

Satellite data as a supplement to lake monitoring

PEAK-A52/26

Thursday, 19 March 2026

FC C20

Organisation: Daniel Odermatt

Agenda

No.	Time	Content	Presenter
	from 08:30	Registration and coffee	
	09:00	Welcome and introduction	D. Odermatt, M. Leuzinger
	09:15	Basics of inland water remote sensing • Earth observation satellites, sensors and data products • The European Earth observation program <i>Copernicus</i> • User requirements and operational data services	D. Odermatt
	10:15	Coffee break	
	10:45	Alplakes: Satellite data and models for lakes in the alpine region • Introduction to Alplakes (www.alplakes.eawag.ch) • Validation of Alplakes satellite data • Integration of recent research projects	D. Odermatt, J. Runnalls
	12:15	Discussion of data applications in practice	D. Odermatt, all
	12:30	Lunch	
	13:30	Introduction to data analysis using the Alplakes portal • Introduction to ESA's SNAP tool box (https://step.esa.int/main/download/snap-download/) • Download, analysis and visualisation of Alplakes data in SNAP and QGIS	D. Odermatt, J. Runnalls
	14:45	Coffee break	
	15:15	Discussion of the further development of Alplakes in the Interreg project DiMark	D. Odermatt
	16:00	Evaluation of the course (online)	
	16:15	Conclusions and outlook	
	16:30	End	