

Séminaire
Vendredi 26 Juin 2015, 10h30
CEN, salle du 1er étage

Satoru Yamaguchi

Snow and Ice Research Center
National Research Institute for Earth Science and Disaster Prevention

Introduction of the Projects advanced by Snow and Ice Research Center, Japan.

Résumé:

Snow and Ice Research Center (SIRC), National Research Institute for Earth Science and Disaster Prevention, is the biggest institute for snow science in Japan. In this presentation, we introduce two projects advanced by SIRC.

One is the main Project of SIRC, “Research on advanced snow information and its application to disaster mitigation”. In this project, we have carried out observations and cold room experiments to develop snow disasters (avalanche, snow blowing and snow accretion) forecasting models.

Another is the project supported by Grant-in-Aid for Scientific Research, “Study of Advanced Cryosphere monitoring Using Reflectance properties of snow based on Application of new measurement technologies and snow physical models (SACURA)”, which consists of collaboration with other institutes / universities. This project has started in this April and we focus on the albedo feedback effect on cryosphere areas.

In these two introductions, we will show the concept of the projects, recent scientific results, and future study plans.