



Centro Ibérico de Restauración Fluvial

Aimed at:

This seminar is aimed at professionals, researchers and PhD students interested in habitat modelling, environmental flow assessments, river restoration and riparian vegetation. Language is English.

Aims to:

Provide a wide view over the possibilities offered by program CASiMiR for Habitat Simulation (Computer Aided Simulation System for Instream Flow Requirements) and the fuzzy models, with a practical perspective about fish, invertebrates and riparian.

Location:

Centro de Formación de Postgrado.
Main Campus, Univ. Politècnica de Valencia Camino de Vera s/n, 46022

Valencia



Inscription and contact via Web-site:

www.cfp.upv.es → search course: CASIMIR

Further questions: F. Martínez Capel (IGIC, UPV), Director of Seminar,

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Habitat Simulation and Environmental Flows Assessment in CASIMIR

	1st day	7th May		2nd day	8th May
9:30	F. Martínez-Capel	Course Presentation			
9:45	Matthias Schneider Univ. of Stuttgart	Introduction and fields of application	9:30	Ans Mouton, INBO, Belgium	Fuzzy Rules and sets - introduction
10:30	Matthias Schneider Univ. of Stuttgart	CASiMiR application and case studies	10:30	Ans Mouton, INBO, Belgium	Case studies of habitat suitability models with fuzzy approach
11:30	Coffe break		11:30	Coffe break	
12:00	Matthias Schneider Univ. of Stuttgart	Physical habitats and description. Fuzzy logic approach	12:00	Rafael Muñoz-Mas U. Polit. València	Comparison of habitat suitability curves and fuzzy models for habitat simulation - Case Study
	Break			Break	
13:00	F. Martínez-Capel, U. Polit. València	Habitat Suitability models. Approaches and models in Spanish rivers.	13:00	Matthias Schneider, Univ. of Stuttgart	CASiMiR-Fish for benthos habitat modelling and CASiMiR-Hydropower
14:00	Lunch		14:00	Lunch	
16:00	Matthias Schneider Univ. of Stuttgart	CASIMIR-Fish application, exercises (practice on PC)	16:00	Matthias Schneider, Univ. of Stuttgart	MesoCASiMiR-GIS, introduction and case studies
	Break			Break	
17:15-19:00	Matthias Schneider Univ. of Stuttgart	CASIMIR-Fish application, exercises (practice on PC)	17:15-19:15	F. Francés & A. García-Arias (UPV), E. Politti (Umweltbüro Klagenfurt, Austria)	Dynamic modelling of riparian vegetation succession (introduction & practice on PC)
19:00	Tomas R. Payne (U.S.A.)	New tool SEFA: System for Environmental Flow Analysis			



Seminar fees: low special price for members of CIREF:

You can join at: <http://www.cirefluvial.com/en/join-us.php>

and members of SCARCE project (Consolider-Ingenio 2010)