

EcoSummit 2016: Ecological Sustainability, Engineering Change

The 5th International EcoSummit Congress “EcoSummit 2016: Ecological Sustainability, Engineering Change” will take place at The Corum Convention Centre, Montpellier from 29 August – 2 September 2016. This conference series was founded in 1996 in Copenhagen, as a forum to meet the demands of scientists working in several new ecological disciplines, and who required a better understanding of the concepts and methods for a holistic use of ecology in environmental management. Since 1996, EcoSummit has been taken around the world (Canada and China), with EcoSummit2012 hosting 1600 participants in Columbus, Ohio, USA (<http://www.ecosummit2012.org/index.htm>).

EcoSummit 2016 will centre on the ecology of terrestrial ecosystems and all habitats that are integrated within those ecosystems, including river networks, wetlands and coastlines. Focus will be placed on fragile ecosystems that are more likely to suffer the consequences of climate change and anthropogenic pressure. However, in the current context of an increasing world population, changes in social habit (increasing world consumerism) and climate change, it is evident that agriculture is being intensified but with a growing awareness of the need to preserve and use sustainably world resources. Therefore, we will also address how terrestrial restoration can be carried out when the massive demand for food results in fragile ecosystems, forests and marginal lands being turned over to agriculture. The central and fundamental topics of EcoSummit 2016 are as follows:

Topics

- Ecosystem Creation and Restoration
- Ecological Engineering
- Sustainability and Resilience
- Disturbance ecology
- Anthropogenic pressure
- Ecosystem Services
- Ecological Indicators
- Biodiversity and Biological Conservation
- Climate Change
- Ecological intensification
- Fragile ecosystems and hotspot management
- Agro-ecology
- Ecological Complexity
- Ecotoxicology
- Ecological Economics
- Ecological Modelling
- Biological Invasions
- Ecosystem Health
- Environmental Policy
- Integrating socio-economics and ecology
- Watershed/River Catchment Management
- Ecohydrology
- Arid lands and desertification

Host Organization:

Joint Research Unit ‘Botany and Computational Plant Architecture’ (AMAP)

Comprising the following institutional units: CIRAD UMR 51, CNRS UMR 5120, INRA UMR 931, IRD UMR 2M123, UM2 UM27

Website: <http://amap.cirad.fr/en/index.php>

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