training session program (October 2025)

Course and support will be held in French or in English. *Time in CEST.*

Monday 6 October
9h00-9h30: Welcome and introduction
9h30-10h30: STICS overview
10h30 Coffee time
10h45-12h45: Soil processes formalisms
Lunch
14h15-16h00: Practical work 1: JavaSTICS interface
16h00 Coffee time
16h15-17h15: Practical work 1: JavaSTICS interface
17h15-17h30: Debriefing of the day

Tuesday 7 October
9h00-10h30: Crop growth and development (part I)
10h30 Coffee time
10h45-12h15: Crop growth and development (part II)
Lunch
14h00-16h00: Practical work 2: Effect of cultural practices, soil and climate on the model outputs
16h00 Coffee time
16h15-17h15: Presentation of homework
17h15-17h30: Debriefing of the first 2-day sessions

Wednesday 8 October (for those who registered)
9h00-9h45: R packages for STICS
9h45 Coffee time
10h00-12h15: Practical work: Using STICS R packages for simulation, evaluation and calibration
Lunch
14h00-15h00: STICS Intercrop
15h00 Coffee time
15h15-17h00: STICS Intercrop

Thursday 16 October
9h00-10h15: Debriefing of homework
10h15 Coffee time and photo
10h30-12h15: Specificities of perennial crops and crop rotations
Lunch
14h00-15h30: Practical work 3: Simulation of crop rotations including perennial crop with the STICS model
15h30 Coffee time
15h45-17h00: Practical work 3: Simulation of crop rotations including perennial crop with the STICS model
17h00-17h15: Debriefing of the day

Friday 17 October
9h00-10h30: Model evaluation and calibration: principles and existing tools
10h30 Coffee time
10h45-12h15: Practical work 4: Integration of observed data and example of parameter calibration
Lunch
14h00-15h00: Practical work 4: Integration of observed data and example of parameter calibration
15h00 Coffee time
15h15-16h15: Presentations of homework results by groups of students
16h15-17h15: Debriefing of the STICS course & Evaluation of the webinar

----