

Advanced Raven Course Itinerary February 2024 (DRAFT)

Day 0 - Software Installation Support (Optional)

Join February 21st at 10AM EST - 11AM EST (Zoom link)

Day 1

February 22nd - Day 1 and 2 Zoom Link

9:00	Course Overview Introduction to the course and housekeeping
9:30	Model Assembly (supported by R/RavenR) RavenR introduction and guided exercise in setting up Raven files from scratch.
10:45	Break
11:00	BasinMaker Presentation and Exercise Overview BasinMaker presentation and Exercises using BasinMaker light
12:00	Lunch Break
1:00	BasinMaker (light) Tutorial Exercise in using BasinMaker to simplify a discretization.
2:00	NetCDF Data Presentation Overview of using gridded data and passing it to Raven.
3:00	Break
3:15	NetCDF Exercise Exercise on using gridded data (optional) and getting netcdf data into Raven.
4:15	Raven Q&A Period
4:30	Break for day

Day 2

February 23rd - Day 1 and 2 Zoom Link

9:00	Reservoir and Lake Overview Presentation on Lakes and Reservoirs in Raven, followed by exercise.
10:15	Break
10:30	Reservoir and Lake Exercise
11:30	Discussion and RavenView Demo
12:00	Lunch Break
1:00	Advanced calibration overview and exercise Presentation on calibration practices and calibration exercises, followed by exercise in advanced calibration techniques.
2:45	Break
3:00	Working with Magpie – Presentation and Guided Exercise Showing use of Magpie to speed up how different parts of the model building process can be facilitated.
4:00	Course Closing Presentation and What’s Coming in Raven
4:15	Raven Q&A Period
4:30	Break for day