



Annual Open Course 24-25 September 2015 at SMHI, Norrköping, Sweden:

Data assimilation of snow and ice for spring-flood forecast/ Nutrients

Course program

Thursday 24th of September 9:00-17:00

Room: Almagrundet

Time	Task	Lead (SMHI staff)
9:00	Welcome and Introduction to HYPE and examples of HYPE applications	Berit Arheimer Göran Lindström
9:30	HYPE modelling concepts	Göran Lindström
11:00	Running HYPE — input and output files	Göran Lindström
12:00	Lunch break	
13:00	Introduction to exercises	René Capell
13:15	Exercises, part 1	René Capell Göran Lindström Jafet Andersson
14:30	Pre and post-processing tools for HYPE model setup and evaluation, HYPE Open Source Community	René Capell Lena Strömbäck Göran Lindström
16:00	Exercises, part2	René Capell Göran Lindström Jafet Andersson

Friday 25th of September 9:00-16:00

All participants

Room: Almagrundet

9:00	HYPE calibration	Ilias Pechlivanidis
------	------------------	---------------------

GROUP 1 (GENERAL HYPE COURSE)

Room: Almagrundet

10:30	Snow and ice processes	David Gustafsson
11:00	Seasonal and medium range hydrological forecasting	Ilias Pechlivanidis
11:30	Earth observation and data assimilation	David Gustafsson
12:00	Lunch break	
13:00	Exercises on calibration, snow and ice, forecasting, and assimilation	David Gustafsson Ilias Pechlivanidis

GROUP 2 (NUTRIENTS)

Room: Nikkaluokta

10:30	Nutrient turnover processes in HYPE Additional data and files for nutrient modelling	René Capell Johan Strömqvist
12:00	Lunch break	
13:00	Exercises on nutrient processes	René Capell Johan Strömqvist
15:00	Introduction to course assignment	René Capell