



II CONGRESSO BRASILEIRO DE ECOLOGIA DE PAISAGENS



II SIMPÓSIO SCGIS-BR

10 A 12 DE SETEMBRO | HOTEL VILA GALÉ SALVADOR | SALVADOR - BA

Presentation

The International Association of Landscape Ecology from Brazil (IALE-BR) is promoting the second IALE-BR, from September 10 to 12 of 2012, in Salvador (BA), continuing the initial work from the IALE Latin American Conference, in October 2009.

The congress is being organized by the Brazilian Scientific Society of Landscape Ecology (IALE-BR)

Together with the II-IALE-BR, there will be the SCGIS-BR symposium, organized by the Brazilian chapter of the Society for Conservation GIS. The theme of this symposium is: "GIS for biodiversity conservation: supporting the planning and management of sustainable landscapes". This symposium will attract not only researchers of Landscape Ecology and Conservation, but also professionals interested in recent advances in Geographical Information System and remote sensing applied to the conservation of the environment.

The event intends to strengthen the field of Landscape Ecology in Brazil and provides continuation of the works of Latin American IALE.

Given the increasing importance of spatially explicit studies in environmental fields, we expect to receive a diverse audience, with the publication of more than 200 abstracts, among oral presentations, posters and symposiums. We are also anticipating the participation of private and governmental entities such as consultant enterprises and agencies of environmental regulation.

In recent times, many universities have hired professors specialized in Landscape Ecology, and the numbers of lectures, round tables and short courses have been increasing continuously in different events and under-graduate and graduate courses.

Landscape Ecology is a new discipline, in great expansion, particularly in Europe, the United States and Australia, and with many applications in environmental planning and biological conservation. In Brazil, this discipline is more recent, but with a huge potential for growth motivated by the great environmental challenges in our country.

Our goal is that the sum of researches conducted by universities, NGOs, enterprises and government represent a valuable contribution to sustainable development in Latin America.

We look forward to your presence.

Organizing Committee



What is Landscape Ecology and its applications?

Human-beings live in an environment that is ever more modified by their own activities, causing serious problems, such as the soil degradation, depletion of water resources, climatic changes, and species extinction among others. In these scenarios, the understanding of humanity's interaction with the environment is fundamental for us to look for new sustainable solutions for the land use and occupation regarding biodiversity conservation and human well-being. In a context of huge demographic growth, where the resources are limited, it is imperative to plan human activities in order to promote not only the improvement of life quality, but also the social justice, sustainable use of natural resources, and the conservation of many ecosystem services. A new discipline is emerging to make possible this planning: the Landscape Ecology. This discipline joins the science of Ecology and Geography, increasing our knowledge about the ecological processes in a spatial context. Landscape Ecology proposes the understanding of heterogeneous mosaics, considering all their physical, biological and social complexity, in a scale coincident to that of human activities. The diversity of analyses and scales provide the theoretical bases to debate questions of environmental planning and biodiversity conservation.

Using the principles of Landscape Ecology, it is possible to create strategies for habitat restoration and biodiversity conservation in a changed environment, using a socio-environmental management, in order to guarantee preservation of both the natural environment and cultural diversity. Landscape Ecology offers the scientific bases necessary to define plans and actions to favor biodiversity conservation and environmental planning, looking for the sustainable development.

The goals of the event

To strengthen the studies based on Landscape Ecology Science in Brazil;

To present applied and academic works about Landscape Ecology produced by undergraduate and graduate students, researchers and professionals in the whole country and abroad;

To develop and establish new methods and experimental designs for studies in conservation biology and sustainable landscape management using different spatial and temporal scales, and to consolidate the current approaches;

To promote the advancement of techniques, tools and new technologies for the development of Landscape Ecology and for the sustainable management of Brazilian landscapes;

To create interaction among researchers and professionals from across Brazil;



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To use this moment of interaction to synthesize and integrate the current knowledge in Landscape Ecology, aiming to identify gaps and new lines of research and applications for the development of this science

For more information about the meeting, please contact us: eventus@eventus.com.br

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