

SEPPYO

Journal of the Japanese Society of Snow and Ice

Photo Studio of Snow and Ice

Wall surfaces of slab avalanche failure in Hoku-shin-etsu region

Satoru YAMAGUCHI, Takashi MACHIDA and Isao KAMIISHI

i

Foreword

Toshihiro OZEKI

409

Collected Papers on Avalanches

Review

Success and challenges of avalanche prediction using numerical snowpack model

Hiroyuki HIRASHIMA

411

Research Notes

Observation and investigation of a weak layer consisting of non-rimed plate-type snow crystals

Osamu ABE and Shigeto MOCHIZUKI

421

Relationship between avalanche size and frequency based on video image observations

Kazuya AKIYAMA

431

Reports

A technique of avalanche risk assessment using airborne laser scanning survey

Yoko KOBAYASHI, Hiroshi MATSUDA and Shinichi HOMMA

441

The practical approaches to avalanche bulletin by Japan Avalanche Network

Azusa DEGAWA

451

Original Article

Two-dimensional frost heave evaluation by numerical model considering nonlinear elasticity of unfrozen soil

Hao ZHENG and Shunji KANIE

461

Institution News

481

Reports from the Abroad

486

Reports from the Branches

494

Community news

496

Announcement

502

JSSI Announcements

503

Conference Schedule

507

Current Volume Index

510

Referees of Current Volume

515

Published by the Japanese Society of Snow and Ice

Kagaku-kaikan (Chemistry Hall) 3F, Kanda Surugadai 1-5, Chiyoda-ku, Tokyo 101-0062, Japan

Notice about photocopying

In order to photocopy any work from this publication, you or your organization must obtain permission from the following organization which has been delegated for copyright clearance by the copyright owner of this publication.

Except in the USA

Japan Academic Association for Copyright Clearance,
(JAACC) 6-41 Akasaka 9-chome, Minato-ku, Tokyo
107-0052 Japan

TEL : 81-3-3475-5618 FAX : 81-3-3475-5619

E-mail: info@jaacc.jp

In the USA

Copyright Clearance Center, Inc.

222 Rosewood Drive, Danvers, MA 01923 USA

Phone : 1-978-750-8400 FAX : 1-978-646-8600