

THESys Summer School 2023: Situating Hydrological Modelling

Preliminary programme

Day	Session	Content	Roles
Monday 09:00-17:00	Session 1 90min	Introductions, motivation, organization; introduction to reflexivity, situatedness and hydrological modelling	Input Krueger
	Coffee 30min		
	Session 2 90min	Group work: Game-based exploration of ontological and epistemological commitments	Small groups
	Lunch 60min		
	Session 3 90min	Plenary reflection: embedding of game experience in theory	Chair Zwarteveen
	Coffee 30min		
	Session 4 90min	Method: Participant observation; observation task (memo) for next day; Introduction to case study and next day's site visit	Input Rusca
	Evening event 90min	Staged interdisciplinary dialogue of participants	Chair Vos
Tuesday 09:00-17:00	Travel 60min		
	Session 90min	Site visit: lake case study 'Sacrower See & Groß Glienicker See' of CliWaC project: https://www.cliwac.de/en/index.html	Input CliWaC researchers
	Lunch 60min	On site	
	Travel 60min		
	Session 3 90min	Individual work: writing memos; online upload	Assistance by teachers
	Coffee 30min		
	Session 4 90min	Plenary reflection: participant observation and memos; comparing notes on case; observation task for model building phase	Chair Rusca
Wednesday 09:00-17:00	Session 1 90min	Group work: building conceptual model of lake case	Small groups
	Coffee 30min		
	Session 2 90min	Group work: building conceptual model of lake case	Small groups
	Lunch 60min		
	Session 3 90min	Method: Interview techniques; interview task for next session	Input Vos
	Coffee 30min		
	Session 4 90min	World Café: interviewing case experts	CliWaC experts

Thursday 09:00- 17:00	Session 1 90min	Group work: finishing conceptual model of lake case	Small groups
	Coffee 30min		
	Session 2 90min	Group work: finishing conceptual model of lake case	Small groups
	Lunch 60min		
	Session 3 90min	Individual work: writing memos on group work; online upload	Assistance by teachers
	Coffee 30min		
	Session 4 90min	Plenary reflection: presentation of results; contrasting conceptual models and group work	Chair Krueger

Friday 09:00- 17:00	Session 1 90min	Theory: embedding of reflections in concept of situated modelling	Input Alba
	Coffee 30min		
	Session 2 90min	Theory: connecting reflections to ethical commitments	Input Zwarteveen
	Lunch 60min		
	Session 3 90min	Theory: outline of next steps of attending to technicalities of formal and procedural models	Input Venot
	Coffee 30min		
	Session 4 90min	Plenary reflection: wrap-up discussion; how to stay in touch; feedback	Chair Alba
	Evening event 90min	Fishbowl discussion with Casper Bruun Jensen (via ZOOM) – tbc	Chair Venot