

## Acquisition of digital surface models (DSMs) by structure from motion (SfM) analysis of UAV images in snowy environment

UCHIYAMA, Shoichiro<sup>1\*</sup> ; INOUE, Hiroshi<sup>1</sup> ; KAMIISHI, Isao<sup>1</sup> ; SUZUKI, Hinako<sup>1</sup>

<sup>1</sup>National Research Institute for Earth Science and Disaster Prevention (NIED)

We try to generate digital surface models (DSMs) by structure from motion (SfM) analysis of UAV images in snowy environment.

Keywords: unmanned aerial vehicle (UAV), structure from motion (SfM), digital surface model (DSM), orthophoto, snowy environment

