



training session program (March/April 2025)

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

Monday 24 March

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 25 March

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 26 March (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 3 April

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 4 April

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
