

## Microplastics in rime-ice observed in Kyushu Mountain area, Japan

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In order to clarify the long-range transport of microplastic litter in Asian region, we have collected rime-ice and snow samples in mountainous area of Japan. We have observed microplastics using raman imaging microscope and FTIR microscopy. We will discuss about the difference of characteristics of microplastics in rime ice and snow. In addition, we will perform back trajectory analysis to discuss about the long range transport of microprastics.

Keywords: rime ice, microplastics