ECOPATH WITH ECOSIM COURSES

Course I: Introduction to food web modeling with Ecopath with Ecosim (3 days)  
Course II: Advanced Ecosim and Ecospace (2 days):

Course I: 5, 6 and 7 November 2018  
Course II: 8 and 9 November 2018

Local: CCMAR  
Universidade do Algarve  
Campus de Gambelas, 8005-139 Faro, Portugal

INSTRUCTORS

Dr Natalia Serpetti

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Affiliation: The Scottish Association of Marine Science (SAMS), Scottish Marine Institute, Oban, UK

Short CV:

Natalia Serpetti is postdoc researcher associate on ecosystem modelling and benthic ecology. Her research interests cover a wide range of the ecosystem levels from fish ecology to benthic ecology and nutrient cycling. She holds a PhD on biogeochemistry/modelling and her current focus is on understanding the processes governing the dynamics of marine ecosystems and the forces that can regulate it using modelling approaches.

She is currently working on two major projects. For the “Marine Ecosystem Research Programme (MERP)” project she is responsible on “updating and driving the Ecopath with Ecosim and Ecospace ecosystem models of the West Coast of Scotland and Celtic Sea” by bringing together existing and new data. The final aim of this project is to fill up the knowledge gaps on ecosystem modelling integrating current models and knowledge of ecosystem services within a common framework in UK.

For the “INvestigate the NOvel challenges of an integrated Multi-Purpose Platform (INNO-MPP) project (INNO-MPP) she is assessing the impacts of marine renewable energy devises on the marine ecosystems. Using Ecopath with Ecosim and Ecospace these assessments are been currently carried out for a UK site (West coast of Scotland) and a Chinese site (Bohai Sea).

Since 2015 she has been lecturing/supervising Ecopath with Ecosim at the BSc, MSc and PhD levels.
Relevant publications


Jeroen Steenbeek

Email: jeroen@ecopathinternational.org

Affiliation: Ecopath International Initiative (EII), Barcelona, Spain

Short CV:

Jeroen Steenbeek is a classically trained software engineer with over twenty-five years of experience of software development in industrial, commercial and academic settings. He holds a Masters’ degree in Geographic Information Systems. He is specialized in design and development of ecosystem models, ecosystem model interoperability, software usability and user interface design, and science-audience communication.

He has been a core architect and developer of the Ecopath with Ecosim approach since 2006. He has been teaching EwE courses and workshops around the world since 2008, with focus on the use of Ecospace, and the use of the EwE source code to automate modelling tasks.

Jeroen is currently based at through Ecopath International Initiative in Barcelona, where he manages the EwE product life cycle, coordinates and participates in EwE developments, and coordinates and assists in EwE user support.
Relevant publications


