Seasonal characteristics of fine and nanoparticles observed at the tip of Noto peninsula, Japan

A. Matsuki1, Y. Iwamoto1, Sara Kagami2, K. Kinouchi2 and R. Yamada2,

*1Institute of Nature and Environmental Technology, Kanazawa University, Kanazawa 9201192, Japan*

*2College of Science and Engineering, Kanazawa University, Kanazawa 9201192, Japan*

Email: matsuki@staff.kanazawa-u.ac.jp

**Description of the measurement site**

The East Asia is identified as one of the global hotspots of atmospheric aerosols. The outflow of atmospheric pollutants along with Asian dust is increasingly concerned in connection with their impacts on the public health and regional climate. In order to conduct in-situ aerosol characterization in the East-Asian outflow over extended periods, a new ground-based research station “NOTOGRO” (acronym for NOTO Ground-based Research Observatory) has been established in Suzu city (37.45ºN, 137.36ºE) at the tip of Noto peninsula.

Noto peninsula stems from the north-western coast of mainland Japan. Such a geographical setting is considered ideal for an additional baseline atmospheric monitoring station in East Asia (Fig. 1), since it is surrounded by the sea and isolated from any neighboring city and other pollution sources.