



**Chaire Développement durable  
Ecole polytechnique - EDF**

## **Séminaire Développement durable et économie de l'environnement**

Bien que les services fournis par les écosystèmes soient essentiels pour le bien-être de l'homme et de toute vie sur terre, ils se dégradent à un rythme alarmant : selon l'Evaluation des écosystèmes en début de millénaire (2005), près de deux tiers des services écosystémiques sont actuellement menacés. Par ailleurs, la biodiversité est de plus en plus reconnue comme élément fondamental pour soutenir la capacité des écosystèmes à fournir ces services.

Lors de cette session, Marianne Kettunen et Patrick ten Brink démontreront, à partir d'exemples au sein de l'Union Européenne, les impacts socio-économiques de la détérioration des services écosystémiques associées à la perte de la biodiversité. Leur étude souligne la nécessité de s'interroger sur la façon dont la biodiversité et ses services pourraient être mieux intégrés en amont des processus de prise de décisions et de formulation des politiques afin de minimiser leur perte.

**Patrick ten Brink & Marianne Kettunen \***

*Institute for European Environmental Policy*

### **The value of biodiversity related ecosystem services enhancing the integration of biodiversity into policy- and decision making**

**Mardi 29 mai 2007, de 17 heures à 19 heures,**

**à l'Iddri - 6, rue du Général Clergerie - 75116 Paris**

#### **Résumé**

The value of ecosystem services (eg providing food and other resources, water purification, nutrient retention, erosion control, recreation and ecotourism etc.) is gaining increasing attention and in this context, the role of biodiversity as a fundamental part of ecosystem services is increasingly addressed. There are a considerable number of examples of the loss of ecosystem services due to and/or associated with the loss of biodiversity. On numerous occasions it has also been demonstrated that the loss of biodiversity related ecosystem services can lead to socioeconomic and financial costs, including financial losses. In several cases the loss of biodiversity and associated services could have been avoided or minimised by considering the full implications of decisions on ecosystem services.

Thus, it could be argued that improving the integration of biodiversity and ecosystem services related aspects into decision making process would allow more sustainable development initiatives and management practises to take place, contributing to halting the loss of biodiversity in the EU. The aim of presentation by Kettunen and ten Brink is to provide insights on the socio-economic impacts of the loss of biodiversity related ecosystem services. The presentation also introduces possibilities and ideas, including concrete tools and methodologies, for including biodiversity related aspects as an integral part of policy and decision-making processes and their evaluation. Finally, the speakers also aim to summarise the future steps needed to improve biodiversity and ecosystem services valuation.

**Patrick ten Brink** is a Senior Fellow and Head of the Institute for European Environmental Policy's Brussels office. The Institute for European Environmental Policy (IEEP), based on London and in Brussels, is an independent and influential centre for the analysis and development of policies affecting the environment in Europe and beyond. IEEP aims to bring an independent analytical perspective to policy questions, engaging in both pressing short-term policy issues and long-term strategic studies. Patrick is the leading environmental economist in IEEP and his current research interest include, for example, the development of instruments for supporting policy and decision-making and evaluation. Before joining IEEP, Patrick was an Associate Director in the environment group of ECOTEC Research and Consulting Ltd, and was responsible for environmental economics and policy, and EU-accession related advice.

**Marianne Kettunen** (MSc) is a policy analyst working at the Institute for European Environmental Policy (IEEP) in Brussels. She is specialised in issues related to sustainable use and conservation of biodiversity, including international and EU policy/legal frameworks for biodiversity conservation. During her career Marianne has been involved in a number of research initiatives ranging from sustainable use and conservation of biodiversity in the context of international development cooperation to research projects supporting the development of EU biodiversity policy. Marianne's main current research interests lie in improving the integration of biodiversity and ecosystem services into EU and national policy and decision-making. She is the leading author of the recent IEEP publication on the value of biodiversity (Kettunen & ten Brink. 2006. Value of Biodiversity - Documenting EU examples where biodiversity loss has led to the loss of ecosystem services [link: <http://www.ieep.eu/whatsNew/newsitem2.php>]

**Merci de confirmer votre présence, au plus tard le 26 mai, à Isabelle Delaporte**

**([iddri@iddri.org](mailto:iddri@iddri.org) ou par télécopie : 01 53 70 21 45) avec le bulletin ci-joint.**

# Séminaire Développement durable et économie de l'environnement

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**à la conférence de Patrick ten Brink & Marianne Kettunen, le 29 mai 2007.**

Merci de renvoyer ce bulletin réponse à **Isabelle Delaporte**  
par télécopie au 01 53 70 21 45 ou par courriel à [isabelle.delaporte@iddri.org](mailto:isabelle.delaporte@iddri.org)  
**avant le 26 mai.**