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First of all, I would like to thank MEXT to give me the great chance to participate the MEXT Nuclear Researchers Exchange Program FY2017.

It was a great honor for me to join Prof. Takeshi Iimoto's team in the University of Tokyo. My research topic included two sections, one is the protection and detection of the ^{222}Rn , ^{220}Rn and their progenies which are the second reason of lung cancer in the natural environment, second is the radioactive waste disposal management and risk communication.

During my research, I learnt how to use and optimize the various kinds of environmental detectors for indoor Rn concentration, exhalation rate and exposure risk assessment, such as AB-5, WLx, ZnS, GM Counter. Especially, I also studied how to implement the experiment in the Rn chamber. For the research of radioactive waste disposal management, comparing the strategies and regulations of IAEA, Japan and China would help me to have a worldwide horizon to understand this issue. In addition, I visited a lot of nuclear facilities including radioactive waste surface disposal site, nuclear fuel reprocessing facility, research reactor etc., which really expanded my vision. I hope I can use the knowledge and technique to contribute to the radiation protection and assessment in China.

I spent an extraordinary six months in the Tokyo with beautiful environment, high-tech and kind people. From the bottom my heart, I want to give heartfelt gratitude to my supervisor, Iimoto sensei, who is the best teacher and friend I have ever met.



I would like to take this opportunity to thanks my supervisor, Prof. Yanagihara and Prof. Kawasaki. Having to work with the RINE, it gave me an unforgettable experience that would benefit not just to myself, but also to my team back in Malaysia.

My research theme is “Radioactive Waste Management”. My study is to develop a system dynamic for Radioactive Waste Management in Malaysia and simulate the interrelationships among the variables in the system. The process of conceptual model development, in which interrelationships inherent in the identified variables are portrayed through a series of causal loop diagrams, provides valuable insights into understanding how the major variables are interrelated to form the entire Radioactive Waste Management system.

This researchers exchange program has more or less increase my research ability through my entire work here. The discussion sessions, the public lectures, the site visits had helped me broaden my view and I've gained valuable experience and knowledge which money can't buy. We are being trained to think analytically, work progressively and convey finding message accurately. I will definitely share my experiences here in RINE with my fellow colleagues back in Malaysia either in the form of documented bulletin writing and or echo training basis. This is also to ensure that we are moving towards working with more parties internationally such as international collaborations and seminars. I believe good things are meant for sharing with others.

Having been in Fukui nearly three months, I have to say that I'm truly impressed by the hardworking and dedicated my Japanese friends that I've met. The working environment is very conducive and the openness in discussion gave everyone an opportunity to explore more in the research area.

I believe this is one of the core elements of success in part of the research work.

They have always guided me along the way and throughout my stay here in Japan. As a non-Japanese speaking foreigner, their help really gives me a tremendous relief. The dedication, the high standard of work quality and the care towards environment are the few qualities that I regarded as the Japanese culture. I would definitely come back to this lovely country.



Mr. KANG Wee Siang

Malaysian Nuclear Agency

MALAYSIA

Research Institute of Nuclear Engineering (RINE), University of Fukui
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