

Dissertation Evaluation Report

Report No.	Diploma Number: DJ-BIO 10	Applicant's Name	Cui Limeng
Evaluators	Print name		Signature or Seal
	Chief Evaluator: <u>Takashi Kudo</u> / _____		
	Evaluator: <u>Naoki Matsuda</u> / _____		
Evaluator: <u>Tao-Sheng Li</u> / _____			
<p>Evaluation Report of Dissertation</p> <p>1 . Evaluation of the research purpose. The applicant evaluated the radiation dose in Tomioka Town, where affected by the Fukushima Daiichi Nuclear Power Station Accident. The applicant separated the area into three categories, “Decontaminated area”, “Radioactive waste storage area” and “Non-decontaminated area”, and analyzed decontamination effect to provide helpful information for returning of residents to Tomioka Town. The purpose is simple and clear.</p> <p>2 . Evaluation of the research methods. The applicant measured ambient gamma-radiation dose in those three categorized areas with car-borne survey system and evaluated temporal change during 2018/July to 2019/July with statistical analysis. The applicant also made the map of the contamination level in Tomioka Town, calculated expected radiation dose of workers in this area. The method is scientifically proper and well designed.</p> <p>3 . Evaluation of the analysis, interpretation and discussion. The result showed the clear trend of ambient dose decline in the “Decontaminated area” (71.9% over 1 year), although such strong decline was not observed in the other two categorized area. The decline was notably quicker than the physical half-life of contaminating radioisotopes, which showing the decontamination in Tomioka Town was clearly effective. The expected annual radiation dose of the workers in this area was relatively low (0.66mSv/y in decontaminated area and 0.55mSv/y in radioactive storage waste area)</p> <p>As stated above, the dissertation will greatly contribute to disaster and radiation medical sciences, and the evaluators uniformly agree that the dissertation is worthy of being approved for a Doctor of Medicine.</p>			

Note: Do not fill in Diploma Number.