



LICOS Centre for Institutions and Economic Performance

International Conference

Handling Global Challenges

Managing Biosafety and Biodiversity in a Global World EU, US, California and Comparative Perspectives

Royal Flemish Academy of Belgium for Science and the Arts
Hertogsstraat 1, Brussels
10th June 2009

This project is supported by the European Commission Directorate-General for External Relations under the pilot-programme of Transatlantic Methods for Handling Global Challenges.

Handling Global Challenges

Managing Biosafety and Biodiversity in a Global World EU, US, California and Comparative Perspectives

This conference is the result of a project, funded by the European Commission (DG External Relations) within the framework of the pilot-program on Transatlantic Methods for Handling Global Challenges, examining the roles that the European Union and the United States (with a specific focus on California) play in global environmental governance with specific reference to biodiversity and biosafety. The project is a joint effort by the Leuven Centre for Global Governance Studies (University of Leuven), LICOS Centre for Institutions and Economic Performance (University of Leuven) and Centre on Institutions and Governance (UCBerkeley) and brought together a network of academics, policy makers, policy analysts and stakeholder representatives.

During the project several papers were prepared which address transatlantic co-operation in general and which focus on the management of biodiversity and biosafety in specific. These papers are available on the project website: www.transatlantic.be.

A first conference resulting out of the project was organised in Washington on April 30. The Washington conference focused on Transatlantic Environmental Regulation-Making, Transatlantic Perspectives on Persistent Organic Pollutants and Endocrine Disrupting Chemicals, US and EU Biotechnology Regulations and Comparative Advantage, Evolving Water Regulation in California; and the European Union and Future Areas of Cooperation between the European Union, California and the United States on Climate Change. The webcasting of the Washington conference is also available on the project website: www.transatlantic.be.

The current conference will focus on the European Union in Global Environmental Governance, Environmental Policy in a Multi-Level Governance Structure, EU-US Horizontal Regulatory Cooperation, Agriculture and the Conservation of Wildlife Biodiversity and Green Chemistry and Chemicals Policies in the United States and the European Union. The conference will end with a forward look with regard to 'Transatlantic Co-operation - Options for the Future'.

The conference will also be made available as a webcast on the project website.

CONFERENCE PROGRAMME

8.30	Registration
9.00	Welcome Jan Wouters, Professor of International Law, Director Leuven Centre for Global Governance Studies, University of Leuven
9.10	Introductory Remarks - Transatlantic Regulatory Co-operation Project Jo Swinnen, Professor of Development Economics, Director of LICOS Centre for Institutions and Economic Performance, University of Leuven David Vogel, Solomon P. Lee Distinguished Professorship in Business Ethics, UC Berkeley
9.30	Key-note Lecture: European Union in Global Environmental Governance Jos Delbeke, European Commission, Deputy Director-General DG Environment
10.00	Panel: Environmental Policy in a Multi-Level Governance Structure. Iterative Federalism and the Case of California Motor Vehicle Emissions Key-note: Ann Carlson, Professor of Law and the inaugural Faculty Director of the Emmett Center on Climate Change and the Environment at UCLA School of Law Chair: Jan Wouters, Professor of International Law, Director Leuven Centre for Global Governance Studies, University of Leuven Panel <ul style="list-style-type: none">• Hans Bruyninckx, Professor of International Relations, University of Leuven• Ian Clark, European Commission (DG Environment), Head of Unit Research, Science and Innovation• Ingmar von Homeyer, Director Brussels Office of Ecologic Institute Q&A
11.20	Coffee and Tea Break

<p>11.50</p>	<p>Panel: EU-US Horizontal Regulatory Cooperation: Two global regulatory powers converging on how to assess regulatory impacts?</p> <p>Key-note: Anne Meuwese, Marie Curie Research Fellow, University of Antwerp Chair: David Vogel, Solomon P. Lee Distinguished Professorship in Business Ethics, UC Berkeley</p> <p>Panel</p> <ul style="list-style-type: none"> • Natalie Pauwels, European Commission (DG Environment), Policy Officer International Affairs Directorate • Alberto Alemanno, Associate Professor of Law at HEC School of Management • Bart Kerremans, Professor of Politics, University of Leuven <p>Q&A</p>
<p>13.10</p>	<p><i>Lunch Break</i></p>
<p>14.10</p>	<p>Panel: Agriculture and the conservation of wildlife biodiversity - Comparative analysis of policies in the USA and the EU.</p> <p>Key-note: Heike Nitsch (Johann Heinrich von Thünen-Institut), Andrew Manale (US Environmental Protection Agency) and Bernhard Osterburg (Johann Heinrich von Thünen-Institut) Chair: Jo Swinnen, Professor of Development Economics, Director of LICOS Centre for Institutions and Economic Performance, University of Leuven</p> <p>Panel</p> <ul style="list-style-type: none"> • David Baldock, Executive Director, Institute for European Environmental Policy • Boris Barov, European Conservation Manager BirdLife International • Jorge Nunez, Research Fellow, Centre for European Policy Studies <p>Q&A</p>
<p>15.30</p>	<p><i>Coffee and Tea Break</i></p>

<p>16.00</p>	<p>Panel: Green chemistry and chemicals policy in the United States and the European Union: The role of policy collaboration in addressing global environmental issues.</p> <p>Key-note: Megan Schwarzman, Program in Green Chemistry & Chemicals Policy, UC Berkeley and Michael Wilson, Program in Green Chemistry & Chemicals Policy, UC Berkeley</p> <p>Chair: Heddy Riss, Director of the IGS Center on Institutions and Governance, UC Berkeley</p> <p>Panel</p> <ul style="list-style-type: none"> • Lucas Bergkamp, Hunton & Williams - Erasmus University Rotterdam • Astrid Schomaker, European Commission (DG Environment), Head of Unit Chemicals • Ethel Forsberg, Director-General Swedish Chemical Agency <p>Q&A</p>
<p>17.20</p>	<p>Key-note Lecture: Transatlantic Co-operation - Options for the Future</p> <p>Mr. Marc Vanheukelen, European Commission, Head of Unit for Relations with the United States and Canada, DG for External Relations.</p>
<p>17.35</p>	<p>Closing Remarks</p> <p>Jo Swinnen, Professor of Development Economics, Director of LICOS Centre for Institutions and Economic Performance, University of Leuven</p>

SPEAKER BIOGRAPHIES

Alberto Alemanno is Associate Professor of Law at HEC Paris, where he teaches European law and Risk Regulation. He previously worked as a Legal Secretary at the European Court of Justice and as a Teaching Assistant at the College of Europe in Bruges. He holds a JD from the University of Torino, Italy as well as LLM degrees from the College of Europe and Harvard Law School and a PhD in International Law & Economics from Bocconi University

David Baldock studied Economics and Philosophy at Cambridge and has had a career in independent policy institutes. He joined the Institute for European Environmental Policy (IEEP) in 1984 and has been executive director since 1998. He has been responsible for a wide range of studies on European environmental, agricultural and related policies and is an experienced observer of EU affairs. As well as independent work he has led policy research studies for the European Commission, OECD, governments and NGOs. He established the Institute's agricultural policy work in the mid 1980s and has been responsible for a series of research projects on agriculture, rural development and nature conservation policy in Europe. He led the Institute's work on the integration of agricultural and environmental policy within the CAP and the development of agri-environment measures and has been active in Central and Eastern Europe as well as the older EU Member States. Recent work includes studies on the future of the CAP, the delivery of public goods in rural areas and specific policies such as modulation and cross-compliance.

Boris Barov is currently conservation manager for the European Division of BirdLife International. There he develops the conservation programme of BirdLife and facilitates its implementation across the network of 42 countries and organisations. Boris Barov leads the species and site conservation projects, supports the Forest taskforce and helps individual partners with conservation planning and prioritisation. He is active in plural conservation projects, among others the 7 Species Action Plans in Europe and he produces Guidelines for AEWA Single Species Action Plans.

Lucas Bergkamp is a partner in the Brussels office of the international law firm of Hunton & Williams. Prof. Bergkamp, who is both a medical doctor and a lawyer, heads Hunton & Williams' European regulatory practice. One of the leading European law firms in the regulatory area, Hunton & Williams' Brussels office has a strong practice in the area of chemicals, including the REACH Regulation, and biosafety. Hunton & Williams advise clients, including SMEs and large multinational corporations, on legislative and policy issues, as well as compliance and enforcement. Prof. Bergkamp frequently speaks and writes on EU regulatory issues relating to chemicals and the REACH Regulation. In 1997, he was appointed Professor of International Environmental Liability Law at the Erasmus University Rotterdam in The Netherlands.

Hans Bruyninckx obtained a PhD in Political Science at the Colorado State University, USA after completing his undergraduate and graduate studies at both K.U.Leuven and UCLouvain. Currently, he is Professor of International Organizations and International Environmental Policy at K.U.Leuven. His research emphasizes the influence of the various globalization processes on the global governance of environmental problems and sustainable development. Particular attention is paid to underlying theoretical and conceptual frameworks. The translation and testing of innovative and critical social theories (such as network and flows perspectives) to multilevel governance arrangements of global environmental and sustainable development issues are at the core of this team's research efforts. His recent research includes specific expertise for the role of China in environmental governance.

Ann Carlson is Professor of Law and the inaugural Faculty Director of the Emmett Center on Climate Change and the Environment at UCLA School of Law. She is also on the faculty of the UCLA Institute of the Environment. Professor Carlson's scholarship in environmental law focuses on climate change law and policy, federalism and the role social norms play in affecting environmentally cooperative behavior. Her recent work involves analyzing unusual models of environmental federalism, with a focus on the unique role California plays in regulating mobile source emissions, including greenhouse gas emissions, under the Clean Air Act. She has also written on the legal and political obstacles utilities will face in cutting greenhouse gas emissions and on the threat of heat waves and climate change. She is a frequent commentator and speaker on environmental issues, particularly on climate change. Professor Carlson's article *Takings on the Ground* was selected in 2003 by the Land Use and Environmental Law Review as one of the top ten environmental articles of the year. She is co-author (with Daniel Farber and Jody Freeman) of *Environmental Law* (7th Ed.). Professor Carlson teaches Property, Environmental Law and Climate Change Law and Policy and was the recipient of the 2006 Rutter Award for Excellence in Teaching. She served as the law school's academic associate dean from 2004-2006. Carlson received her J.D. *magna cum laude* from Harvard Law School in 1989 and her B.A., *magna cum laude*, from the University of California at Santa Barbara in 1982.

Ian Clark studied Geography and Regional Planning at the Universities of Nottingham and Coventry (UK). He joined the European Commission in 1984 and worked for ten years in the Regional Policy Directorate General. In the Environment Directorate General he has worked on the integration of environment policy into transport policy and the environmental aspects of the recent European Union enlargement. Since early 1994 he has been head of the unit "Research, Science & Innovation" in the Environment Directorate General. Among the unit's key tasks are coordination of the implementation of the European Union's Action Plan for Environmental Technology and the integration of EU Environment and Research policies. Between January and May 2008 Ian Clark was a visiting scholar at University of California, Berkeley, Institute of Governmental Studies.

Jos Delbeke is Deputy Director-General of the European Commission's DG Environment since 2008. He was very involved in negotiations on the package on climate change and energy in the EU Council and Parliament. Mr Delbeke has also been a key player in developing Europe's International Climate Change strategy, its legislation on cars and fuels, the European Emissions Trading Scheme, and legislation on air quality and emissions from big industrial installations. He joined the European Commission in 1986 and was very active on market-based instruments, on cost-benefit analysis, and on the new chemicals legislation REACH. For several years now he has been the European Commission's chief negotiator at the UNFCCC Conference of the Parties.

Jorge Núñez Ferrer is an economist working as an independent analyst and consultant, but associated with the Centre for European Policy Studies (CEPS) and three other institutes. He established himself in Brussels as a researcher in 1998 after his studies in the UK (LSE, Wye College and Imperial College). Between the years 2000-2004 he worked as a specialist on EU funds and the enlargement process in the European Commission's Economic and Financial Affairs Directorate General. He has written widely on EU policies and their public finance implications, in particular agricultural and structural policy reforms including climate change aspects.

Ethel Forsberg, Master of Science, is the Director-General of the Swedish Chemicals Agency, KemI, since 2001. Her career includes positions both at the Ministry of Environment (1989-94) and as Director of the Environment and Health Administration of Stockholm (1999-2001) as well as in food industry and retailing (1982-88, 1995-99). With her mixed background she has gained a user perspective on regulation. During her period as DG, she has been directly involved in the development of the new EU legislations in the area of chemical control, such as the Reach and the PPP regulations. Mrs. Forsberg is, besides a member of the board of the European Chemical Agency, also a member of the board of the University of Stockholm and the Swedish Council of Science.

Bart Kerremans is Professor of International Relations and American politics at K.U.Leuven. He conducts research on the external trade policies of the United States and the European Union, and decision-making in this field in general, and on the WTO-related trade relations between the EU and the US in particular.

Andrew Manale has done policy analyses on a wide range of complex environmental policy issues, generally from a systems perspective, for various levels of federal and state government, non-profit organizations, and the private sector. He managed for many years USEPA's cooperative agreement with the University of California at Berkeley conducting economic analyses of pesticide and agriculture related issues. He has worked on federal legislation dealing with agriculture since 1985, including a stint as a legislative fellow on the staff of US Senator Kent Conrad of North Dakota, where he worked on the 1996 farm bill and on reauthorizations of the laws regulating pesticides and drinking water quality. In his professional capacity, he chairs the Science and Policy Committee of the Soil and Water Conservation Society and serves a vice chair of its program committee. A native of California with graduate degrees from the Goldman School of Public Policy at UC Berkeley and of UC San Francisco's Graduate School of Biochemistry, he has worked for the California Air Resources Board, the State Council on Developmental Disabilities, and the Little Hoover Commission (under contract) and has testified on many occasions before the California Legislature on policy issues.

Anne Meuwese holds a PhD in Law from Leiden University. Before joining the Antwerp Law Faculty where she is currently a Marie Curie post-doctoral fellow, Anne worked for two years as research fellow in the Politics Department of the University of Exeter. She is the author of several publications on regulatory issues, notably a monograph 'Impact Assessment in EU Lawmaking' which was published by Kluwer Law International in 2008. Anne has working experience at the Secretariat-General of the European Commission and she has been involved in various research projects and professional training courses on better regulation.

Heike Nitsch studied Geo-Ecology at the University of Bayreuth and since 2003 works as a scientist in the Institute of Rural Studies at the von Thünen-Institute (vTI) in Braunschweig/Germany in various research projects on agri-environment and land use in the EU and related policy instruments. Special interests are cross compliance and biodiversity.

Bernhard Osterburg is an agricultural economist with 12 years of experience at von Thünen-Institute (former FAL) in the field of policy impact analysis, with a focus on agri-environmental policies. He is contributing to the evaluation of agri-environmental measures and cross compliance, and to the development of the German inventory for gas emissions from agriculture. Together with Heike Nitsch, he co-operated in the FP6-EU research project MEACAP. The project addressed the integration of biodiversity protection and climate protection into agricultural policy.

Natalie Pauwels is policy officer in the international affairs directorate of the European Commission's Directorate-General for Environment, where she is responsible for relations with the United States and the G8. Prior to joining the Commission she worked as a researcher both in academia and in the non-profit sector.

Heddy Riss is Program Director for the Center on Institutions and Governance at the Institute of Governmental Studies at UC Berkeley. She has launched numerous programs such as the California –EU Regulatory Cooperation Project, Voteworld (an International Legislative Roll Call Voting Web site), the global Islam Initiative, the Endogenous Institutions and Political Conflict Workshop (2006-2008), the China Summer Institute, and Agri-environmental Politics in the U.S. and EU. Previously, she worked as an adviser to the Vice Premier Minister in the Belgian Government, was responsible for the preparation of the Belgian presidency of the EU and was academic coordinator for the Institute of European Studies at UC Berkeley. She received an M.A. in Economics in 1975 and an M.A. in Public Sector Management in 1989 at the Free University of Brussels.

Astrid Schomaker is the head of unit for chemicals in the European Commission's Directorate General for Environment. She studied English, history and law in Hamburg and Norwich and has an LLM in international legal cooperation from Brussels Free University. Returning to Hamburg she became a fellow in the Department of European Law at Hamburg University and after a brief stint as visiting scholar in the law faculty at the University of Michigan, Ann Arbor, joined the European Commission in 1992, working in the unit for EU and US trade and economic relations. In 1996 she was posted to the EC's Washington Delegation as first secretary for political affairs. Back in Brussels in 1999 she was in charge of regulatory cooperation with Japan, before in 2001 becoming head of unit for relations with the Andean community in DG External Relations. In 2004 she moved to DG Environment to become head of unit for international relations, governance and development. In 2007 she took up to her present position.

Megan R. Schwarzman is a research scientist with the Program in Green Chemistry and Chemicals Policy at the University of California, Berkeley Center for Occupational and Environmental Health (COEH), School of Public Health. Her work focuses on endocrine disrupting substances, reproductive environmental health, U.S. and European chemicals policy, and the implications for human health and the environment of the production, use and disposal of chemicals and products. She earned her medical degree from the University of Massachusetts, completed her specialty training in Family Medicine at the University of California, San Francisco, and earned a master's of public health in environmental health at the University of California, Berkeley. She was a co-author of the 2008 report to Cal/EPA, Green Chemistry: Cornerstone to a Sustainable California and currently serves on the state's Green Ribbon Science Panel. In addition to environmental health research, Dr. Schwarzman is a clinical instructor at University of California, San Francisco and practices medicine part time at San Francisco General Hospital.

Jo Swinnen is Professor in the Department of Development Economics, KULeuven, where he also serves as Director of the LICOS Centre for Institutions and Economic Performance and the Director of the Research Group on Food Policy, Transition & Development. He previously served as Lead Economist with the Europe and Central Asia Region of The World Bank, and as an economic advisor to the European Commission, DG-Economic and Financial Affairs where he advised on EU agricultural policy, Agricultural trade issues, East European reforms and EU enlargement, Balkan reconstruction.

Marc Vanheukelen is the Head of Unit for Relations with the United States and Canada, in the Directorate General for External Relations, of the European Commission. He previously has served as Deputy Head of Cabinet to the Belgian Minister for Foreign Affairs with responsibility for: the European Union (Internal and External Policies, especially International Trade), Western Balkans, Turkey; Head of Unit on Expenditure on Agriculture and Structural Actions in the Directorate General on the Budget; Head of Unit on Economic Analysis and Sustainable Development in the Directorate General on the Environment among many others during his long tenure at the European Commission. He has held teaching posts at the European Public Finance, University of Saarbrücken, Germany; University of Limburg, Belgium, and taught International Economics at ICHEC, Brussels. Mr. Vanheukelen has authored a number of number of book chapters and journal articles, and is the co-author of Research on the Cost of Non-Europe: Basic Findings (with Jacques Pelkmans. 1988 European Communities)

David Vogel is Professor at the Haas School of Business and in the Department of Political Science at UC Berkeley. He has written extensively on business government regulations, trade and environment and comparative regulatory policy. He is currently writing a book on trends in risk regulation in the US and Europe since 1960.

Ingmar von Homeyer is a Senior Fellow at Ecologic, Institute for International and European Environmental Policy, Berlin and Brussels. He studied political science at Free University Berlin and holds a PhD (2002) in Social and Political Sciences from the European University Institute, Florence. His work focuses mainly on EU environmental policy and governance. Recent publications include *Emerging experimentalism in EU environmental governance* (in *Experimentalist Governance in the European Union: Towards a New Architecture?*, Sabel, Charles F. and Zeitlin, Jonathan, Oxford University Press, forthcoming).

Michael P. Wilson, PhD, MPH, is a research scientist at the Center for Occupational and Environmental Health (COEH), School of Public Health, University of California, Berkeley, where he conducts research and practice in environmental health sciences and chemicals policy (UCB Green Chemistry). He received his masters (MPH) and doctoral (PhD) degrees in environmental health sciences from the University of California, Berkeley, in 1998 and 2003. He earned a bachelors degree in biology from the University of California, Santa Cruz, in 1984. Dr. Wilson is the lead author of a 2006 University of California report commissioned by the California Legislature (UC Legislative Report) and co-author of a 2008 report commissioned by California EPA (UC EPA Report) that identify chemicals policy strategies for California. Dr. Wilson serves on the California Green Ribbon Science Panel (AB 1879) and the state's Biomonitoring Program Scientific Guidance Panel (SB 1379). He previously served on the California Green Chemistry Science Advisory Panel.

Jan Wouters is Professor of International Law and Law of International Organizations and Director of the Leuven Centre for Global Governance Studies and the Institute for International Law at K.U.Leuven. He is also President of the United Nations Association Flanders-Belgium and the Flemish Foreign Affairs Council. He studied Law and Philosophy at the University of Antwerp and Yale University (LL.M.), worked as a visiting researcher at Harvard Law School and obtained his PhD at K.U.Leuven in 1996. He is visiting professor at the College of Europe in Bruges and has held teaching positions at the Universities of Antwerp and Maastricht and worked previously as référendaire (law clerk) at the European Court of Justice in Luxembourg. Jan Wouters has published over 350 articles and books on international, European, corporate and financial law, the European Union, the United Nations, the World Trade Organization, global governance, multi-level regulation, peace and security and human rights. A frequent commentator in the audiovisual and written media, Jan Wouters has testified as an expert before the Flemish, Belgian, Dutch and European Parliaments on issues involving globalization, human rights and rule of law, peace and security, the laws of war, terrorism, the European Union, the United Nations and the World Trade Organization. He has acted as a consultant for the European Commission, Benelux, Interpol and the World Bank.