



Annual Summer Course 25-26 August 2016 at SMHI, Norrköping, Sweden:

Multi-basin modelling at the large scale using HYPE

TRAINING:

- Setting up a model domain and changing spatial resolution.
- Calibration strategies and tools for stepwise parameter estimation using multi-source data.

Thursday 25th of August 9:00-17:00

Room: Almagrundet

Time	Task	Lead (SMHI staff)
9:00	Welcome and Introduction to HYPE, examples of HYPE applications, and the HYPE Open Source Community	Berit Arheimer Göran Lindström Lena Strömbäck
9:30	HYPE modelling concepts	Göran Lindström
10:15	<i>COFFEE break</i>	
10:30	Cont. HYPE modelling concepts Running HYPE — input and output files	Göran Lindström
11:00	Exercises, part 1: getting familiar with HYPE files, running HYPE	Göran Lindström
12:00	<i>LUNCH break</i>	
13:00	Introduction to R-package HYPETOOLS: Overview of functionality	René Capell
13:45	Exercises, part 1 (continued): Running HYPE, using HYPETOOLS to work with HYPE set-up and results (for participants familiar with R)	René Capell Göran Lindström Johan Strömqvist
14:45	HYPE model set-up, introduction to WHIST	René Capell Kristina Isberg Jörgen Rosberg Göran Lindström
15:45	<i>COFFEE break</i>	
16:00	Exercises part 2: WHIST application	René Capell Kristina Isberg Jörgen Rosberg Göran Lindström Johan Strömqvist
19:00	<i>Joint dinner downtown</i>	<i>(optional)</i>

Friday 26th of August 9:00-16:00

Room: Almagrundet

9:00	Changing spatial resolution using WHIST	Kristina Isberg
10:00	Exercises part 2 (continued): WHIST application	Kristina Isberg Jörgen Rosberg
11:00	Model calibration and evaluation	David Gustafsson
12:00	<i>LUNCH break</i>	
13:00	Introduction to calibration exercise	David Gustafsson
13:15	Exercises part 3: Stepwise calibration and evaluation	David Gustafsson Kristina Isberg René Capell
15:15	Sum-up and Open discussion	ALL
16:00	The End	