

Theories and Methods in Spatial Community Modelling

WORKSHOP PROGRAM

Day	Time	Talk title	Lecturer
21.04.2015	10:15-10:45	<i>Registration</i>	
	10:45-11:00	Welcome and Introduction	A. Guisan
	11:00-12:00	Theories and Methods in Spatial Community Modelling: an overview	M. D'Amen
	12:00-13:30	<i>Lunch</i>	
	13:30-15:00	Evolutionary aspects of community assembly	O. Hardy
	15:00-15:30	<i>Coffee break</i>	
	15:30-17:30	PRACTICALS: Considering phylogenetic information in the analysis of species traits data with the adephylo package	S. Dray
22.04.2015	9:00- 10:30	Analytical challenges and general solutions to modelling metacommunities: local environment, connectivity and missing predictors	P. Peres-Neto
	10:30-11:00	<i>Coffee break</i>	
	11:00-12:30	Using functional and phylogenetic information to disentangle community assembly processes - concepts, methods and prospects	W. Thuiller
	12:30-14:00	<i>Lunch</i>	
	14:00-15:30	Community Assembly by Trait Selection	B. Shipley
	15:30-16:00	<i>Coffee break</i>	
	16:00-18:00	PRACTICALS: MAXENT model	B. Shipley
19:30	<i>SOCIAL DINNER</i>		
23.04.2015	9:00- 10:30	Forest Dynamic models	N. Zimmermann
	10:30-11:00	<i>Coffee break</i>	
	11:00-12:30	Modelling biotic interactions: from species to networks	L. Pellissier
	12:30-14:00	<i>Lunch</i>	
	14:00-15:30	The past, present, and future of null model analysis	N. Gotelli
	15:30-16:00	<i>Coffee break</i>	
16:00-18:00	PRACTICALS: EcoSimR	N. Gotelli	
24.04.2015	9:00- 10:30	Incorporating processes into biodiversity projections through metacommunity modelling	K. Mokany
	10:30-11:00	<i>Coffee break</i>	
	11:00-13:00	PRACTICALS: Modelling and analysing compositional turnover with GDM	K. Mokany
	13:00-14:30	<i>Lunch</i>	
	14:30-16:00	Integrative framework for applied compositional-turnover modelling	S. Ferrier
	16:00-16:30	<i>Coffee break</i>	
	16:30-18:00	Round Table & Conclusions	A. Guisan & M. D'Amen