

# REGISTRATION

You can register for the symposium online via [sesss05.setac.eu](http://sesss05.setac.eu). Please note, registration is limited to 135 participants on a first come, first served basis.

If you register and pay before 16 November, you will benefit from a €150 reduction on the registration fee.

	Through 15 November	After 15 November
SETAC member	€590	€740
Non-member	€740	€890
SETAC student member*	€250	€250

\*Student registration fees are ONLY available to SETAC student members who submit an abstract for poster presentation at the symposium

Go to [www.setac.org](http://www.setac.org) to join SETAC and benefit from €150 reduction on your registration fee.

Registration fees include attendance at the two day symposium, buffet lunch each day, morning and afternoon coffee breaks, a cocktail reception the evening of the first day and the symposium dinner. Hotel accommodation and breakfast are not included. The symposium will be conducted in the Marivaux hotel ([www.marivaux.be](http://www.marivaux.be)) in the centre of Brussels.

## Posters

We welcome the submission of abstracts for posters at this symposium. The abstracts will be evaluated by the steering committee in order to provide a broad overview on the topic. Ample time will be given during the symposium for authors to discuss the posters with the other participants of the meeting. Submit your poster abstract online via [sesss05.setac.eu](http://sesss05.setac.eu) before 15 November 2011.

## Exhibition

SETAC Europe invites exhibitors from contract research laboratories, research institutes, and consultancies to promote their services at this symposium. Details can be found on the website ([sesss05.setac.eu](http://sesss05.setac.eu)).

## Sponsorship Opportunities

If your organisation is seeking either to promote its specialisms in relation to the symposium theme or to demonstrate support for SETAC, then there is an opportunity for you to sponsor this meeting. You will be recognised on symposium literature, on the symposium website and on any post symposium publications. You may also specify sponsorship such as contributions to research student attendance at the meeting.

For details either see the symposium website ([sesss05.setac.eu](http://sesss05.setac.eu)) or contact the SETAC Europe office.

# ECOSYSTEM SERVICES

## FROM POLICY TO PRACTICE



5th SETAC Europe  
Special Science Symposium  
15-16 February 2012, Hotel Marivaux, Brussels



# ECOSYSTEM SERVICES: FROM PRACTICE TO POLICY

Ecosystems are under considerable threat due to the environmental impacts of an increasing human population and its even greater demand for energy, water, food and other natural resources. People depend on ecosystems for their basic requirements of life (e.g., food, water, fuel, shelter), as well as from the functions of ecosystems necessary to sustain our modern life style and well-being.

These benefits are termed ecosystem services and are classified as provisioning services (e.g., food, fuel), regulating services (e.g., climate regulation, pollination, flood regulation), cultural services (e.g., educational values, aesthetic values) and supporting services (e.g., photosynthesis, nutrient cycling). The ecosystem services concept was highlighted by the Millennium Ecosystem Assessment, in order to explain the link between biodiversity, ecosystem services and human well-being. More recently, an international study on the economics of ecosystems and biodiversity has drawn attention to the global economic benefits of ecosystem services. The ecosystem services concept provides a useful tool for communicating our dependency on ecosystems and the importance of environmental management that focuses on protecting ecosystem service delivery.

The ecosystem services concept may, amongst others, be used to

- develop sustainable approaches for European landscapes,
- assess impacts of land use changes on regional to global scales,
- determine appropriate levels of protection for ecosystems,
- evaluate the costs and benefits of intensive forms of production of goods (in agriculture, fisheries, forestry), and
- design and implement EU policies, taking the trade-offs between different ecosystem services across policy sectors into account.

The ecosystem services concept is gaining increasing prominence in environmental policy making and several environmental organisations have adopted it. For instance, the EU has set a target of “halting the loss of biodiversity and the degradation of ecosystem services in the EU by 2020 and restoring them as far as is feasible”. Although the concept is gaining popularity with regulators and policy makers, and much attention has been given to the valuation of ecosystem services, the underlying science required to put policy into practice is still under development. Sustainable management of ecosystem services is more than improving environmental quality; it also requires a consideration of trade-offs between ecosystem services as well as spatial and temporal discontinuities between service provision and utilisation in the long term. Local scale actions may have consequences at the landscape, national or global scale. Hence the scientific understanding used to underpin the evaluation and management of ecosystem services needs to apply at these larger spatial scales considering landscape structure.

## Aim of the symposium

This special science symposium aims to introduce the ecosystem services concept and its applications in environmental assessment and management to a broad audience. The focus will be on the implementation of the European environmental policies, such as the biodiversity agenda, the agricultural policy and the water framework directive.

## Who will benefit from this conference?

- Environmental managers, landscape planners, risk assessors and researchers from business, government and academia.
- Consultants and contract researchers offering services related to environmental risk assessment and environmental management, spatial planning and decision making.

## Why attend?

- To learn about the use of the ecosystem services concept in environmental policies.
- To learn about application of the concept in environmental assessment and management, including pesticide risk assessment, Life Cycle Assessment and spatial planning.

## Sessions

- **Day one: policies and concepts**
  - EU policy frameworks and ecosystem services.
  - Ecosystem services, landscape structure and scale (arable, urban, forestry, watersheds).
  - Delivering multiple ecosystem services.
- **Day two: management and tools**
  - Managing landscapes for the sustainable delivery of ecosystem services.
  - Assessment of trade offs.
  - Tools to assess impacts on biodiversity and ecosystem services, including valuation methods and Life Cycle Assessment.
  - Data/knowledge gaps.

## Scientific steering committee

- Joke van Wensem, Soil Protection Technical Committee, NL (Chair)
- Lorraine Maltby, Sheffield University, UK (co-Chair)
- Eamonn Farrelly, Syngenta, UK
- Udo Hommen, Fraunhofer IME, DE
- Katja Knauer, Federal Office for Agriculture, CH
- Thomas Koellner, Bayreuth University, DE
- Paulo Sousa, University of Coimbra, PT