Osaka University



Picture provided by  
Atsushi SHINOHARA (Group A04-8)



### <Award Ceremony>

An award ceremony was held during the conference to honor participants of the programs fostering young researchers.

Fostering researchers who can play a central role in the research in “Isotopes and Environmental Dynamics” is the main focus of our activities. To this end, we’re determined to nurture researchers who can go beyond the individual scientific research and lead the study on isotopes and environmental dynamics. To be specific, we have planned comprehensive training programs and encouraged young researchers to join. Through the programs, participants receive training lasting for longer than two days to have the opportunity to see fields other than their own research area. The number of participants totaled to 54 so far. Certificate was awarded to two participants, Mr. Zijian Zhang of Osaka University and Mr. Yukihiro Sato of University of Tsukuba, who have joined all the training programs and broadened their horizons beyond their own research area.

Here are the comments from Mr. Zhang and Mr. Sato.



**Mr. Zijian Zhang,  
Osaka University**

I’m honored to receive such an award. Through these training programs, I was able to gain valuable experience which was not possible with ordinary graduate student. I became a graduate student when the ISET-R programs reached the middle stage. For the time being, I will engage myself in writing a research paper based on the results I have gained so far. Even after ISET-R programs are over, I would be delighted if I could contribute to future science and society making the most of my experience and social network I gained through these programs.



**Mr. Yukihiro Sato,  
University of Tsukuba**

I’m really grateful that I was able to touch upon the scientific fields that I’m not usually involved with through the programs for young researchers. The encounter with professors in the various academic fields has broadened my perspective. I strongly desire that these remarkable programs for young researchers may continue.