

E139-030

Room: 301B

Time: May 16 15:00-15:15

Observation of SO₂ above Mt. Hakusan by in-situ and satellite and airborne remote sensing in winter

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During PEACE-A airborne observation campaign, SO₂ plume was observed above Mt. Hakusan by using in-situ SO₂ monitor, airborne UV/visible spectrometer (Airborne-OPUS) and GOME. This plume is not explained by local sources within Japan. By using inverse trajectory analysis, CTM analysis, and GOME observations, it is concluded that this plume came from China.