

Programme for the Nordic and International Hydrometry Workshop, 21–25 September 2026, Finland

[Read more: Hydrometry workshop, 21-25 September 2026, Finland \(syke.fi\)](#)

Polarium Auditorium (180 pers.)		 Suomen ympäristökeskus Finlands miljöcentral Finnish Environment Institute  Economic Development Centre		21.-25.9.2026 Rovaniemi	
Room Kieppi (22 pers.) Tue and Thu					
Tuesday		Wednesday		Thursday	
Brief introduction of hydrological monitoring (continues), chair: Jari Uusikivi		Rating curves, chairs: Stephanie Moore & Jenny Axén		Manufacturer’s presentations, chairs: Jari Uusikivi & Joonas Kahiluoto	
Ireland: The EPA hydrometric network in Ireland/Thomas Killen		Analysis on rating curve uncertainty, results and possible implementation/Jenny Axén,Fanny Jeppsson Stahl, Åsa Barckman Höglblom		Tracer presentation/Christoph Sommer	
Latvia: Hydrological monitoring in Latvia/Mārcis Tirums		Rating curve shift detection -applied approach using water level/Sami Soosalu		Gauging of Freshet in Nunavut, Canada using Automated Salt Dilution/Gabriel Sentlinger	
Lithuania: Hydrological monitoring network in Lithuania/Raimundas Baublys		The current approach to rating development at Canada's National Hydrological Service/Stephanie Moore		Teledyne RDI ADCPs overview/Mikolaj Wydrych	
Slovenia: Hydrological monitoring in Slovenia/Roman Tržek		RUHM: An open-source tool for rapid stage–discharge Rating curve Uncertainty estimation using Hydraulic Modelling and UAV data/Ida Westerberg (On-line)		Non–Contact Radar Discharge measurement of large Rivers/Michael Sommer	
Finland: Hydrological monitoring in Finland/Jari Uusikivi				TBC/Rob Thomson	
75 min/90 min		60 min/90 min		75 min/90 min	
Coffee break 30 min					
New hydrological measurements, chairs: Kristoffer Florvaag-Dybvik & Alexandre Hauet		Discharge measurements and methods, chairs: Mikael Lennermark & Daniel Wennerberg		Surface velocimetry methods, chairs: Mark Randall & Daniel Wennerberg	
Unmanned Aerial Water Observation Systems, UAWOS/Daniel Wennerberg		Measuring flow disturbance with a moving boat in still water/Kristoffer Florvaag-Dybvik		Image velocimetry training /Mark Randall	
Discharge Measurements Using Acoustic Power in Rivers/Alex Hauet		10 years of ADCP regattas in Vranov (Czechia)/Libor Ducháček		Open source and low cost sensors for surface velocimetry and bathymetry/Alexandre Bebon (On-line)	
Results and Experiences from Autosalt measurements in fast response streamflow/Jenny Axén, Mikael Lennermark		A presentation on ADCP's (TBC)/Robert Maguire		Surface Velocity Methods in Norway/Iain Kirkwood (On-line)	
AutoSalt Field Trial Results/Andrew Shaw		Environment Agency ADCP Regatta Results And Learning/Andrew Shaw		On the Relationship Between Maximum Surface Velocity and Mean Flow Velocity for Non-Intrusive Discharge Estimation/Alex Hauet	
USV Bathymetric mapping for shallow waterbodies/Joonas Kahiluoto		Rivers' monitoring network and measurement methods in Lithuania/Raimundas Baublys			
75 min/90 min		75 min/90 min		60 min/70 min	
				BACK TO BASICS-DISCUSSION (20 min)	
Lunch break 60 min					
QRevInt/QRev MS, chairs: David Mueller & Mikael Lennermark		QRevInt/ QRevMS workshop, chair: David Mueller		Why bad measurement is bad, chair: Kristoffer Florvaag-Dybik	
Introduction and latest developments of Qrev/QRevMS/David Mueller (45 min)		13:00-14:15		13:00-14:15	
The impact of using Extrap and Qrev software on ADCP measurements in Norway/Kristoffer Florvaag-Dybvik		Joint training		Joint discussion	
Development of QRevMS (on stationary ADCP discharge uncertainty computation)/Jerome Le Coz (On-line)					
		Poster session 30 min before coffee			
		Uncertainty in waded measurements/Thomas Killen			
		Extraction of snow line in Czechia for hydrological purposes/Libor Ducháček			
		Drones in Hydrology: First Experiences at CHMI/Karel Kněžinek			
		Gauging stations in the Icelandic highlands/Jonas Gubnason		Manufacturer’s dry demos 30 min before coffee	
115 min/105 min					
Coffee break 30 min					
International collaboration on tools, platforms and validation practices, chairs: Libor Ducháček & Kevin Oberg		QA/QC and consistency of the data and data quality criteria, chairs: Stephanie Moore & Leo-Juhani Meriö		Winter hydrology and discharge, chairs:Kati Anttila & Stephanie Moore & Sami Soosalu	
The International Hydrometry Group : who we are, how it works? /Kevin Oberg		Real-Time Data Prequalification for Hydro-Meteorological Forecasting/Frédéric Gottardi (On-line)		Winter hydrology, chairs Kati & Sami	
WMO's Role in Advancing Hydrometry: Recent Updates /Johanna Korhonen (On-line)		Multivariate error detection using spatio-temporal attention - MEDUSA/ Simo Ylönen		The continuous development and testing of the M2525 (and other sizes) of snow scales for measuring SWE/Sebastian Andersen	
WMO Expert Team on Hydrometry Actual Work and Future Perspectives/Libor Ducháček		The current status of QA/QC of hydrometric data at Canada's National Hydrological Service/Stephanie Moore		Snow monitoring in Finland /Kati Anttila	
Hydrological information systems, scarcity of IT-resources and workarounds/Mads-Peter Dahl		WMO guidance on intercomparison measurements/Kevin Oberg		CRYO-RI – Combining Efforts to Improve Cryospheric Monitoring Networks Across Northern Finland/Kati Anttila	
Auto-QAQC in the Canadian context and Canadian-Finnish collaborations/ Gianni Montanaro (On-line), Simo Ylönen		Trust Your Data: From Automated Validation to Expert Quality Control/ David Vonberg (Kisters)		Ice monitoring in Finland/Leo-Juhani Meriö	
Syke's Hydrological information System HIS/Antti Kukkola		Creating data quality criteria in Finland/Merja Pulkkanen		60 min / total 90 min	
90 min / 105 min		90 min / 105 min		Time series and continuous under ice measurements, Chair: Stephanie and Sami	
CHINB-meeting				Presentation of Winter Discharge Estimation and discussion/Gregory Langston (On-line)	
				15 min / total 90 min	
				Introduction to field day and next workshop (15 min)	
Sauna at Roiske Arctic Sauna Retreat: 18:00-22:00		Workshop dinner in Arktikum Café: 18:00-22:00		IHG+manufacturer meeting: 18:00-20:00 in Arktikum (Rooms Kieppi, Petsamo, Aurora, Polarium)	

8:30 - 16:00 Field day.
Demonstrations in 2 sites for 2 groups. Sinettä beach (big river, ADCP) and Sinettä old Mill (small stream, dilution and small scale Q measurements).