

<h1>ISEI 7</h1> <p><small>7th International Conference on Ecological Informatics</small></p> <p>13 – 16 December 2010</p> <p>Ghent University Ghent, Belgium</p>	<p>A survey on education and training in ecological informatics</p> <p>Paulo Salles¹, Bert Bredeweg² and Pedro Luiz Pizzigatti Correa³</p> <p>psalles@unb.br, B.Bredeweg@uva.nl, pedro.correa@poli.usp.br</p> <p>¹University of Brasilia Institute of Biological Sciences, Campus Darcy Ribeiro; Brasília – DF, Brazil, 70.910-900. ²University of Amsterdam PO Box 94323; 1090 GH Amsterdam, The Netherlands ³University of São Paulo School of Engineering; Computer Engineering Department PB: 61548 São Paulo-SP, Brazil, 05508-900</p>
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Session: Education and training in ecological informatics (Chairs: Prof. P. Salles (Brazil), P. Correa (Brazil) and B. Bredeweg (The Netherlands)

Timing: 15 December 2010, Persconferentie Room, 16h20-16h40 (Code ET 13)

Abstract

Modeling and the use of models are becoming ubiquitous, and have been recognized as valuable activities for the development of cognitive and reasoning skills. We are interested in learning what the ecological informatics community is doing now to prepare the next generation of modelers, researchers and model users.

This paper presents the results of a survey conducted to find out how ecological informatics is being taught by the current generation. Information about modeling courses for pre-university, undergraduate and graduate students and the public, including the objectives of the courses, learners profile, content topics, the use of software, textbooks and other didactic materials, evaluation activities is discussed.

Most intriguing for us is the vision of the future: how does the ecological informatics community see the future of modeling? Is it feasible to have young students learning by modeling and using models as early as in the fundamental school? We also want to know if the community would support the creation of a network of modelers to support education and training in ecological informatics.

The results will be discussed at ISEI7.

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