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## 2010 International Conference on Integrative Landscape Modelling

Montpellier, France – 3-5 February 2010

<http://www.umr-lisah.fr/rtra-projects/landmod2010>

### First call for papers

The landscape results from complex interactions between biophysical and ecological processes (the ‘environment’ sub-system) and human activities (the ‘human’ sub-system). As such, the study of landscapes implies researches in many different disciplines like soil sciences, hydrology, agronomy, ecology, social sciences, economy...

The landscape is a relevant scale of study both for a better understanding of the impacts of global changes and as a unit of dialogue among local stakeholders for decision making about land use planning in order to optimise environmental services in a sustainable way.

In order to gain a better understanding of landscape functioning, it is necessary to integrate the various components of the system and their dynamic interactions through modelling approaches. To do so, researchers from each of the disciplines involved not only need to work together, but also with scientists in the domains of mathematics and computing.

The 2010 international conference on integrative landscape modelling will gather leading scientists in each of the main disciplines dealing with ecosystems and landscape simulation and management, complex dynamic modelling and assessment of vulnerability, resilience and adaptation of agro- and eco-systems under human influence.

The main objectives of the conference are:

- i) To discuss the objectives, priorities and expectations when modelling the functioning of landscapes;
- ii) To share experience about landscape modelling and to identify major existing conceptual and technological gaps;
- iii) To release a ‘state of the art’ about landscape modelling and simulation;
- iv) To start building an international network on integrative ecosystems and landscape modelling.

If you are interested in attending this conference, please send through the conference website an extended abstract of your original work related to any aspect (thematic, conceptual, epistemological, technical) of integrative landscape modelling (4 pages including figures and tables and references) no later than **October, 18<sup>th</sup>**. You will be informed of your selection for an oral or poster presentation by November, 30<sup>th</sup>.

### Steering committee

Jean-Christophe FABRE, INRA Montpellier  
Marc JAEGER, CIRAD Montpellier  
Xavier LOUCHARTE, INRA Montpellier  
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### Conference secretariat

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