

# February 2018 NEWSLETTER

CENTRE FOR INTERNATIONAL ENVIRONMENTAL STUDIES  
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## Green industrial policies for transformative change

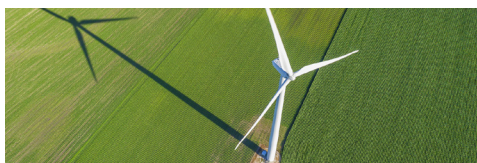
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#### Panel Discussion

**Thursday 22 February 2018, 17:00 - 18:45**

*Auditorium A1B, Maison de la Paix*



The CIES is delighted to partner with the Partnership for Action on Green Economy (PAGE) at the occasion of the launch of three publications on green industrial policy. In light of the urgency to shift the economy to a sustainable pathway, green industrial policies are proposed as a way to accelerate transformative change. During a panel discussion, speakers will discuss the potential of green industrial policy to support an inclusive green economy transition,

drawing on the insights from the three publications developed by PAGE and country-level policy experience. Claudia Assmann, Programme Officer, Economic and Fiscal Policy Unit, UN Environment, will be moderator during this discussion.

Welcome address by Joëlle Noailly and Steven Stone, Chief, Resources and Markets Branch, UN Environment. Speakers: Tilman Altenburg, Head of the Department of Sustainable Economic and Social Development (DIE), co-editor of "Green Industrial Policy: Concept, Policies, Country Experiences", Frank Van Rompaey, Head of UNIDO, Jorge E. Viñuales, Prof. of Law and Environmental Policy, University of Cambridge, lead author of "Green Industrial Policy and Trade: A Toolbox", His Excellency Ambassador Alvaro Cedeño Molinari, Permanent Representative of Costa Rica to the WTO.

## Geneva Dialogue

**Land at the Crossroads.  
An Ecological History of Europe.**  
by Tim Flannery

**CIES Geneva Dialogue**

**Monday 23 April 2017, 18:30 - 20:00**

*Auditorium A1B, Maison de la Paix*



The first distinctively European organisms evolved around 100 million years ago, on the tropical

island archipelago that was destined to become Europe. Some of those first European organisms survive today. For most of its history, Europe has lain at the intersection of Asia, Africa and North America, together comprising around two thirds of the world's landmass. It has played a crucial role in the evolution of many groups, including our own lineage, the hominids. The Europeans arose around 38,000 years ago, when a group of humans from Africa began to hybridise with Neanderthals. The hybrid population had unusual characteristics, and quickly displaced the Neanderthals in Europe. Subsequently, Europe has experienced many waves of human migration, each one of which has

profoundly affected the land and its biodiversity. Today some Europeans are trying to re-establish a wild Europe. But where should they look to for inspiration? Drawing on the new upcoming book of Prof. Tim Flannery, this public lecture will offer some surprising answers to this question. Acclaimed Australian scientist, explorer and conservationist Tim Flannery is at the Graduate Institute as a Fondation Segré Distinguished Visiting Professor within the Centre for International Environmental Studies. Prof. Flannery, who is a Professorial Fellow at the Melbourne Sustainable Society Institute at the University of Melbourne, was previously Chief Commissioner of the Climate Commission.

# CIES Research

## Liliana Andonova on global public-private partnerships

In *Governance Entrepreneurs: International Organizations and the Rise of Global Public-Private Partnerships* (Cambridge University Press), Liliana B. Andonova, Professor of International Relations and Political Science at the Graduate Institute, provides the first study that combines a new theory of interactive cycle of institutional change with a comprehensive quantitative and qualitative analysis to shed light on the variable politics and consequences of public-private partnerships in multilateral institutions such as the UN Secretariat, the World Bank, UNEP, WHO and UNICEF.

Interview by Buğra Güngör, PhD Candidate in International Relations and Political Science.

### Can you share the major findings of your book?

Its main insight is that the multilateral system has changed substantially, especially through its partnerships with non-state actors. Contrary to established theories that look at change in international institutions either as a product of intergovernmental deals or as mission extension and pathologies of international bureaucracies, the book shows that under certain structural pressures, agents within international organisations have formed leadership coalitions with state principals and external actors, to create and subsequently institutionalise new forms of governance, namely public-private partnerships. So, partnerships have transformed in important ways multilateral institutions. What is more, change is partly endogenous to the multilateral system itself. It is hardly the privatisation of global governance.

### Does it have any methodological innovation?

Yes, it has multiple methodological innovations. The literature on global public-private partnerships can

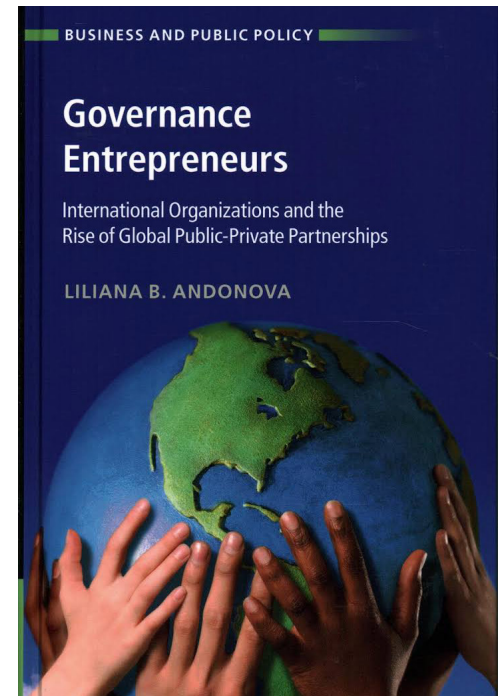
have a kind of mischaracterised shape as a debate between partnership enthusiasts, who argue that such partnerships address a whole set of functional failures of the multilateral system by bringing in new resources and a new kind of expertise, and partnership sceptics, who see in public-private partnerships essentially a way for private and transnational actors to gain more power in the sphere that should be rightly preserved for the public sector. Evidence on that debate has been very limited to major cases or instances of public-private collaborations.

One of the real innovations in this book is that for the first time systematic data are provided across five multilateral institutions on their partnership portfolios, what kind of actors collaborate in those partnerships, what kind of actors lead them, and lastly what kind of actors finance them. To do so, the book uses a new dataset on public-private partnerships that covers the World Bank, UNEP, WHO, UNICEF and the UN Secretariat. Besides, the data is fairly disaggregated to allow us to examine what kinds of instruments, actors and outcomes are related to the partnerships.

By the same token, the book uses mixed methods in the sense that it also relies on extensive interviewing and archival research through which I was able to document the full cycle of institutional change.

### Will you further investigate global public-private partnerships?

This is a very important question, thank you! Some of these partnerships are successful and some not; they also exist in many different structures. For instance, the Global Fund and GAVI have huge partnerships with billions of dollars of funding. Others are relatively small or localised, such as UNDP's small grants programmes, partnerships for clean energy or UNEP's partnerships on chemical safety. Yet they all contribute to major elements of global governance.



Other partnerships, still, may have relatively limited activity on record. To understand the full scope of public-private partnerships, one should consider them not only theoretically, from the point of view of IR theory and institutional change, but also from the policy perspective. Therefore, the first step that I wish to pursue is to make the data available for policymakers and to make the book's insight useful for advancing issues related to the broader sustainable development agenda such as health, children, women, environment, energy, climate and human rights.

The second step is to interrogate the extent to which these partnerships have been effective in facilitating collective action and providing some public goods globally and as well as locally – how they have influenced affected communities. A third step is to look at the effectiveness of public-private partnerships in addressing global challenges.

## Book launch event

Tuesday 6th March 2018, 18:30 - 19:30

Auditorium A2, Maison de la Paix

The CIES is pleased to invite you to the launch of this book by Professor Liliana Andonova. Partnerships have transformed in important ways multilateral institutions. In her new book, Liliana Andonova, Professor of International Relations and Political Science at the Graduate Institute, provides the first study that combines a new theory of interactive cycle of institutional change with a comprehensive quantitative and qualitative analysis of public-private partnerships in multilateral institutions such as the UN Secretariat, the World Bank, UNEP, WHO and UNICEF.

Speakers: Liliana Andonova, Co-Director of CIES and Professor in International Relations/Political Science, Claude Martin, former Director General of WWF International and Chancellor, International University in Geneva, and Gian Luca Burci, Adjunct Professor, Dept of International Law and Global Health Centre.

## CIES new publications

The CIES launched two new publication series:

- the CIES Policy Briefs, which provide an analysis of current policy issues
- the CIES Research Briefs, which summarize research findings for a larger audience.

Both series are coordinated by Professor Marc Hufty, Development Studies, and are available on the CIES website.



# CIES Research

## SNF grant for Professor Swanson and Professor Viarengo, 2018 - 2022

"The Impact of Compulsory School Laws in a Developing Country Context: Examining Impacts and Explanations in Sub-Saharan Africa" is a research project aiming to assess the impact of compulsory schooling laws (CSLs) in a developing country context, with special reference to sub-Saharan Africa (SSA).

The project will focus on the impact of CSLs on household bargaining outcomes, with special reference to issues of fertility, child labor and the allocation of tasks within the household. The first part of the research focuses on how CSLs impact upon the social welfare, especially in regard to the choices made by women. The specific contexts are South Africa, Malawi and Tanzania, where we will be examining data related to how CSLs affect fertility choice, and investments into the education of children. The second part of the research focuses on how CSLs impact upon decision making within the household, and especially the division of labour and the division of tasks between different members of the household, looking at how child labour and women's tasks are affected by CSL. Here we will focus on the contexts of Tanzania, Uganda and other countries.

The project shapes an agenda for future research regarding the role of CSLs in engendering development and behavioural changes, within the context of severely constrained households in SSA. We wish to further the understanding of the capacity of CSLs to have impacts for individuals and societies in this context, and we wish to further understanding of the institutional and development constraints that limit the effectiveness of such laws.

# CIES Staff

## New staff members

**Radu Bârză**, PhD Candidate in Development Economics, will join CIES as of July 1st as Research Assistant. He will be working with Professor Viarengo and Professor Swanson on the Impacts of Compulsory School Laws in Sub-Saharan Africa, a project financed by SNF.

He holds a master degree in International Economics from the Graduate Institute. His research focus is on education and impacts of education on different economic and social outcomes. He worked on education related issues at Samsung Electronics, NORRAG and ILO.

**Laura Nowzohour** is a first-year PhD student in International Economics at the Graduate Institute. She has previously worked at the ECB and the DIW Berlin and holds a Master's Degree in International Trade, Finance and Development from Barcelona Graduate School of Economics.

She joined the CIES in January 2018 and will be working over the next four years on a project about financing investments in clean technologies with Joëlle Noailly, Gaëtan de Rassenfosse (EPFL) and Matthias van den Heuvel (EPFL), financed by the SNF as part of the NRP 73 on "Sustainable Economy".

**Dario Piselli** will join the CIES in April 2018 as Research Assistant. He is a 2nd year PhD Candidate in International Law at the Graduate Institute, studying the incorporation of the ecosystem approach in international legal regimes as a way to address global environmental change.

Within the CIES, he will be working on the SNIS project "Effectiveness of Partnerships for Advancing the Sustainable Development Goals: Behavioral

Pathways and Impacts" together with Professor Andonova.

Currently, Dario is a Research Officer with the Global Health Centre of the Graduate Institute and his research interests include international environmental law, global health, ocean governance, land use change and social-ecological resilience.

## Suchita Srinivasan appointed at ETH Zurich.



Suchita defended her thesis 'Barriers to the Global Diffusion of Clean Technologies and the Impact of Policies' in September 2017.

Since January 2018, she is working as a

Post-Doctoral Research Fellow at the Chair for Energy and Public Economics (in the Department for Management, Technology, at Economics) at ETH Zurich under the guidance of Professor Massimo Filippini.

Her work is nested in the fields of energy economics and development economics: specifically, her research involves evaluating the impact of energy literacy and financial literacy on clean technology adoption in rural areas of developing countries, studying the effect of information provision on choice of mode of transport by households in urban areas of developing countries, and studying the effect of changing religious beliefs and religious participation by households on climate change.

# Letter from alumni

**Giulia Valacchi**, Research Fellow, WIPO, Geneva.



In February 2017 I joined the World Intellectual Property Organization (WIPO) as a research fellow. I was in the final year of my PhD, and I managed to combine work and PhD research.

The experience at CIES was crucial for me to get the fellowship as I started working with IP statistics, particularly patent data, during my research assistantship at CIES.

CIES environment is very stimulating: I co-authored papers with other colleagues working in the research center. This helped me relating with a more integrated working environment, like the one at WIPO, where I am required to interplay on a daily

basis with colleagues from my own or even different divisions.

At WIPO I am currently co-managing a study on innovation in the mining sector. In addition, I am working on finalizing and publishing some of the articles from my PhD thesis. My specialization in environmental issues remains important for my current work as environmental topics are becoming more and more up front in the policy agenda of the UN.

I do miss the university environment, particularly the many academic conferences that I got to attend during my PhD years. Luckily also WIPO economic division encourages us to take part in international conferences and present our research outside.

# CIES events

## CIES Public events

- **Thursday, February 22nd, from 17.00 to 18.45**, “Green industrial policies for transformative change”, with UN Environment.
- **Tuesday, March 6th, from 18:30 to 19:30**, “Governance Entrepreneurs: International Organizations and the Rise of Global Public-Private Partnerships”, book launch by Professor Liliana Andonova, Graduate Institute
- **Monday, April 23rd, from 18.30 to 20.00**, “Land at the Crossroads. An Ecological History of Europe.”, Tim Flannery.

## Resource and development economics seminars series

- **Thursday 1st March 2018, 16:15 - 17:30**, «Supply-side labeling of consumer durables: (In-)accuracies in EU energy efficiency labels», Prof. Timo Goeschl, Chair of Environmental Economics, Alfred-Weber-Institut für Economics, Heidelberg University
- **Thursday 8th March 2018, 16:15 - 17:30**, «Heterogeneity, Measurement Error, and Misallocation: Evidence from African Agriculture», Douglas Gollin, Professor of Development Economics, University of Oxford.
- **Thursday 24th May 2017, 16:15 - 17:30**, «So fresh and so clean: urban community engagement to improve the sustainability of drainage infrastructure», Carol Newman, Associate Professor at the Department of Economics, Trinity College Dublin.

# CIES latest publications

## CIES Research papers

- “Can there be benefits from competing legal regimes? The impact of legal pluralism in post-conflict Sierra Leone”, Naso P., Bulte E., Swanson T., CIES research paper n°56
- “Do firms innovate if they can relocate? Evidence from the steel industry”, Cohen F., Valacchi G., CIES research paper n°55.
- “How Does Environmental Regulation Shape Economic Development? A Tax Competition Model of China”, Naso P., Swanson T., CIES research paper n°54.
- “The Porter Hypothesis Goes to China: Spatial Development, Environmental Regulation and Productivity”, Naso P., Huang Y., Swanson T., CIES research paper n°53.
- “Driven up the wall? Role of environmental regulation in innovation along the automotive global value chain”, Srinivasan S., CIES research paper n°52.

## CIES Research briefs

- “The Impact of Energy Prices on Product Innovation: Evidence from the UK Refrigerator Market”, Cohen F., Glachant M., Söderberg M., 2017, CIES research brief n°1.
- “Taking stock of International Law Responses to Resource Wars”, Kulamadayil L., 2018, CIES research brief n°2.

## Lunch seminars series - a forum for interdisciplinary research on the environment

- **Thursday 8 March 2018, 12:15 - 13:30**, ‘Nothing patent’: Legal activism around intellectual property and biotech seeds in Brazil and India, Karine Peschard, Postdoctoral Research Fellow, Albert Hirschman Centre on Democracy, Graduate Institute.
- **Thursday 22 March 2018, 12:15 - 13:30**, «Variety of private sustainability standards: A club theory approach», Ellen Holmaat, PhD Candidate in PS/IR, Graduate Institute.
- **Thursday 12 April 2018, 12:15 - 13:30**, «The power of location for environmental monitoring and decision making», Steven Ramage, Head of External Relations, Group on Earth Observations (GEO).
- **Thursday 26 April 2018, 12:15 - 13:30**, «Beyond consumerism: Examining how policy framing affects citizens’ willingness to reduce meat consumption and car use in China, Germany, and the US», Lukas Fesenfeld, PhD Candidate in International Political Economy, ETH Zurich
- **Thursday 17 May 2018, 12:15 - 13:30**, «Macroalgae as a carbon sequestration tool», Tim Flannery, Segré Foundation Distinguished Visiting Professor
- **Thursday 24 May 2018, 12:15 - 13:30**, «Paper truths, lands and claims: Rethinking restitution in Adivasi life, India», Meenakshi Nair Ambujam, PhD candidate in ANSO, Graduate Institute.
- **Thursday 31st May 2018, 12:15 - 13:30**, «Bargaining over family size in Tanzania: Has compulsory primary education changed anything?», Roxana Manea, PhD candidate in International Economics, Graduate Institute

## Books and articles

- “The Impact of Energy Prices on Product Innovation: Evidence from the UK Refrigerator Market”, F. Cohen, M. Glachant, M. Söderberg, *Energy Economics*, October 2017, Volume 68, Supplement 1, pp 81-88.
- “Innovation, Diffusion, Growth and the Environment: Taking Stock and Charting New Directions”, M. Sarr, J. Noailly, *Environmental and Resource Economics*, March 2017, Volume 66, Issue 3, pp 393–407.
- “Will Technological Change Save the World? The Rebound Effect in International Transfers of Technology”, M. Sarr, T. Swanson, *Environmental and Resource Economics*, March 2017, Volume 66, Issue 3, pp 577–604
- “National Policy and Transnational Governance of Climate Change: Substitutes or Complements?”, Andonova, Liliana B., Thomas H. Hale and Charles Roger, *International Studies Quarterly*, 2017
- “Knowledge spillovers from renewable energy technologies: Lessons from patent citations”, J. Noailly, V. Shestalova, *Environmental Innovation and Societal Transitions*, March 2017, Volume 22, pp 1-14
- “The Comparative Politics of Transnational Climate Governance”, Roger C., Hale T., Andonova L., *International Interactions*, January 2017, volume 43, issue. 1, pp 1-25.

## CIES Policy briefs

- “How Trump’s climate agenda threatens clean innovation”, Noailly J., CIES policy brief n°1.