



JRR Award at ICRR 2015 !!

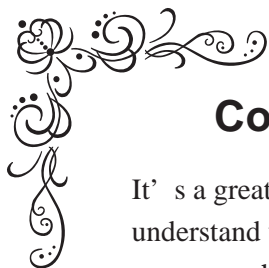


JRR Award at ICRR 2015 has been given to Retrieval of atmospheric radiocesium after the Fukushima accident by analyzing filter-tapes of operational air quality monitoring sites., by H. Tsuruta, Y. Oura, M. Ebihara, T. Ohara, and T. Nakajima, which Mr. Tsuruta, who is the research collaborator of Group A01-1, gave the oral presentation at International Congress of Radiation Research 2015 held from May 25, 2015 to May 29, 2015, by Journal of Radiation Research (JRR) as one of 130 especially brilliant oral presentations given at ICRR 2015.

This award means the three Groups (A01-1, A04-7, and A04-8) in ISET-R achieved excellent results from their collaborative research, in other words, results from the new interdisciplinary study, and which is the exact purpose of ISET-R.

— Outline of this research by Mr. Tsuruta —

■ The purpose of this research is to clarify the space-time distribution of radionuclides released into the atmosphere just after the Tokyo Electric Power Company Fukushima Nuclear Power Station accident, which has been unknown until now, by measuring radionuclides in suspended particulate matter (SPM) collected every hour on filter-tapes installed in SPM mass monitors set by each municipality in Japan for atmospheric environment monitoring network. We strongly expect that the dataset can be used to reduce the uncertainty of internal exposure from inhalation, of the calculated time-series emission rates from the sources, and of atmospheric transport models.



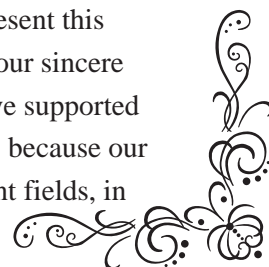
Comments from this award winner, Mr. Tsuruta

It's a great honor to receive such a wonderful award. I didn't understand what happened to me when the email was sent noticing our research received this award, because I attended this ICRR for the first time. And I received those comments listed below from coauthors after I noticed this award. Then, I have realized that we could submit together this paper, thanks to the staffs of Prof. Nakajima's Laboratory in Atmosphere and Ocean Research Institute, the University of Tokyo, who treated and merged huge data to create complicated figures under strong encouragement by the coauthors. I also thank to anonymous reviewers who gave us many useful comments, which impressed us deeply. This research has started since September 2011, when we proposed to the Ministry of Education, Culture, Sports, Sciences and Technology (MEXT), and the Ministry of the Environment, Japan, to measure radionuclides in SPM collected on filter-tapes just after the accident at the air quality monitoring stations. After that, we could have continued to tackle this research as one of the programs in the ISET-R project, and as commissioned projects supported by the Ministry of the Environment, and the Nuclear Regulation Authority. Taking this opportunity, I would like to thank to all the local governments in eastern Japan, who kept the used filter-tapes installed in SPM mass monitors after the accident, and kindly offered us through the request from the Ministry of the Environment. And one year ago, Prof. Moriguchi, the University of Tokyo, who is an advisor of ISET-R, asked to me "How would you feel if you present this research at ICRR2015?" His advice encouraged me a lot. We would like to express our sincere thanks to Prof. Onda, the Head Investigator of ISET-R, and many members who have supported our research. We would like to ask all of you continued support and encouragement, because our research will be more and more important in cooperation with researchers in different fields, in addition to local governments and the Ministry of the Environment.



Mr. Haruo Tsuruta

at
Kyoto International Conference Center



Congratulation on the award!!

We sincerely expect further success in the future!!

Messages of congratulations from coauthors participating in this research

Principal Investigator for A01-1 :
Dr. Teruyuki Nakajima

Congratulations.
I recognised again that it is important to keep on making efforts according to our own beliefs.
Let's celebrate soon.

Co-Investigator for A04-7 :
Dr. Mitsuru Ebihara

Thank you for letting us know this good news.
It will be good future momentum.

Co-Investigator for A04-8 :
Dr. Yasuji Oura

Thanks to the powerful leadership of Mr. Tsuruta, we could gain such a good result. It will be our pleasure that those gained data which will be open to the public soon, would be used in diverse fields.