

# Short Course on DAISY

**31 Aug. – 4 Sep. 2026, Copenhagen, Denmark**

The short course offers an introduction to the 1D/2D DAISY agro-ecological model ([daisy.ku.dk](http://daisy.ku.dk)). It covers the main processes:



- Water flow (matrix and biopore flow)
- Solute transport (mineral N, pesticides, particles, natural toxins, etc.)
- Heat transport
- Soil organic matter turnover
- Soil vegetation atmosphere transfer of water and energy
- Crop models
- Management practices (conservation vs conventional ag systems)
- And recent developments in terms of N<sub>2</sub>O, PFAS and python-extension.

The course includes a series of short presentations, each followed by hands-on group exercises where participants learn how to use the Daisy agro-ecological simulation model and analyze a simple, pre-defined system. Specifically, you will learn how to prepare data for the model, run the model, and extract and analyze output from it. Students are encouraged to present their scientific topics and their plans for testing their hypotheses/research questions using DAISY.

**Full attendance (7.5 ECTS):** After the short course week, teachers assist students in setting up their Daisy projects through 1-hour online meetings over 2 months.

**Simple attendance (2 ECTS):** Students join only the short course.

The course is free of charge through the Danish PhD school, for other the fees are:

	Students and University employed		Employed not a university	
ECTS	2.5	7.5	2.5	7.5
Price	3000 DKK	9000 DKK	8.400 DKK	25.200 DKK

**Contact: [daisy@ku.dk](mailto:daisy@ku.dk) - Registration: [phdcourses.ku.dk](http://phdcourses.ku.dk)**

*It will be possible for master students from University of Copenhagen to follow the course for free and make a Daisy project as a "project outside courses". If interested, please contact us for making an agreement.*