

---

SCG084-21

Room: Exhibition hall 7 subroom 1

Time: May 25 16:00-16:15

## Study on Validation Procedure of Groundwater Flow System in a Sedimentary Rock Area: Case Study for the Boso Peninsula

Ryutaro Sakai<sup>1\*</sup>, Masahiro Munakata<sup>1</sup>, Hideo Kimura<sup>1</sup>

<sup>1</sup>Japan Atomic Energy Agency

It is important to discuss the validation procedure of groundwater flow system for the safety assessment of geological disposal of radioactive waste. In this report, we discussed the methodology of summarizing various type of data such as hydrological, geochemical data and age of deep-seated groundwater for evaluation of regional groundwater systems in case of the Boso peninsula, in Chiba Prefecture. As a result of this we demonstrate that it is important to collect the continuous vertical data in the vicinity of ground waterflow boundary for modelling of ground water system.

Keywords: Groundwater Flow Model, Validation Procedure, Geological Disposal