

Citizen Science Story: **Talviseuranta**

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S Y K E



Project in a nutshell

- Talviseuranta is a winter monitoring campaign where citizens are encouraged to provide information on hydrological phenomena and animal events
- Talviseuranta is an annual campaign that encourages citizens in outdoor activities and inspires to nature observations in winter
- Citizen observations complement the official observations and offers valuable information on the effects of climate change on winters in northern latitudes

What is the role of the citizens?

- Citizens make observations on winter phenomena and provide valuable information to complement the official observations network
- The aim is to inspire people of all ages and backgrounds to outdoor activities and observe nature in the winter, collect citizen observations and raise climate awareness
- Both the individual and the group, such as school class, family or work group, can report the observations



The benefits and policy impact

- The usage of citizen observations allows significant improvement in understanding of the landscape-related features of the snow and ice regime by research community and interpretation of the Earth Observation data
 - Field measurements on snow and ice are important in the remote sensing algorithm development and quality assurance
- Snow and ice observations can be used not only for climate change research but also for producing flood forecasts, assessing the snow load on roofs, and providing security information
- Citizen observations complement the official measurements. For example, snow course measurements maintained by SYKE are made at about 150 different stations 1-2 times a month

More information

- Talviseuranta is organized by the Finnish Environment Institute and the Luonto-Liitto in cooperation with the Luomus, Helsinki environment services and Suomen Iatu Ry
- More information: havaitsemaan@ymparisto.fi

