

Tutorials

This part of the HYPE documentation contains tutorials for HYPE modelling tasks. It is extended as new tutorials are written.

General HYPE tutorials

[How to start a HYPE simulation](#)

[Quick guide on using HYPE](#)

[HYPE setup tutorial](#)

[Illustrated HYPE variable IDs](#)

Specific functions in HYPE

[Automatic calibration with HYPE](#)

[Introduction to data assimilation with HYPE](#)

[Updating with flow observations and more](#)

[Sub-daily timesteps simulation with HYPE](#)

[Sequence simulation with HYPE](#)

[Parameter ensemble simulation with HYPE](#)

[Local water balance outputs](#)

[Lake and river floodplain tutorial](#)

[Set up water temperature \(T2\) simulations with HYPE](#)

[HYPE parameter regionalisation method](#)

[The soilstretch functionality](#)

[Glacier initialization options](#)

[Transfer point sources to PointSourceData.txt](#)

[Transfer multi-basin lake to HYPE version 5.11.0](#)

[How to handle deprecated atmospheric input \(5.17.0\)](#)

Coding in HYSS and HYPE

SMHI

HYPE code structure video series

- 1. Introduction
- 2. HYSS – hydrological simulation system
- 3. HYPE – hydrological model
- 4. Source files and Fortran modules
- 5. Interface



[How to build your own model - HYSS template model](#)