

SnowBall – Remote sensing, model and in-situ data fusion for snowpack parameters and related hazards in a climate change perspective

Final Conference (2017)

AGENDA

Date: 27 April 2017

Venue: Hotel Marshal Garden, Bucharest, Romania

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| 8:30 – 9:00 | Participant's registration |
| 9:00 – 9:20 | Welcome addresses Round Table - Introduction of Participants |
| SnowBall project results presentations | |
| 9:20 – 9:40 | Snowball project – outcomes and challenges Gheorghe Stăncălie |
| 9:40 – 10:05 | Measuring snow from space starts at the ground: from new station designs to collecting snow truth data Andrei Diamandi, Cătălin Dumitrache, Adrian Rădulescu, Oana Nicola, Eduard Luca, Robert Chirițescu, Narcisa Milian, Adrian Alin Pașol, Cristian Lucian Grecu, Anișoara Irimescu, Denis Mihăilescu Speaker: Andrei Diamandi |
| 10:05 – 10:30 | Satellite remote sensing of snow wetness in Romania and Norway Rune Solberg, Øystein Rudjord, Arnt-Børre Salberg, Øivind Due Trier, Gheorghe Stăncălie, Anișoara Irimescu, Andrei Diamandi, Vasile Crăciunescu Speaker: Rune Solberg |
| 10:30 – 11:00 | Break |
| 11:00 – 11:25 | Climate change impact on snow-related processes Roxana Bojariu, Ciprian Corbuș, Rodica Mic, Marius Mătreacă, Vasile Crăciunescu, Narcisa Milian, Alexandru Dumitrescu, Marius-Victor Bîrsan, Sorin-Ionuț Dascălu, Mădălina Gothard, Liliana Velea, Roxana Cică, Cristian Lucian Grecu, Adrian Alin Pașol, Speaker: Roxana Bojariu |
| 11:25 – 11:50 | Quantitative assessment of aquifer recharge from snowmelt Dragos Găitănar, Roxana Holban, Radu Gogu Speaker: Dragos Găitănar |
| 11:50 – 12:15 | Avalanche detection in very high resolution optical satellite images Arnt-Børre Salberg, Florina Ardelean, Marcel Török-Oance Speaker: Arnt-Børre Salberg |

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| 12:15 – 12:40 | Improved snow water equivalent estimation methodology, for better hydrological warnings and forecasting Marius Mătreacă, Simona Mătreacă, Bogdan Agiu Speaker: Marius Mătreacă |
| 12:40 – 14:10 | Break |
| 14:10 – 14:35 | Change-detection based mapping of avalanches in Sentinel-1 images Arnt-Børre Salberg, Jarle H. Reksten, Florina Ardelean Speaker: Arnt-Børre Salberg |
| 14:35 – 15:00 | Snow avalanche inventory and hazard assessment in Fagaras Mountains Marcel Török-Oance, Florina Ardelean, Mircea Voiculescu, Narcisa Milian, Arnt-Børre Salberg Speaker: Marcel Török-Oance |
| 15:00 – 15:25 | River ice monitoring using remote sensing data. Case studies: Romania, winter season 2016-2017 Denis Mihăilescu, Vasile Crăciunescu, Gheorghe Stăncălie, Ștefan Constantinescu, Anișoara Irimescu, Claudiu Angearu Speakers: Denis Mihăilescu, Vasile Crăciunescu |
| 15:25 – 16:00 | Break |
| 16:00 – 16:35 | Discussions between end-users / stakeholders and project partners |
| 16:35 – 17:00 | First day conclusions |
| 19:00 | Dinner |