Summary of the session and introduction to the panel discussion

\*Satoshi Kaneshima<sup>1</sup>, Hitoshi Kawakatsu<sup>2</sup>, Daisuke Suetsugu<sup>3</sup>, Takeshi Sagiya<sup>4</sup>, Manabu Hashimoto<sup>5</sup>

1.Department of Earth and Planetary Sciences, Kyushu University, 2.Earthquake Research Institute, University of Tokyo, 3.Institute of Research on Earth Evolution, Japan Agency for Marine-Earth Science and Technology, 4.Disaster Mitigation Research Center, Nagoya University, 5.Disaster Prevention Research Institute, Kyoto University

In the panel discussion, focusing on the Hamaoka plant, we shall discuss about the state of the art earth science researches associated with the plant, historical assessments of the relationship between earth science and the plant hitherto, and possible future relationship. In this talk, we briefly summarize the previous sessions we convened in the last 3 years to discuss about the issue of nuclear power plants and earth science. We also raise a few earth scince problems associated with the hazard mitigation of the plants, which we believe important to dicuss, following the invited talks in this session.

Keywords: Hamaoka nuclear power plant, Earth science research community, mega-thrust earthquake