Data assimilation system to comprehend atmospheric variations associated with the solid Earth

Hiromichi Nagao\textsuperscript{1*}, Ichiro Tomizawa\textsuperscript{2}, Toshihiko Iyemori\textsuperscript{3}, Masaki Kanao\textsuperscript{4}, Tomoyuki Higuchi\textsuperscript{1}

\textsuperscript{1}The Institute of Statistical Mathematics, \textsuperscript{2}The University of Electro-Communications, \textsuperscript{3}Graduate School of Science, Kyoto University, \textsuperscript{4}National Institute of Polar Research

We have been developing a data assimilation system for better comprehension of atmospheric variations originated from the solid Earth.

Keywords: data assimilation, microbarometer, seismoacoustic wave