

Venue

Subdelegación de Gobierno de Granada.

Gran Vía de Colón, 50
18010 Granada.

Registration

Seminar is open for anyone interested until seating capacity is reached (109 persons). The seminar language is English. Registration at

<http://harmosnow.eu/?page=gwsap>

Deadline for registration: October 26

Local organization:



Supporting organizations:



Patronato de la Alhambra y Generalife
CONSEJERÍA DE CULTURA

International Workshop

“SNOW MONITORING AND MODELING INITIATIVES IN SPAIN BASED ON GROUND AND SATELLITE DATA”

Wednesday, November 2, 2016

in collaboration with the COST ES1404 Action

ORGANIZING COMMITTEE:

David Pulido Velázquez (co-chair, IGME, Spain)

Nacho López-Moreno (co-chair, CSIC, Spain)

Ali Nadir Arslan. COST ACTION ES1404 (co-chair, Finland)

Cemal Melih Tanis (FMI, Finland)

Leticia Baena Ruiz (IGME, Spain)

Antonio Juan Collados Lara (IGME, Spain))

OBJECTIVE:

This workshop is organized in the context of the COST ES1404 action. It intends to provide a framework to exchange knowledge and experiences about snow monitoring and modeling in Spain based on ground and satellite data.

09:15-09:30 Opening & Welcoming

9:30-10:20: Steven R. Fassnacht. Colorado State University, Fort Collins, USA. **Strategies for Measuring Snow: When Do you have Enough Data?**

10:20-10:40: Samuel T. Buisan. Agencia Estatal de Meteorología (Spanish Meteorological Agency; AEMET). **Monitoring Works of AEMET in Formigal - Sarrios and first results of the WMO-SPICE project (Solid Precipitation Intercomparison Experiment)"**

10:40-11:00: Maria Luisa Moreno Santaengracia. Ebro River Basin Authority. Responsible of the ERHIN program. **Description of the ERHIN program (Assessment of Water Resources from Snow Accumulation) of the Spanish Ministry of Agriculture Food and Environment.**

BREAK (11:00-11:20)

11:20-11:40: Carles García Sellés (Geològics Institut Cartogràfic i Geològic de Catalunya). **Snowpack measurements in the Catalan Pyrenees for avalanche forecasting**

11:40-12:00: Antonio Collados, Eulogio Pardo, David Pulido-Velazquez. Spanish Geological Survey. **Design of an optimal snow observation network to estimate snowpack thickness matching ground data, digital terrain models and satellite observations.**

12:00-12:20: Patricia Jimeno, Manuel Pegalajar, **David Pulido Velázquez,** Antonio Collados, Eulogio Pardo. Spanish Geological Survey. **A preliminary assessment of the under-catch in snow measurements in Canales Basin (Sierra Nevada, Spain).**

12:20-12:40: John F. Burkhart, Department of Geosciences, University of Oslo, Norway. **Snow model validation in Norway at the Land Atmosphere Interaction in Cold Environments (LATICE) Finse site.**

12:40-13:00: Alba Sanmiguel, Jesús Revuelto, Enrique Morán, Esteban Alonso, Juan Ignacio López-Moreno **Analysis of the effect of forest canopy on snow distribution.**

LUNCH (13:00-15:00)

15:00-15:20: Esteban Alonso, Alba Sanmiguel, Jesús Revuelto, Antonio Ceballos, Juan Ignacio López-Moreno. **Comparing snow processes in different Spanish mountains**

15:20-15:40: María José Polo, Rafael Pimentel, María José Pérez-Palazón, Javier Herrero, Andalusian Institute for Earth System Research, University of Cordoba, Spain. **Snow processes and their drivers in Sierra Nevada (Spain), and implications for modelling.**

15:40-16:00: Javier Herrero, Rafael Pimentel, María José Pérez-Palazón, María José Polo, Andalusian Institute for Earth System Research, University of Granada, Spain. **The Guadalfeo monitoring network for snow in Sierra Nevada (Spain): a multiscale approach.**

BREAK (16:00-16:20)

16:20-16:40: Marc Pons. Sustainability Observatory of Andorra (OBSA). **Monitoring and modelling snow in ski resorts**

16:40-17:00: José Antonio Algarra. Environment and Water Agency of Andalusia, Granada, Spain. **Monitoring of Snow in Sierra Nevada Global Change Observatory Since 2008.**

CLOSING SESSION (17:00-17:10)