

THE  
GRADUATE  
INSTITUTE  
GENEVA

CENTRE FOR  
INTERNATIONAL  
ENVIRONMENTAL  
STUDIES



# CIES Annual Report 2019



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# 1. Summary overview of major accomplishments and developments



In 2019 global CO<sub>2</sub> emissions rose to another record high, wildfires swept the Amazon rainforest at dramatic speed and new scientific evidence estimated that one million species face extinction. The year 2019 was also a key year for climate politics as Greta Thunberg led millions of youth activists to the streets, while in December the UN Climate Change conference in Madrid ended without a consensus. The Centre for International Environmental Studies (CIES) at the Graduate Institute is committed to advance research to address such prominent challenges such as climate change, food security, deforestation, biodiversity loss within an interdisciplinary social sciences perspective. This goal is achieved by creating a platform for researchers to conduct interdisciplinary research on the environment, by providing training to Master and PhD students in specialised areas of research and by disseminating research results through outreach activities targeted to academic experts and policymakers.

## Expanding Research Areas

The global challenges we face evolve rapidly and two years ago, the CIES created a new research program on “Agrarian Environment and Food System”, expanding thereby its research portfolio towards exploring the connections between agriculture, land change, biodiversity and food systems. Several CIES activities examined these questions in 2019. First, the public event on “The Future of Food Security” co-organized with the support of the MAVA Foundation last November featured our experts Professor Tim Swanson (International Economics) and Professor Susanna Hecht (International History) together with Sir Charles Godfray from the Oxford Martin School and other panellists from the FAO, Nestlé and Quaker United Nations Office. The debate provided high-level insights on how to feed a world of 11-12 billion people, with solutions ranging from agroforestry, bioengineering, reducing meat consumption and the key role of institutions such as the CIGR. The discussion attracted more than 200 people, including coverage in various media.

Second, in April 2019, the academic workshop “The Future of Food” led by Professors Susanna Hecht and Amalia Ribi Forclaz brought together prominent scholars to exchange ideas on food systems and supply chains in the age of climate change. The event gathered climate scientists, historians, anthropologists, international lawyers and economists to explore past, present and future agrarian transitions against a backdrop of climate change. The workshop aimed to initiate interdisciplinary research projects and to highlight the need for closer cooperation between disciplines on these issues.

Also in April 2019, Professor Andonova received in 2019 two prestigious prizes from the International Studies Associations for her book *Governance Entrepreneurs. International Organizations and the Rise of Global Public-Private Partnerships* (Cambridge University Press), namely: the Chadwick F. Alger Prize for Best Book on International Organizations; and the Harold and Margaret Sprout Award for Best Book in Environmental Studies.

Finally, the year 2019 marked also the launch of Anne Saab’s (Assistant Professor in International Law) book on “Narratives of Hunger in International Law”. The book launch event in October 2019 led to fruitful discussions on how international law can provide critical thinking on the various narratives around food and climate change.

The Centre’s existing research programme on Environmental Governance, meanwhile, also enlarged its work in 2019. Professor Andonova’s SNIS project on the “Effectiveness of Partnerships for Advancing the SDGs” made important progress and the research team discussed the results during the 2nd Academic Partners meeting held in Florence last October. A proposal for an edited volume is planned for 2020. In addition, a new research project led by Professor Andonova on “Accountability of International Organizations” started in September 2019 (research grant of CHF 852’453 funded by the SNF). This project will study the scope of accountability of international organizations (IO) through specific case studies and thereby contribute to public policies and potential IO reforms. Another highlight of our Environmental Governance programme



was the new research grant awarded in 2019 to James Hollway, Associate Professor in IR/Political Science, on “Power and Networks and the Rate of Changes in Institutional Complexes” (CHF 736'450, funded by SNF) which will investigate the determinants of institutional change. We are particularly pleased to see the new generation of faculty initiating and engaging in CIES research projects.

## **Expertise and social relevance**

Aligning our expertise with the policy community, our CIES faculty members contributed to many societal debates in 2019. Professor Hecht issued many warnings – in public events and in writing (e.g. CIES Policy Brief 4) – regarding the dramatic deforestation following the Amazon fires and the destructive economic model supported by President Bolsonaro. Last May, Professor Hecht received the Right Livelihood Award, widely known as the ‘Alternative Nobel Prize’, on behalf of Greta Thunberg. Professor Marc Hufty shared his perspective in the local media on the protests spreading through Bolivia, Chile and Venezuela during 2019, which also affected field work of some of our students located in Bolivia for the project “The Global Political Ecology of Lithium” led by Professor Hufty. In December, Professor Tim Flannery offered his insights during a lunch briefing on the Climate Crisis in the midst of youth protests and stalled climate change negotiations in Madrid. Finally, Dr Joëlle Noailly’s participated into several knowledge transfer events as part of a her research project on financing cleantech investments, which is part of a National Research Program aiming to provide practical solutions for developing the cleantech sector in Switzerland and at the international level.

## **Spreading the Word: Enhancing Dissemination**

Our mission is to disseminate results and to engage with the relevant international community of actors in Geneva. As a result, in 2019 we revisited our CIES communication strategy to increase our visibility, meet the European General Data Protection Regulation (GDPR) requirements and to align with the new format of the Graduate Institute website. Thanks to the Communication Department and contribution from our faculty members, we produced a new video introducing the centre and its mission. We also launched new CIES pages on LinkedIn and Facebook social media platforms to actively engage with our alumni, professional network and the community of Graduate Institute students. Since September 2019, more than 60 Facebook posts - announcing events, summarizing workshops, presenting research results and interviews with our faculty and students - were published. In terms of added value, we witnessed increased attendance at our public events and interdisciplinary seminars due to our presence on social media. Regarding resources, we hired a part-time Communication Assistant to help us increase our visibility and dissemination activities. This will help to further reach out to broader audiences in the future.

## **CIES and the teaching at the Graduate Institute**

CIES faculty have contributed through their teaching to the creation of a strong interdisciplinary track on Environment Resources and Sustainability, as part of the Master in International Affairs, and a Masters in International Development. The interdisciplinary Masters Programmes are currently headed by CIES faculty Prof. Liliana Andonova and the Environment Resources and Sustainability Track is overseen by Prof. Susanna Hecht. Courses by CIES faculty include:

- Political Ecology (Marc Hufty)
- Social Movements and the Environment (Marc Hufty)
- Biodiversité : entre science et politique (Marc Hufty)
- Agrarian Transformation and Mobilization: Land, Labour, and Technology (Amalia Ribi-Forlcaz)
- Governance of Environment and Sustainability (Liliana Andonova)
- Global Environmental Governance (Liliana Andonova and Katja Doose)
- Global Food Systems from a Legal Perspective (Anne Saab)
- Climate Change and International Law (Anne Saab)
- International Environmental Institutions (James Hollway)
- Agrarian Worlds: Practice, Power, Place (Shaila Seshia Galvin)
- Environmental Economics and Policy (Joëlle Noailly)
- Topics in Resource and Development Economics (Joëlle Noailly and Tim Swanson)
- Conservation and Sustainable Development (Tim Swanson, Marc Hufty and Susanna Hecht)
- Climates and History: What the Past Can Tell us about the Present and the Future (Susanna Hecht)
- Development and the Tropics (Susanna Hecht)
- Développement, pauvreté et inégalité en Asie du Sud-est (Christophe Gironde)

## 2. Staffing of the Centre



Image 1: From Left to right: Shaila Seshia Galvin, James Hollway, Joëlle Noailly, Susanna Hecht, Liliana Andonova, Christophe Gironde, Amalia Ribi Forclaz, Anne Saab, Tim Swanson, Andhina Kusumawidjaja. Absent: Marc Hufty

The Centre is led by an interdisciplinary Executive Committee of the full professors at the Institute appointed in the area of environment, including Timothy Swanson (Economics, co-Director of CIES), Liliana Andonova (IR/ Political Science, co-Director of CIES), Susanna Hecht (International History) and Marc Hufty (Development Studies). This Executive Committee operates together with other associated faculty members from various departments, namely: Anne Saab (International Law), Shaila Seshia Galvin (ANSO), James Hollway (IR/Political Science), Amalia Ribi-Forclaz (International History) and Christophe Gironde (Development Studies) and Joëlle Noailly (Economics, Head of Research of CIES).

Dr Joëlle Noailly also holds the function of Head of Research of CIES, overseeing the research programmes and projects of the Centre. As of January 2020, she will start a new position as Associate Professor in environmental economics at the Vrije Universiteit Amsterdam (VU) on a part-time basis and thereby reduce her activities within the CIES. Andhina Kusumawidjaja is the Senior Coordinator and works on the day-to-day management of the Centre.

In 2019, the Centre was composed of 1 post-doctoral and 15 research Assistants (RAs), among which 12 is paid on third party and 1 temporary RA paid on core funding:

- **Morgan Scoville Simonds**, (post-doctoral-researcher, Development Studies):
- **Radu Barza**, PhD Candidate (International Economics)
- **Laura Nowzohour**, PhD Candidate (International Economics)
- **Roxana Manea**, PhD Candidate (International Economics)
- **Jamie Fraser**, PhD Candidate (International Economics)
- **Dario Piselli**, PhD Candidate (International Law)
- **Jonas Köppel**, PhD Candidate (ANSO)
- **Nicholas Brown Tyack**, PhD Candidate (International Economics)
- **Matthias van den Heuvel**, PhD Candidate (EPFL), Visiting Researcher Assistant, EPFL
- **Pedro Cayul**, PhD Candidate (Development Economics)
- **Helena Ting**, PhD Candidate (Development Economics)
- **Simon Montfort**, Research assistant
- **Céline Kahn**, Master's student (Interdisciplinary Programs), Communication assistant
- **Eva Bortolotti**, Master's student (Interdisciplinary Programs), Research Assistant
- **Till Fust**, Master's student (International Economics), Research Assistant

Two students involved in CIES projects and/or supervised by CIES faculty have submitted their PhD thesis in 2019:

- **Ferreira e Silva, Carolina.** Institutional innovation in multilevel governance: forest institutions in light of climate change. Geneva, Graduate Institute of International and Development Studies, 30 April 2019 (PhD Thesis, IR/ Political Science). Supervisor: Liliana Andonova
- **Naso, Pedro,** "Impacts of Legal and Regulatory Institutions on Economic Development". Geneva, Graduate Institute of International and Development Studies, defended his thesis on September 27, 2019 (PhD Thesis, International Economics). Supervisor: Tim Swanson

The Centre was honoured to welcome Professor Tim Flannery for his third visit, as the Segré Foundation Distinguished Visiting Professor in the autumn semester 2019. Tim Flannery participated actively in the activities of the Centre. He engaged with the students during his MINT course on "Climate, Clean Energy and Carbon negative technologies" and during interdisciplinary seminars. He also contributed to reinforce the links with the International Geneva community by participating in the lunch briefing "Climate Crisis: A new decade of consequences". The CIES also welcomed Prof Salvatore di Falco (UniGE) as visiting professor in the autumn semester.

Four visiting fellows and researchers joined the Centre this year:

- **Philipp Grosskurth,** (Economics), Researcher at RWI - Leibniz Institute for Economic Research
- **Eva Romée van der Marel** (Environmental Law), Research Fellow at the K.G. Jebsen Centre for the Law of the Sea, The Arctic University of Norway and Fisheries Department at the European Commission
- **Katja Doose,** (Environmental History), Research Fellow at School of Geography, Earth and Environmental Sciences, University of Birmingham, UK
- **Cécilia Morin,** Junior visiting researcher, Dartmouth College, New Hampshire, USA

Finally, the Centre has been selected, through its faculty member, Shaila Seshia Galvin (ANSO), and in coordination with McGill University, to integrate the Social Sciences and Humanities Research Council (SSHRC) Partnership Grant for 7 years (2018-2025). The partnership consists in welcoming over the 7 years at the Centre two partnership affiliated visiting researchers per year. This project will diversify even more the visiting fellows' profiles at the CIES.

## 3. (and 4.) Active, ongoing research projects

The CIES is structured around the following research programmes:

- Environmental Governance
- Climate, Energy and Innovation
- Resources and Development
- Agrarian Environment and Food Systems

These programmes gathered a total of 8 externally funded projects in 2019. Funding for these projects came from diverse sources, including Swiss public research funding organizations (SNF and SNIS), and private foundations. A new project started in 2019, "Accountability of International Organizations" (Liliana Andonova). One project ended this year "Environmental regulation and economic competitiveness: Employment, firms' location and technology adoption" (Timothy Swanson). A new research grant of CHF 736'651 was successfully awarded by the Swiss Science Foundation on "PANARCHIC: Power and Networks and the Rate of Change in Institutional Complexes" to Prof. James Hollway (IR/Political Science). This project will start in 2020.

## 3.1. Environmental Governance Research Programme



This research programme studies the governance institutions of global environmental problems, including the negotiation and effectiveness of international environmental regimes and the emergence of private and hybrid systems of global environmental governance. The programme adopts an interdisciplinary perspective on the design, dynamics and impact of different institutional mechanisms.

### Effectiveness of partnerships for advancing the sustainable development goals: behavioural pathways and impacts (Led by Prof. Andonova)

Partnerships between public and non-state actors for the provision of collective goods have become important instruments for addressing core issues on the sustainable development agenda such as health, education, humanitarian issues, or clean energy. The UN Sustainable Development Goals (SDGs) emphasize the role of partnerships in the implementation of sustainability. Yet, while the academic literature provides valuable insights on the rise of public-private partnerships (PPPs), we know considerably less about their variable effectiveness and impact.



The project contributes to scientific and practical progress by providing the first to our knowledge inter-disciplinary, integrated and comparative theoretical approach and data

on the effectiveness of partnerships for sustainability. The methodology leverages original datasets and cases of partnerships by project participants, e.g. data and cases on partnerships in the multilateral system; data on PPPs which competed for the Roy Family Award managed by the Kennedy School of Government; data and cases from the business sector in collaboration with the UNIGE PPP Research Centre; data of partnerships for climate change, and data and cases from partner organizations – UNICEF and the WEF.

- **LILIANA ANDONOVA**, Professor, Graduate Institute (main applicant),
- **GILLES CARBONNIER**, Professor, Graduate Institute (co-applicant),
- **JAMIE FRASER**, PhD Candidate in International Economics, Research Assistant
- **DARIO PISELLI**, PhD Candidate in International Law, Research Assistant
- Financed by SNIS, Doc.CH, CHF 262,273 – Start: November 2017, End: June 2020 – Competitive Process

### Accountability of International Organizations (Led by Prof. Andonova)

This project will seek to develop a broadly generalizable theory that places a spotlight on explaining the variable accountability of international organisations (IOs), and how institutional design and political action affect the scope of international accountability. The theoretical framework will more specifically ask what features of international politics are likely to enable a greater number of accountability mechanisms to the broadest set of relevant accountability-holders. The theory will inform a comparative empirical analysis on



the accountability of five IOs (ICRC, UNICEF, the World Bank, the IMF, and the WHO), selected according to the expected variation in their institutional structure and other explanatory variables. The scope of accountability of IOs will be measured, using innovative layering of methodologies from multiple social science disciplines, including analysis of historical archives and legal instruments, and inter-temporal and comparative analysis on who are the formal and informal accountability holders, and through what accountability mechanisms they access information, demand justification, or impose consequences.

The project aims to make substantial contributions to International Relations theories, the study and teaching of international institutions, and, importantly, to public policies and IO reforms.



- **LILIANA ANDONOVA**, Professor in IR/Political Science, Graduate Institute (main applicant)
- **AGNESE ZUCCA**, EPFL, PhD Candidate in IR/Political Science
- **SIMON MONFORT**, Research Assistant
- **CECILIA MORIN**, Junior Researcher
- Funding: SNF, CHF 862'453 – Start: September 2019; End: August 2023, Competitive process

## 3.2. Climate, Energy and Innovation Research Programme



This programme brings together the various disciplines of the Centre to conduct research on issues of climate change, energy and technological developments.

### Environmental regulation and economic competitiveness (Led by Prof. Tim Swanson)

During the UN conference on climate change held in Durban in 2011, the European Union and some other developed



countries, including Switzerland, have pledged to reduce their greenhouse gas emissions between 20% and 30% below the level of 1990. The economic cost linked to emission reductions could penalise countries planning a strong reduction and thus cause a rebalancing of interna-

tional economic competitiveness. These economic impacts present a major obstacle to achieving a global agreement on climate.

Through this project, we aim to better understand the impact of environmental policies on economic competitiveness. One of the case studies looking at the USA focuses on the adoption of new technologies in the policy of tradable emissions quotas limiting SO<sub>2</sub> emissions. The results of this project will provide new empirical perspectives on the economic implications of environmental policies, and they will allow us to make recommendations for effective public policies both at the environmental and the economic levels.

- **TIMOTHY SWANSON**, Professor in International Economics, Graduate Institute (co-applicant)
- **RICHARD BALDWIN**, Professor in International Economics, Graduate Institute (co-applicant)
- **SUCHITA SRINIVASAN**, PhD candidate, International Economics, Research Assistant
- **KRIKA SAXENA**, PhD candidate, International Economics, Research Assistant
- **PEDRO GUIMARAES NASO**, PhD candidate, International Economics, Research Assistant
- Financed by SNF, CHF 395,619 – Start: July 2015, End: June 2019 – Competitive process

### Financing investment in clean technologies (Led by Dr. Joëlle Noailly)

The overarching objective of this project is to investigate how society can steer financing towards cleantech investments. Greater understanding about the financing of cleantech is critical not only in light of the massive amount of investment needed but also because cleantech differs from other technologies on two important aspects. First, clean technologies are largely dependent on public support as they suffer from a double externality:

an environmental externality, which relates to the fact that firms do not bear the full costs of pollution, and a knowledge externality, which stems from the public good nature of knowledge. As a result, policy uncertainty, i.e. frequent changes in environmental and climate regulations, is particularly harmful to cleantech investments. Second cleantech investors differ from traditional investors in other technologies: they are of more dispersed, diverse and small-scale nature than traditional investors and may be driven by different (e.g., altruistic) motives. Much of the dynamism in the sector appears to be driven by new types of investors,.



crowd funding) can help attracting new investors into cleantech.

rather than the traditional ones (e.g. incumbent energy firms). The research project is structured around two main goals. The first goal is to understand how uncertainty about the policy environment impacts cleantech investment. The second goal is to understand how new tools and financing models (e.g.,

- **JOËLLE NOAILLY**, Lecturer in International Economics, Graduate Institute (co-applicant)
- **GAËTAN DE RASSEFOSSE**, Professor Economics Innovation, EPFL (co-applicant)
- **LAURA NOWZOHOUR**, PhD candidate, International Economics, Research Assistant
- **MATTHIAS VAN DEN HEUVEL**, PhD candidate, Economics of Innovation, EPFL
- Funded by the SNF, NRP 73, CHF 714'719 – Start: January 2018; End: December 2021, Competitive process

### 3.3. Agrarian Environment and Food Systems Research Programme



Connections among agriculture, environment, and food systems have many facets. The environmental impacts of agriculture and associated land use change span multiple scales, from local biodiversity to the earth's atmospheric systems. This research programme brings together disciplinary perspectives from law, anthropology, political science and international relations, economics, and history, to address critical questions at the interface of agricultural production, food systems, and environmental change.

**Future of Food** (Led by Prof. Susanna Hecht and Amalia Ribì-Forclaz)

Many researchers and policy analysts are currently looking to climate historians for answers on how societies and agricultural populations respond to major traumatic events (war, climate shocks, and agrarian transformations). Climate historians are “running the models backwards” as well as forward to assess what large scale and rapid climate change might entail both in terms of disasters as well as robust institutional responses. The recent information on emissions, coupled to the IPCC assessment, the UNEP Climate assessment and the US assessment all foretell of dire changes for which most societies are unprepared. This workshop, highly multidisciplinary in nature, brought together climate scientists, contemporary analysts of farming systems and vulnerabilities, as well as scholars studying the environmental trade off, structural transformations, exposures and fragilities of socio natures under climate change. There were elements that already exist that we reviewed in terms of strategies, and history has things to tell us about what has worked

and what has not. We viewed this workshop as one step for developing new ways of thinking about, adapting to and understanding the varying outcomes of food production in the uncharted realms that we now confront.

The purpose of this conference was to explore the powerful agrarian transitions that are under way in rural landscapes under the new climate regime. In recent years, an acceleration of extreme climate events, high variability in weather patterns, periodic droughts and “deluge” rainfall, as well as shifts in diurnal patterns, changes in pathogens, and loss of pollinators have put considerable pressure on farming in general. Large-scale cultivators of monocrops are facing significant challenges because of the limited resilience of such systems, whereas for small farmers the impacts of rapid and uncertain climate change are particularly severe because of volatile price dynamics, ecological contexts, and more general vulnerabilities. This workshop brought together scholars from multiple disciplines ranging from history to agro-ecology to explore these issues through the organizing axis of the Future of Food.

- **SUSANNA HECHT**, Professor in International History, Graduate Institute (co-applicant)
- **AMALIA RIBI FORCLAZ**, Professor in International History, Graduate Institute (co-applicant)
- Funded by SNF, CHF 11'000— Start: 9 April 2019; End: 10 April 2019, Competitive process

### 3.4. Resources and Development Research Programme



Developing countries are crucial to the resolution of global problems, especially their choices regarding development. This programme considers how environmental and resource challenges, such as land use or biodiversity loss, affect development paths of developing countries.

#### A Sustainable Human Niche? Managing Global Land Use (Led by Prof. Tim Swanson)

This project analyses the sustainability of the continued expansion of the human niche due to the continued conversion of lands to food production. Global land use determines several outcomes jointly: aggregate food production;



feasible human population; stability of the food production system; and availability of genetic resources. Together these outcomes determine the sustainability of the entire food production system, and consequently

the capacity for the human niche to be supported. This project enables the examination of various pathways for land use – and demonstrates the joint outcomes along each pathway that result (food production, population, stability, genetic resources availability). In this way the issue of global land use is assessed within a framework very similar to that applied elsewhere by Stern (2006) in the analysis of climate change and growth pathways. We also simulate how aggregate outcomes vary across different assumptions concerning discounting, hazard rates, and technological change. In this way it is possible to examine the sustainability of various alternative global land use pathways – given the impact of land use on growth, systemic stability and resultant human welfare.

- **TIMOTHY SWANSON**, Professor in International Economics, Graduate Institute
- **ROXANA MANEA**, PhD Candidate, International Economics, Research Assistant
- **HELENA TING**, PhD Candidate, International Economics, Research Assistant
- **NICHOLAS TYACK BROWN**, PhD Candidate, International Economics, Research Assistant
- Funded by the MAVA Foundation, CHF 1 Million – Start: September 2012, End: December 2019 (extended to August 2022)



## The global political ecology of lithium commodity chain

(Led by Prof. Marc Hufty)

Due to their ability to store large amounts of energy in lightweight compact form, lithium-based technologies are now at the cutting-edge of research and development in energy storage. Reflecting this interest, the global demand for lithium is expected to multiply tenfold by 2050 and its price



is increasing rapidly. Lithium has become one of the planet's most strategic commodities. The aim of this project is to take stock of the lithium commodity chain from a political ecology and governance perspectives. Can

lithium, as a symbolic commodity for the green economy, be produced and consumed in a socially equitable and environmentally sustainable way? What are the implications of present and future market configurations for the metal? And what are the obstacles for a sound governance regime of this natural resource?

- **MARC HUFTY**, Professor in Development Studies, Graduate Institute (main applicant)
- **MORGAN SCOVILLE-SIMMONDS**, Postdoctoral Researcher, Development Studies
- **Jonas Köppel**, PhD Candidate, ANSO, Research Assistant
- Funded by SNF, CHF 569'322, Start: June 2017, End: May 2021, Competitive Process

## The Impact of Compulsory School Laws in a Developing Country Context: Examining Impacts and Explanations in Sub-Saharan Africa (Led by Prof. Tim Swanson)

This research aims to assess the impact of compulsory schooling laws (CSLs) in a developing country context, with special reference to sub-Saharan Africa (SSA).



The project focuses on the impact of CSLs on household bargaining outcomes, with special reference to issues of fertility, child labour and the allocation of tasks within the household. The project shapes an agenda for future research regarding the role of CSLs

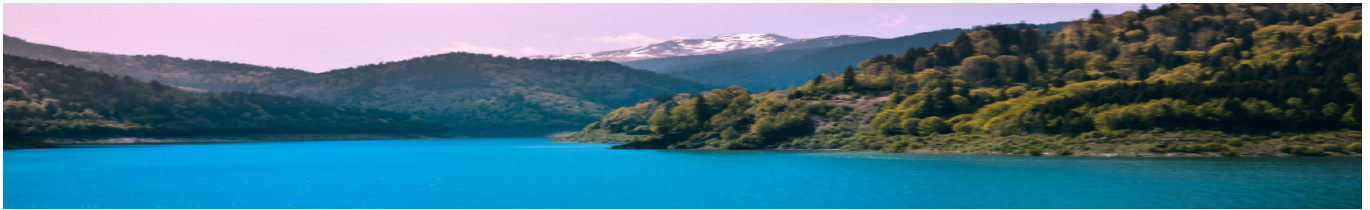
in engendering development and behavioural changes, within the context of severely constrained households in SSA. The aim is to further the understanding of the capacity of CSLs to have impacts for individuals and societies in this context, and to further understanding of the institutional and development constraints that limit the effectiveness of such laws.

- **TIM SWANSON**, Professor in International Economics, Graduate Institute (main applicant)
- **MARTINA VIARENGO**, Professor in International Economics, Graduate Institute (co-applicant)
- **ROXANA MANEA**, PhD candidate, international economics, Research Assistant
- Funded by the SNF, CHF 487'661. Start: July 2018, End: 2022, competitive process



## 5. Proposals submitted in 2019

Along the year 2019, CIES researchers submitted 8 proposals to external funders among which 1 was accepted 3 were declined, and 4 are currently under review.



### PANARCHIC: Power and Networks and the Rate of Change in Institutional Complexes

Institutional complexes change through states' interdependent decisions to join, reform, or create



international institutions. Rendering these decisions in the form of a network enables the leveraging of network theory and network methods. Network and power analysis can both help us understand how the rate of

change in these dependent variables may differ across the institutional complex, rendered as a network. Network analysis makes more precise institutionalist suggestions that denser, overlapping institutional complexes might slow down institutional changes. Power analysis reminds both institutional and network analysis that powerful actors can act or force others to act where others cannot. Combining these literatures promises to provide a more nuanced theory of the rate of institutional change.

The project plans to study the effects of network and power on how quickly states join, reform, or create international institutions by examining the historical dynamics of three institutional networks from different domains-military alliances (security), trade (economics), and fisheries agreements (environment). A three-part research design allows the development and testing of a theory of the rate of institutional change by 1) identifying network and power mechanisms that generalise across domains, 2) recognising how context conditions their influence, and 3) understanding how institutional complexes coevolve. The main methodology utilised is a dynamic actor-oriented network event model to estimate the effects network and power have on the timing and choices of institutional changes. Three extensions to this model to be developed during this project will further social and political network research. Text analytic methods will also be used to quantify change in institutional design and to follow up qualitatively cases identified by the models as representative or outliers.

- **JAMES HOLLWAY**, Pof. IHEID
- Funder: SNF
- Budget: 736'651 CHF
- Competitive Process
- Status: Accepted

### Towards an Ethnography of Lithium

Since the turn of this century, lithium is becoming an essential part of modern everyday life. This is because of increasing scientific evidence that it matters for human health, and because of proliferating lithium-ion batteries that power everything from mobile phones to electric cars. In light of such fundamental changes this research asks: Why does lithium increasingly matter at this juncture, how and with what consequences where and for whom? It seeks answers by studying scientists in the field of biomedical lithium research and the Bolivian lithium industrialization project, examining how they think and make relations between humans and lithium. It thus complicates the imaginary of a simple universal element by studying how lithium is produced by situated scientific practices in specific places. Methodologically, it is based on interviews and participant observation in two lab sites in Bolivia and Europe, complemented by archival research. Conceptually,

it advances anthropological thinking on changing human-nature relations and how these are mediated by science and technology. Overall, it offers an innovative approach to integrating the anthropological study of biology and technology through material connections as they are thought and made in scientific practice and beyond.

- **Jonas Koppel**, PhD candidate in ANSO, Graduate Institute,
- Funder: The Wenner Gren Foundation
- Budget: 8'000 USD
- Competitive Process
- Status: Declined

## The Role of Digitalization in Overcoming Climate Injustices

Advanced technology has the potential to provide effective solutions to climate change. Nevertheless, access to these technologies is unequal both among and within countries, adding another layer to existing climate injustices. This research aims to examine how and the extent to which digitalization helps to address climate injustices of vulnerable communities.

- **DEFNE GONENC**, PhD candidate in IR/PS, Graduate Institute
- Funder: SNF-SPARK
- Budget: 100'000 CHF
- Competitive Project
- Status: Declined

## The Social Network of Carbon Emissions A Global Perspective

There is a substantial gap between stated and required national commitments to combat climate change. Given both the complexity and the urgency of the issue, new channels are needed to foster change. This project intends to identify the top 100 most important decision makers with power over carbon emissions produced by multinational enterprises (MNE). Social network analysis will be applied to a new dataset combining carbon emissions, multinational ownership structures, and data on the composition of MNEs' boards of directors. This dataset, to be constructed from existing data sources in the first half of this project, allows for the estimation of a carbon emission value controlled by each director through aggregate MNE ownership structures. Using information on interlocking boards then allows for the identification of the number of emissions a director is connected to, a new measure of "climate power" the network can be sorted by. The project intends to create new momentum in the international debate on climate change by finding the people behind the emissions

- **PHILIPP GROSSKURTH**, Visiting Fellow, CIES
- Funder: SNF-SPARK
- Budget: 100'000 CHF
- Competitive Project
- Status: Declined

## Marie Curie Individual Fellowship: Russian Climate Change Science in Transition

Taking numerical and semi-empirical climate models as a lens, this project aims to understand how the development of climate change science was impacted by the break-up of the Soviet Union in order to make sense of the marginalisation of Russian climate science and of Russia's stance on global environmental changes. While previous studies have shed light on how the Russian government responded and coped with the issue, no studies have so far been undertaken to trace the history of Russian climate models, whose genesis can reveal the complex entanglement of technology, science and power. By using archival material from Moscow, Paris and Geneva, as well as semi-structured interviews with Russian climate scientists, this history of science project aims to 1) assess the models and methods used in the Soviet Union and later in Russia to predict climate change and 2) to understand what happened to the science after the break-up of the Soviet Union with regards to the scientists' participation in the IPCC, the 1992 Rio conference and the Kyoto-Protocol. RuClimSci will help to understand better why knowing about the cultural and historical backgrounds of major greenhouse gas producers is important in tackling climate change.

- **KATJA DOOSE**, Visiting Fellow CIES & Visiting Lecturer
- Funder: Marie Skłodowska-Curie Actions
- Budget: 203'149,44 euros
- Competitive process
- Status: Under review

## **SNF Ambizione: Feeding the People: agriculture and climate change in the USSR, 1960s-1990s**

Despite a recent surge of interest into the history of environmental science in the Soviet Union, historians have so far paid little attention to history of climate sciences, a crucial discipline for military purposes but also for the agricultural sector, that was facing considerable problems providing the Soviet population with sufficient food. The proposed project addresses this gap by exploring how the socio-political context of increasing food shortages in the Soviet Union since the early 1960s shaped the way scientists researched and viewed climate change. With the toolbox of Science and Technology Studies(STS) the project will first examine the relationship between climate sciences and Soviet food policies by looking at the changing role of climate and weather as narrative and arguments to deflect from actual problems in the agricultural sector. Furthermore, it will analyse how discourses on the production system of

the Soviet Union were led by climate scientists, sociologists and politicians. In a second stage, the project will work out how the socio-political context of food shortages functioned as a catalyst for conducting and funding climate change research. It will look at how this particular context shaped their tools, methods and ways to interpret and view the evolution of the climate at the time.

- **KATJA DOOSE**, Visiting Fellow CIES & Visiting Lecturer
- Funder: SNF
- Budget: 521'200 CHF
- Competitive Project
- Status: Under review

## **Traditions, education and family formation in Tanzania (DocMobility)**

Policy compliance is difficult to achieve in environments with weak institutions. Moreover, even if all individuals act, they will not necessarily adopt the same set of actions. Traditions may be one source of heterogeneous behaviour. My objective is to study the behaviour of bride-price societies versus that of communities relying on token transfers or no marriage transfers altogether. The policy that I explore consists of the elimination of primary school fees in Tanzania. I want to establish whether this policy has impacted communities differently, depending on their marriage traditions. The current argument is that bride-price communities are better incentivised to invest in education since the size of the bride price is proportional to the education of the bride. In addition, I wish to further the field's knowledge by studying family formation at or before the age of 18 as a secondary

outcome. There is no significant piece of research that brings education, traditions and fertility together into one theoretical framework. Thus, I propose the development of a model which argues that girls from bride-price communities marry or give birth later in life because they face a higher opportunity cost of time. In turn, their higher opportunity cost is explained by them being relatively better educated, which is a consequence of their tradition. Finally, I propose to investigate the matter empirically.

- **ROXANA ELENA MANEA**, PhD Candidate in International Economics, Graduate Institute, (Main Applicant)
- Funder: SNF- DocMobility
- Budget: 46,450 CHF
- Competitive Project
- Status: Declined

## **Human Niche 2020 (extension)**

The Human Niche Project has been in place at the Graduate Institute Geneva since 2012, at which time it was instituted as a means for funding ongoing work in the field of environmental economics, biodiversity and sustainable development. The project has investigated the interactions between human population, food requirements, land use and sustainable development on local, regional and global bases.

To this end, the project has provided funds primarily for graduate student research, fieldwork expenses, workshops and academic meetings, and public events in the areas of work associated with the Human Niche Project.

The goal of this proposal is to provide a renewal of the project budget for five years in order to continue the work of the Human Niche Project for the period February 2020 – August 2022.

- **TIM SWANSON**, Professor, International Economics, Graduate Institute
- Funder: MAVA Foundation
- Budget: with revised budget of 293'583 CHF
- Status: Accepted

## 6. Publications

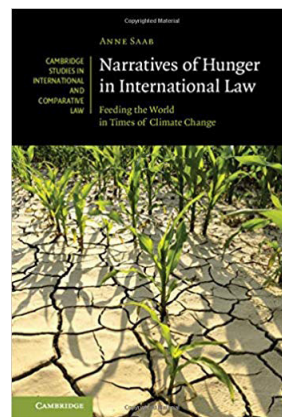


In 2019, CIES researchers contributed to 13 books and 14 articles in academic journals. Another 17 articles and books contribution have been accepted for publication in 2019 and will be published in 2020. Additionally, 6 CIES publications (in the Research and Policy Paper series) were authored or co-authored by CIES staff. Finally, 3 Policy-oriented papers and other publications authored by CIES affiliated members were published. Over the course of the year, CIES researchers presented their work at 44 conferences, workshops or seminars in Switzerland and abroad.

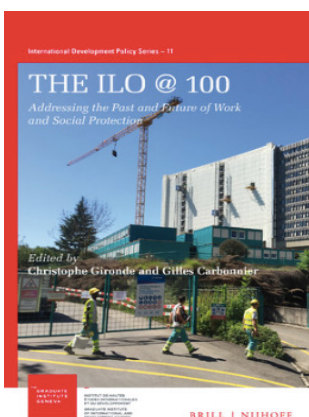
### 6.1. Books, edited volumes and contributed chapters



Book monograph  
**DOOSE, K.**  
**TEKTONIK DER PERESTROIKA. DAS ERDBEBEN UND DIE NEUORDNUNG ARMENIENS, 1985-1998** (Köln: Böhlau Verlag, May 2019) (reprint PhD thesis)

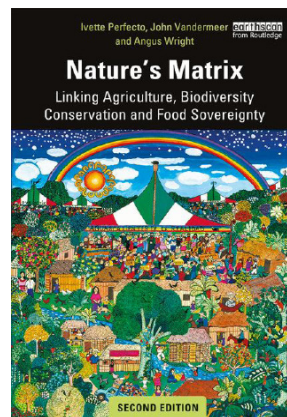


Book monograph  
**SAAB, A.,**  
**TENARRATIVES OF HUNGER IN INTERNATIONAL LAW: FEEDING THE WORLD IN TIMES OF CLIMATE CHANGE** (Cambridge University Press, April 2019). See Box 1

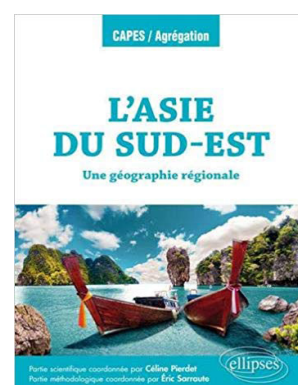


Edited Book Volume  
**CARBONNIER, G. AND GIRONDE, C.**  
The ILO @ 100: addressing the past and future of work and social protection. Leiden, Brill Nijhoff, June 2019

Book Chapter  
**CARBONNIER, G. AND GIRONDE, C. ,**  
The ILO @ 100: in search of renewed relevance. The ILO @ 100 : addressing the past and future of work and social protection. - Leiden : Brill Nijhoff, 2019. - P. 3-18

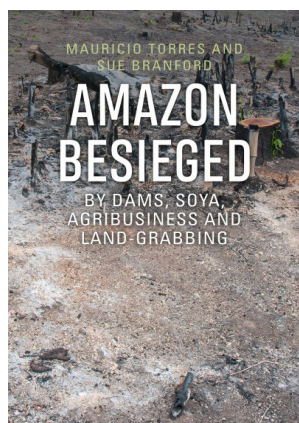


Edited Book Volume  
**Hecht, S., 2019.**  
To be or not to be? Rethinking the matrix is times of cataclysm. Introduction to Yvette Perfecto, John Vandermeer, and Angus Wright (eds) **Nature's Matrix: Linking Agriculture, Biodiversity Conservation and Food Sovereignty Ecology**. Earthscan. New York. 1-7

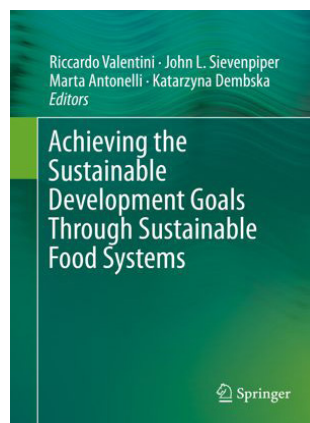


Book Chapter  
**Gironde, C., 2019.**  
**"L'INTEGRATION RENFORCEE DES ESPACES RURAUX".** In **L'ASIE DU SUD-EST**, (Eds) Eric Sarraute et Céline Pierdet, Ellipses

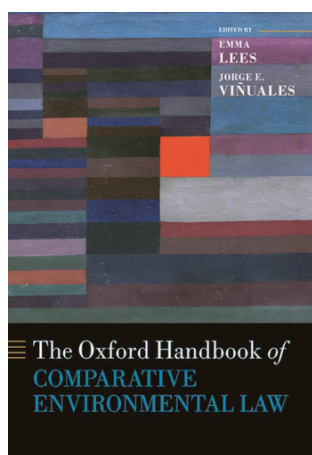




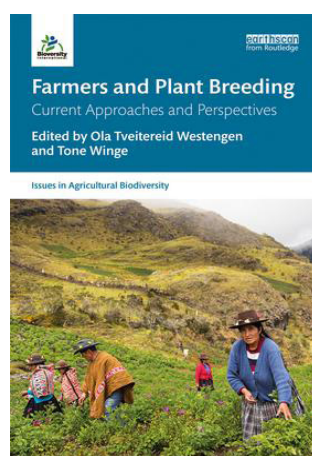
Book Chapter  
Hecht, S., 2019. "A STORM IS BLOWING OUT OF PARADISE. INTRODUCTION". Mauricio Torres and Sue Brandford (Eds) In **AMAZONIA BESIEGED- Practical Action** Publishing. England. vi-xii.



Book Chapter  
Piselli D. & Pavoni R. October 2019. "THE ROLE OF YOUTH IN ACHIEVING THE SDGS:SUPPORTING YOUTH-LED INNOVATION FOR SUSTAINABLE FOOD SYSTEMS". In **ACHIEVING THE SUSTAINABLE GOALS THROUGH SUSTAINABLE FOOD SYSTEMS**, (Eds) Riccardo Valentini, John L. Sievenpiper, Marta Antonelli, and Katarzyna Dembska. Cham: Springer



Book Chapter  
Saab A., 2019. "GMOS". Vinuales J., & Lees E, MAY (eds) In **OXFORD HANDBOOK OF COMPARATIVE ENVIRONMENTAL LAW**, (Eds) Oxford University Press

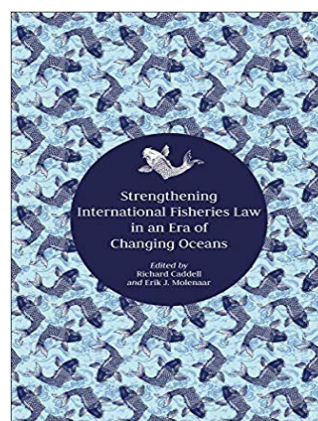


Book Chapter  
Tyack, N.; Manneh, B.; Konate, A.; Kessy, T.; Traore, A.; Sie, M. 2019. "TWENTY YEARS OF PARTICIPATORY VARIETAL SELECTION AT AFRICARICE: LESSONS FROM FARMER INVOLVEMENT IN VARIETY DEVELOPMENT". Ola Tveitereid Westengen, Tone Winge (eds.). In **FARMERS AND PLANT BREEDING: CURRENT APPROACHES AND PERSPECTIVES** (Eds) Routledge



Book Chapter  
Baker, E., Fidelman, P., Gonçalves, L., Harris, P., Hollway, J., Kim, R., and Rice, J., March 2019, "OCEANS POLICY EFFECTIVENESS ", IN **GLOBAL ENVIRONMENTAL OUTLOOK 6 REPORT** (Ed), 2019, Cambridge: Cambridge University Press, pp. 349–370.

Fidelman, P., Gonçalves, L., Hollway, J., Jacob, K., King, P., and Sewerin, S. March 2019, "ENVIRONMENTAL POLICY: THEORY AND PRACTICE ", IN **GLOBAL ENVIRONMENTAL OUTLOOK 6 REPORT** (Ed), 2019, Cambridge: Cambridge University Press, pp. 283–299.



Book Chapter  
Van der Marel, E. April 2019. "PROBLEMS AND PROGRESS IN COMBATING IUU FISHING". In **STRENGTHENING INTERNATIONAL FISHERIES LAW IN AN ERA OF CHANING OCEANS**, Edited by Caddell, R., & Molenaar, E.J, Oxford,: Hart Publishing, pp 291-318

## 6.2. Articles published in scientifically referred journals

- Andonova, L. and Sun Y. 'Private Governance in Developing Countries: Drivers of Voluntary Carbon Offset Programs', *Global Environmental Politics*, pp 99-119 (February 2019)
- Bianchi, A. & Saab, A. Fear and international law-making: An exploratory inquiry. *Leiden Journal of International Law* 32, 351–365, (September 2019)
- aus dem Moore, N., Großkurth, P. & Themann, M. Multinational corporations and the EU Emissions Trading System: The specter of asset erosion and creeping deindustrialization. *Journal of Environmental Economics and Management* 94, 1–26 (September 2019)
- Doose, K. Green Nationalism? The Transformation of Environmentalism in Soviet Armenia, 1969–1991. *Ab Imperio*. 2019. 181-205. (January 2019).
- Eloy L., Hecht S.B., Steward A., Mistry J. Firing up policy, politics and polemics under new and old burning regimes. *The Geographical Journal*. -185 (1), 2-9 (February 2019)
- Gironde C., Torrico Ramirez A. Dépossession foncière, transition agraire et capacité d'adaptation: devenir des populations autochtones de Ratanakiri (Cambodge). *Revue internationale des études du développement*. - 2,(238), 291-322 (2019),
- Gironde C., Carbonnier G., L'OIT centenaire: pertinence et défis dans un monde du travail en mutation. International Development Policy, *Revue internationale de politique de développement*. - 11(2019), p. 1-14
- Held D., Kickbusch I., McNally K., Piselli D., Told M., Gridlock, innovation and resilience in global health governance. *Global Policy*. 10(2), 161-177 (February 2019)
- Hecht, S., Eloy, L., Sears, R., and Mithry J., Firing up: Framing, polemics, policy and practices: The meaning of fire, its knowledge systems and its politics in Latin America. *The Geographical Journal* 185: 2-9 (2019)
- Hecht, S., and Rajao R. From Green Hell to Amazonia Legal: Land Use Models and the re-imagination of the Rainforest as a Development Frontier. *Land Use Policy* (2019)
- Hecht, S. and Clavel, D. "Exiles in Paradise: The Tambora Explosion, the Swiss Diaspora and the Refugee Monarchy: Teleconnections, migrations and the development of racial colonist ideologies in Brazil." *Environmental History* (2019)
- Larcom S., Panzone L.A., and Swanson T., Follow the Leader? Testing for the Internalization of Law. *Journal of Legal Studies*, 48(1), 217-244 (January 2019)
- Mitchell, M., Andonova, L., Axelrod, M., Balsiger, J., Bernauer, T., Green, J., Hollway, J., Kim, K., and Morin, J.F. What we know (and could know) about international environmental agreements. *Global Environmental Politics*. (2020)
- Naso P, Huang Yi, Swanson T., The impact of environmental regulation on Chinese spatial development, *Economics of Transition and Institutional Change*. - 28, 161-194 (July 2019)
- Ravetti C., Sarr M., Munene D., Swanson T., Discrimination and favouritism among South African workers: Ethnic identity and union membership, in *World Development*, Volume 123, November 2019
- Srinivasan, S. The light at the end of the tunnel: Impact of policy on the global diffusion of fluorescent lamps. *Energy Policy* 128, 907–918 (May 2019)
- Swanson T., Ravetti, C., A Dragon Eating Its Own Tail: Pollution Information and Pollution Control in China, in *Environment and Development Economics*, 24:1-22 (November 2019)

## 6.3. In press

### Edited book volume

- Hecht, S., Rebel in the Backlands, Insurgent Academic, Prescient Scholar. Introduction to Milton Santos. In **The Nature of Space: Techne, Time, Reason and Emotion** (Translation) Duke University Press. (2020)
- Hecht, S. Tropical Utopias: Practical and Political Imagination in the New World Tropics. American Sociology Association (eds). **Working title for President Panel volume: Imaginary Worlds to Material Realities** 32(2020)

### Book chapters

- Biermann, R., Kim, R., Scobie M., , Hollway, J., and Mitchell, R. "Taking stock and moving forward", in *Architectures of Earth System Governance*. Cambridge: Cambridge University Press. (2020)
- Doose, K. 'Governing through Aid in the Cold War. Humanitarian Interventions after the 1988 Earthquake in Armenia', in J. Laycock and F. Piana (ed.), **Aid to Armenia on the place of Armenia in histories of humanitarianism**. Manchester: Manchester University Press (2020)
- Hecht, S. "William Denevan: Closet Theorist of Tropical Development" In: K. Mathewson and A Winklerprinz (eds): **Forest, Fallow, Terrace and Field. William Denevan: Cultural and Historical Ecology**. Springer Publishing. New York and Berlin (2020)

**Hecht, S.,** Davis M., "Environmental Justice, Climate Catastrophes and the Invention of Global Environmental History". In Micheal Sorkin and David Mond (eds) *Between Catastrophe and Revolution: Essays in Honor of Mike Davis*. New York, Terra/UR 35pp (2020)

**Noailly J.,** Andersen M., Innovation and environmental policy in the mining sector; in **Global challenges for innovation in the mining industries**. Daly, A., Humphreys, D., Raffo, J., and Valacchi, G. (eds) Cambridge University Press (2020)

#### Peer-reviewed articles

**Hecht, S.,** and Rajao R., From Green Hell to Amazonia Legal: Land Use Models and the re-imagination of the Rainforest as a Development Frontier. *Land Use Policy* (2020)

**Hecht, S.,** John Muir and Muirism in Amazonia: Traveling Land Ideologies and their Institutions; *Journal of Peasant Studies*. (2020)

**Hecht, S.,** William Denevan: Sciences, Native Technologies, Knowledge Systems in Amazonian Environmental History and Development Alternatives. *Tapuya: Latin American Science and Technology Studies* (2020)

**Hecht, S.** and Clavel, D. "Exiles in Paradise: The Tambora Explosion, the Swiss Diaspora and the Refugee Monarchy: Teleconnections, migrations and the development of racial colonist ideologies in Brazil." In *Environmental History* (2020)

**Koppel J.** Lithium potentials: thinking through matters of scale in *Transformations*, special issue on Mineral Transformations (Accepted in June 2019)

**Naso P.;** Bulte E.; **Swanson T.** Legal pluralism in post-conflict Sierra Leone; *European Journal of Political Economy* 61, 1-21 (2020)

**Scoville-Simonds M.,** Jamali H. and **Hufty M.** The Hazards of Mainstreaming: Climate change adaptation politics in three dimensions. *World Development* 125 (2020)

**Swanson, T.,** The Return of Malthus? Resource Constraints in an Era of Declining Population Growth, *European Economic Review*, forthcoming 2020.

**Swanson, T.,** Food Security and Global Public Good Provision: A Macroeconomic Approach to Global Land Use Policy, *World Development*, forthcoming 2020.

## 6.4. Research papers, policy papers and other publications

The economics related CIES Research Papers are published on the CIES website as well as on RePec, the largest repository of research papers in economics online.

### 6.4.1 CIES Publications

#### CIES Research papers

**Naso P.** Environmental Regulation in a Transitional Political System: Delegation of Regulation and Perceived Corruption in South Africa, CIES Research Paper series 59-2019

**Srinivasan, S.** The light at the end of the tunnel: Impact of policy on the global diffusion of fluorescent lamps, CIES Research Paper series 60-2019

#### CIES Research Briefs

**Naso P.,** Impacts of Legal and Regulatory Institutions on Economic Development; CIES Research Brief 3, (Spring 2019)

**Gironde, C.,** Land Grabs, Big Business and Large-Scale Damages; Global Challenges Issue 6 'Endangered Earth', CIES Research Brief 4, (Autumn 2019)

**Swanson T.** Food Security and Land Use in the 21st Century: The Return of Malthus? Global Challenges Issue 6 'Endangered Earth', CIES Research Brief 5, (Autumn 2019)

#### CIES Policy Briefs

**Hecht, S.** Darkness at Noon: Deforestation in the new Authoritarian Era; Global Challenges Issue 6 'Endangered Earth', CIES Policy Brief 4, (Autumn 2019)



## 6.4.2 Policy-oriented papers and other publications

**Huffy M.** Abandoned Mines: The Scars of the Past; Global Challenges Issue 6 'Endangered Earth', Graduate Institute (Autumn 2019)

**Seshia Galvin S.** The Ground beneath Our Feet: Food, Agriculture and Climate Change; Global Challenges Issue 6 'Endangered Earth', Graduate Institute (Autumn 2019)

## 6.5. Papers presented and talks at conferences by CIES researchers

**Andonova, L.,** The Regime Complex for Clean Energy, International Studies Association Meeting, Toronto, March 2019

**Andonova, L.,** Business meeting of the Environmental Studies Section and Award Ceremony, ; International Studies Association Meeting, Toronto, March 2019

**Andonova, L.,** Business and Society – Partnering for a Better Future; conference of the Hoffmann Global Institute for Business and Society, Basel, April 2019

**Andonova, L.,** panel on Diplomacy in an era of partnerships and Networks, International Forum for Diplomatic Training, Geneva, 19 September, 2019

**Andonova, L.,** Invited keynote speaker, Comparing Climate Change Policy Networks, Oeschger Centre for Climate Change Research (OCCR), University of Bern, October 22, 2019

**Doose, K.,** 'Global Warming in a divided World: Climate change research during the Cold War, 1972-1991', Research Seminar University of Bern, 20 February 2019

**Doose, K.,** 'Droughts in the Cold War: Food Shortages and Climate Change, 1961-1991', Future of Food Workshop, Geneva, 9-10 April 2019

**Doose, K.,** Discussant on Panel on Urban and Environment Mobilization: '1989 In the East: Between Order and Subversion', INALCO Paris, 7-8 November 2019

**Forclaz A.** Institutional precursor to green revolutions: FAO and the dynamics of hybrid maize adoption and rejection in Europe; Future of Food Workshop, Geneva, 9-10 April 2019

**Forclaz, A.,** Sprouting Development: Seeds and Capitalist Agriculture in postwar Europe. International Pierre Du Bois conference on Microcosms of Global Capitalism, Graduate Institute, Geneva, 3-4 October 2019

**Forclaz, A.** International Organizations as Agents of Agricultural Experimentation in the 1940s; History of Science and Technology Meeting in Milan (Italy) and organized and chaired a panel on Agricultural Experimentation; 24-27 October 2019

**Forclaz, A.,** Writing Back Agriculture into International History: War, Agriculture and the History of European Reconstruction; workshop on the Historicity of the Global at the EUI (Basel, Switzerland); 15 November 2019

**Gironde, C.,** Cycle de conférences « Pleins feux sur l'Asie du Sud-Est », Conférence: Transition agricole, adaptation et conflits contenus au Cambodge et au Vietnam depuis les années 1990 ; 8 February 2019

**Gironde C.,** Conférence: Colonisation agricole, adaptation et conflits sur les hautes terres du Cambodge, Ottawa (Canada), 21 March 2019

**Gironde, C.,** Conférence: Transition et crise agricole, sur les hautes terres du Cambodge, Quebec (Canada), 28 February 2019

**Gironde, C.,** Swiss Forum for International Agricultural Research Meeting, Droits et égalités pour une meilleure utilisation de la terre au Cambodge et au , Delémont (Switzerland), 2 May 2019

**Gironde, C.,** Participant of 'Symposium the Future of Food', 'Academia Perspectives on the Future of Food' (round table), Rome (Italy), 10 June 2019

**Hecht, S.,** Fall and Rise of Amazonian deforestation: Icons, Institutions and Ideologies; Brazil Center Lozano Lecture, University of Texas (Austin, United States). 10 February 2019

**Hecht, S.,** Between Forest and Field in Land Use Change; Keynote, Saint Andrews College ( St Andrews, Scotland); 16 April 2019

**Hecht, S.,** Geography and its Future, Weatherhead Institute, Harvard University (Cambridge, Massachusetts); 4 October 2019

**Hecht, S.,** Amazonia Symposium Keynote; Johns Hopkins University (Baltimore, Maryland); 18 October 2019

**Hecht, S.,** The Republic of Plants. Soy as an international actant (Chennai, India). 9-14 December 2019

**Hollway J.,** Conditions for novelty, Toronto, 2019

**Hollway J.,** SVPW Zürich- 'Measuring the topology of complexity' & 'International Organizations', 14 February 2019

**Hollway J.** ISA 2020 Annual Convention Network analysis and global environmental governance, Honolulu, 25-28 March 2020

**Koppel J.** Resources for a socio-ecological transformation – "Towards a Global Political Ecology of Lithium", University of Innsbruck, 28 February – 2 March 2019

**Koppel J.** Chemical Connections as a Matter of Scale: Reflections on an Ethnography of Lithium, University College of London, 6-7 June 2019

**Naso, P.,** Malthusianism in the 21st Century –Resource Constraints in an Era of Declining Population Growth; at the National School of Development (Beijing, China), 20 May 2019

**Noailly J.** Do financing constraints matter for the direction of technical change in energy R&D? Smart Prosperity Institute, University of Ottawa, July 2019

**Nowzohour L.M.,** Policy Uncertainty and the Transition to Clean Technologies; Congress of the Swiss Society of Economics and Statistics, 13-14 June 2019;

**Nowzohour L.M.,** Workshop as part of the CEIP Summer School on The Economics of Environmental Policy and Innovation, Ottawa (Canada), 25-29 July 2019



- Nowzohour, L.M., Noailly J., Van den Heuvel, M.,** "A New Environmental Policy Uncertainty Index", Lausanne (Switzerland), 25 November 2019
- Piselli D.,** Planetary Boundaries and International Environmental Law: How to Strengthen Synergies Between Multilateral Environmental Agreements, Siena (Italy), 16 October 2019
- Saab A.,** Global Warning: Fear, Climate Change, and International Law; Law & Society Association Annual Conference, Washington D.C., 30 May-June 2019
- Saab A.,** Emotions and International Law; Annual Junior Faculty Forum for International Law, National University of Singapore; 12-14 August 2019
- Saab A.,** The Paris Agreement and the Empowerment of State Sovereignty; European Society of International Law Annual Conference; Athens; 12-14 September 2019
- Swanson, T.,** Malthusianism in the 21st Century – Resource Constraints in an Era of Declining Population Growth (MAVA Human Niche Project), Presentation at the International Food Policy Research Institute, Washington DC, January 2019
- Swanson, T.,** Malthusianism in the 21st Century – Resource Constraints in an Era of Declining Population Growth (MAVA Human Niche Project), Presentation at the Resources for the Future Foundation, Washington DC, January 2019
- Swanson, T.,** Malthusianism in the 21st Century – Resource Constraints in an Era of Declining Population Growth (MAVA Human Niche Project), Presentation for the Gates Foundation, Geneva, Switzerland, February, 2019
- Swanson, T.,** Malthusianism in the 21st Century – Resource Constraints in an Era of Declining Population Growth (MAVA Human Niche Project), Presentation at the Forum for Resource Management, University of Cape Town, March 2019.
- Swanson, T.,** Malthusianism in the 21st Century – Resource Constraints in an Era of Declining Population Growth (MAVA Human Niche Project); Presentation at the Future of Food Workshop, 9 April 2019, Graduate Institute Geneva.
- Swanson, T.,** Malthusianism in the 21st Century – Resource Constraints in an Era of Declining Population Growth (MAVA Human Niche Project); Presentation at the National School of Development (Beijing, China), 20 May 2019
- Tyack, N.,** Local Innovators in Uganda: experimenting with improved maize in a low adoption environment; The U.K Agricultural Economic Society conference, University of Warwick, April 2019;
- Tyack, N.,** Local Innovators in Uganda: experimenting with improved maize in a low adoption environment; The Future of Food workshop CIES, The Graduate Institute, April 2019;
- Tyack, N.,** Local Innovators in Uganda: experimenting with improved maize in a low adoption environment; The Swiss Society of Economics and Statistics Conference, 13-14 June 2019.
- Tyack, N.,** Local Innovators in Uganda: experimenting with improved maize in a low adoption environment; 3rd Meeting of the Research Network on Economic Experiments for the Common Agricultural Policy (REECAP), Osnabrück (Germany), 9-10 September 2019
- Van der Marel E.R.,** Capacity Building Workshop at the Jakarta Centre for Law Enforcement Cooperation (JCLEC), as a speaker at the Heads of Asian Coast Guard Annual Meeting (HACGAM), 22-26 April 2019
- Van der Marel E.R.,** Jurisdiction in International Law, at the Universitas Esa Unggul in Jakarta, 11 May 2019
- Van der Marel E.R.,** Asia and the Global Reach of EU Law, European University Institute, 10-12 June 2019

## 6.6 Academic Workshops organised by CIES faculty members

- Doose, K.,** Climate Change in the Soviet Union and Russia: Approached and debates in science, society and politics, 1960s-2010s, 25-26 April 2019, at the German Historical Institute. Moscow. Attendees: 50

## 7. Events

In 2019, the CIES organised 6 well attended public events and 6 academic conferences and workshops. Among them, 2 workshops were organised abroad, in Argentina and Italy, to increase the international outreach of our projects. In addition, CIES faculty members regularly engaged in several other events.

In the organisation of its events and activities, CIES also collaborates closely with the Graduate Institute's Environmental Committee (EC).

## 7.1. The Geneva Dialogues on Global Environmental Problems

The Geneva Dialogues are a series of keynote speeches by leading academics bridging research and policy on a given theme. Attendees are made up in equal number from the Institute's faculty and student body and from international organisations, including international NGOs. The purpose of inviting these lecturers, in addition to presenting an interesting subject with insight from their specialty, has been also to forge connections with CIES members in their field of expertise.



Image 2 – Peter Rosset and Susanna Hecht at the “Climate Change, Social Movements and Peasant Agroecology” conference

PETER ROSSET, 9 April 2019

Professor at ECOSUR (Chiapas, Mexico)

“Climate Change, Social Movements and Peasant Agroecology”

Peasant farmers are prime victims of climate change. Increasing variability in rainfall and temperatures disrupts planting and what the peasant movement calls “false solutions”, like agrofuels and REDD, lead to further land grabbing and dispossession, doubly victimizing the peasantry. The transnational peasant movement La Via Campesina (LVC) responds that peasants also hold the promise of a true solution that could substantially scale back greenhouse gas emissions: relocalizing the global system by building food sovereignty, based on anti-capitalist struggle, the roll-back of free trade agreements, true agrarian reform, and peasant agroecology. Beyond its well known engagement in political struggles, LVC is now significantly dedicated to building peasant schools and territorial processes to scale up agroecology practiced by small scale producers of food, as part of advancing from “discourse” to real transformation of material reality.

- Moderator: **SUSANNA HECHT**, Professor in International History, Graduate Institute
- Attendees: 146

ANTHONY BEBBINGTON, 14 October 2019

Higgins Professor of Environment and Society, The Graduate School of Geography, Clark University.

“Resource extraction, climate change and the right to live well”

Natural resource extraction has returned with a vengeance: as a model of development, as illicit activity, and as survival strategy. Combined investment in extractive industry, large scale infrastructure and the expansion of the agricultural frontier are often put forward as essential for the generation of government revenue, energy provision, and employment. Yet, this emphasis on resource extraction raises serious challenges for climate change, biodiversity and community rights, not least through its impacts on land cover change and water resources.

Can these challenges be addressed in ways that combine – at least to some extent – extractivism with the right to live well? The keynote lecture aimed to shed light on potentially fruitful responses at the interface of social mobilization and policy innovation within large-scale bureaucracies, without underestimating the constraints to change.



Image 3 – Anthony Bebbington at the “Resource extraction, climate change and the right to live well” Conference

- Moderator: **SUSANNA HECHT**, Professor, International History, Graduate Institute
- Attendees: 205

## 7.2. Academic conferences, symposiums and workshops

### 7.2.1 Academic conferences and workshops organised by CIES

#### The Future of Food, 10 April 2019

Many researchers and policy analysts are currently looking to climate historians for answers on how societies and agricultural populations respond to major traumatic events (war, climate shocks, and agrarian transformations). Climate historians are “running the models backwards” as well as forward to assess what large scale and rapid climate change might entail both in terms of disasters as well as robust institutional responses. The recent information on emissions, coupled to the IPCC assessment, the UNEP Climate assessment and the US assessment all foretell of dire changes for which most societies are unprepared. The purpose of this conference was to explore the powerful agrarian transitions that are under way in rural landscapes under the new climate regime. In recent years, an acceleration of extreme climate events, high variability in weather patterns, periodic droughts and “deluge” rainfall, as well as shifts in diurnal patterns, changes in pathogens, and loss of pollinators have put considerable pressure on farming in general. Large-scale cultivators of monocrops are facing significant challenges because of the limited resilience of such systems, whereas for small farmers the impacts of rapid and uncertain climate change are particularly severe because of volatile price dynamics, ecological contexts, and more general vulnerabilities. This workshop brought together scholars from multiple disciplines ranging from history to agroecology to explore these issues through the organizing axis of the Future of Food.



Image 4 -Susanna Hecht and Amalia Ribi Forclaz at the 'Future of Food' Conference

→ Organiser: **SUSANNA HECHT**, Professor International History Professor International History & **AMALIA RIBI FORCLAZ**, Associate Professor International History

#### The Swiss Society of Economics and Statistics (SSES) Annual Congress 2019, Special Session on the Environmental Economics, 14 June 2019

The Department of International Economics and the Centre for Finance and Development at the Graduate Institute of International and Development Studies in Geneva, Switzerland, were proud to host the Annual Meeting of the Swiss Society of Economics and Statistics (SSES/SGVS) on June 13 (Thursday) and June 14 (Friday), 2019. The special theme of the meeting was Sustainable Development. Following the standard practice at SSES meetings, papers across all fields of economics and statistics are welcome and encouraged. Keynote speeches will be delivered by Eliana La Ferrara (Bocconi), Omer Moav (Warwick), and Debraj Ray (NYU).

→ Organiser: **JOËLLE NOAILLY**, Lecturer International Economics

#### LITHIUM 1st partners workshop, Argentina, 31 July – 2 August 2019

Aula de Seminarios del INENCO (Instituto de Investigaciones en Energía No Convencional), Facultad de Ciencias Exactas, Universidad Nacional de Salta

The lithium industry in Latin America is making great strides, propelled by the Battery proliferation worldwide. In countries with significant reserves, such as Argentina, Bolivia and Chile, this growth has been anticipated for decades. Nevertheless, since extraction has been limited to a few sites, research on this phenomenon has been scarce. Currently, with the growth of the industry this scenario is changing: more and more scientists and scientists study the subject in the region. In this context, the first workshop of the LITHIUM project offers a space for reflection. Where do we go with research on the political ecology of lithium? How do we address the emerging dynamics, developing at local, national scales, regional, and global? What collaborations and synergies between people, countries, groups of Research and disciplines are necessary for this purpose?



Image 5 –Marc Hufty and a few project partners in the workshop in Salta

→ Organisers: Melisa Escosteguy, Lucas Seghezzo (Universidad Nacional de Salta); Marc Hufty, Jonas Köppel, and Morgan Scoville-Simonds (The Graduate Institute)

## Book launch 'Narratives of Hunger in International Law', 2 October 2019

Anne Saab, Assistant Professor in International Law and Associated Faculty for the Centre for International Environment Studies (CIES) presented her book *Narratives of Hunger in International Law*. Dario Piselli and Malavika Rao (both PhD candidates in International Law at the Graduate Institute), accompanied her to introduce her book through a set of questions. Many students, faculty members, and professionals attended the book launch which resulted in a strong interaction between the participants and the audience.

This book explores the role that the language of international law plays in constructing understandings – or narratives – of hunger in the context of climate change. The story is told through a specific case study of genetically engineered seeds purportedly made to be 'climate ready'. Two narratives of hunger run through the storyline: the prevailing neoliberal narrative that focuses on increasing food production and relying on technological innovations and private-sector engagement, and the oppositional and aspirational food sovereignty narrative that focuses on improving access to and distribution of food and rejects technological innovations and private-sector engagement as the best solutions.



Image 6 -Anne Saab, Dario Piselli and Malavika Rao at the book launch 'Narratives of Hunger in International Law'

→ Organiser: **ANNE SAAB**, Assistant Professor, International Law

## 2nd Academic Partners Meeting of the SNIS Project on «Effectiveness of Partnerships for Advancing the Sustainable Development Goals: Behavioural Pathways and Impacts» 4-5 October 2019

On 4-5 October 2019 the academic partners of the Effectiveness of Partnerships project convened in Florence, Italy to present and discuss the draft research papers resulting from the project, as well as to make a final determination on publication options and other dissemination strategies.



Image 7 - Art Hotel Villa Agape in Florence hosted the partners meeting.  
Credits: villaagape.it

This project was funded by the Swiss Network for International Studies (SNIS) and hosted by the Graduate Institute of International and Development Studies (IHEID). The gathering, which followed the 1st academic partners meeting hosted at the Graduate Institute in December 2017, took place at Art Hotel Villa Agape in the Florence's Oltrarno. It consisted of four sessions of paper presentations and strategic discussions, and saw the participation of partners from the Centre of International Environmental Studies of the Graduate Institute, the University of Zurich, the John F. Kennedy School of Government at Harvard University and the Public-Private Partnership Centre of the University of Geneva..



→ Organiser: **LILIANA ANDONOVA**, Professor IR/ Political Science, Graduate Institute

## 2nd Partners' Meeting Financing Cleantech, EPFL, Lausanne 25 November 2019,



Image 8 – Financing cleantech project team at EPFL at the 2nd partners meeting.

The second Partners' meeting of the project "Financing investments in clean technologies" co-led by Joëlle Noailly (CIES) and Gaétan de Rassenfosse (EPFL) took place on Monday 25 November at the EPFL. The project is financed by the SNF as part of the NRP73, which aims to understand the potential of achieving a "Sustainable Economy" in Switzerland.

The meeting was the occasion for the research team to present some first results and to discuss the next steps with the various implementation partners involved in the project.

→ Organiser: **JOËLLE NOAILLY**, Lecturer International Economics and Gaétan de Ressenfosse (EPFL)

## 7.2.2 Academic conferences co-sponsored by CIES

**Clean Energy in Africa.** 25 March 2019, co-organised by CIES IHEID Africa Summit and the Green Growth Knowledge Platform (GGKP), Panel Discussion

Universal energy access is essential for economic development. Despite this, 600 million - 48% of Africa's population - still lack access to electricity with the majority living in rural areas. Expanding Africa's access to electricity through grid, mini-grid, and off-grid solutions is key to create shared prosperity for all people of the continent. Furthermore, by meeting electricity demand with clean energy – hydro, geothermal, solar and wind – Africa can grow in an environmentally sustainable manner with minimal additions to overall carbon emissions and minimal impacts to biodiversity.

At the initiative of the IHEID Africa Summit and jointly organized by the CIES and the Green Growth Knowledge Platform, this event discussed the opportunities and obstacles to develop clean energy through the African continent.

Panellists: Lucy Hunt, Renewable Energy Associate at World Business Council for Sustainable Development (WBCSD), Prof. Malick Kane, Head of the Laboratory for Thermal Energy Systems (LTE), Haute école d'ingénierie et d'architecture de Fribourg, Youba Sokona, Senior Adviser, Sustainable Development, South Centre

→ Moderator: **JOËLLE NOAILLY**, , Lecturer International Economics  
→ Attendees: 95

## 'Our plastic future: can the oceans survive?', Sustainability Week Switzerland 2 April 2019

The conference Our Plastic Future: Can the Oceans Survive?, as part of the Sustainability Week, sought to educate and motivate attendees about the current plastic crisis. The moderator, Diana Rizzolio from the United Nations Environmental Programme, set the scene on the current challenge facing the oceans today. She first gave the floor to Eirik Lindebjerg from WWF Oslo. He discussed the lack of an international binding agreement in tackling plastic issue as it is a global problem. Today, there is no global framework that addresses directly the issue. Kei Ohno-Woodall then of the Secretariat of the Basel, Rotterdam and Stockholm Conventions, examined the different action plans that were introduced during the Basel, Rotterdam and Stockholm conventions from a national, regional and global policymaking. Following, Joao Sousa described

some of the work from the IUCN in tackling the plastic issue on oceans. Lastly, we had the privilege to have the Ambassador of Sri Lanka, Mr. Azeez, who was able to explain the current plastic issue in Sri Lanka and the different policies put in place in his country. Sri Lanka has mobilized legal and policy framework in order to tackle plastic from a national level by taking into account international agreement.

- Organizer: Students' Environmental Committee with the support of the CIES
- Attendees: 87



Image 9 – Joa Sousa (IUCN), Kei Ohno-Woodall (BRS Secretariat), Erik Lindebjerg (WWF Oslo), and Mr. Azeez (Ambassador of Sri Lanka) at the conference 'Our Plastic Future: Can the Oceans Survive?'

### Rountable between Susanna Hecht & FFD Ventures on Global Fund for Environment and Forestry, 5 November 2019

Susanna Hecht held a (closed door) discussion with Preeti Sinha, CEO of FFD Venture with the aim to structure a new Global Fund for Environment and Forestry (GFEF) in Geneva.

The participants in the round table discussion included Preeti Sinha, CEO, FFD Ventures who spoke about taking carbon credits and new innovative forest credits and forest bonds to the capital markets and to launch a large multi-mechanism financing facility – The Global Fund for Environment and Forests (GFEF); Jean Freymond, Trillion Trees for Climate Alliance (TTCA) on creating a high-level Taskforce of heads of major organizations for Trillion Trees and addressing the fact that global trees restoration is the most effective climate change solution; Fred Fournier, Founder, On a Mission highlighted his valuable work on working and aggregating forestation projects on the ground across the world; Jos Verbeek, Manager and Special Representative to the UN and WTO, World Bank Geneva presented the new World Bank PROGREEN forest trust fund and speaking about the focus on countries and need for coordination coherence and mechanisms to achieve effective results in forestation; and Ben Valk, Lead Food & Agri Partnerships at Rabobank outlined the Agri3, a new vital \$1 billion fund to extend tenors on loans for agribusiness and small-holder farmers.

- Attendees: 15

### Diversity, Land and Right of Indigenous peoples in Brazil, , 8 November 2019, Public Event

This event was a unique opportunity to hear indigenous activists and indigenous academics from different regions and communities of Brazil share their ideas. They discussed diversity and rights of indigenous peoples in the country, including the different narratives of integration and assimilation of indigenous persons both in the country and in the Latin America region more broadly. It also tackled the importance of the territory for indigenous peoples and the additional challenges currently faced by them under the new administration in Brazil.

The debate addressed the issues of compliance with international environmental preservation and human rights law. It also explored the connections between trade, consumption, deforestation and land conflicts. The indigenous leaders came in a campaign throughout Europe organized by Brazil's Indigenous People Articulation - APIB, which is the representation of indigenous movements at the national level.

- Moderator: **SUSANNA HECHT**, Professor International History, Graduate Institute
- Organizer: Latin American Network Initiative (LANI)
- Attendees: 95



Image 10 – Célia Xakriaba, Nara Baré and Kreta Kaingang at the conference 'Diversity, Land and Right of Indigenous peoples in Brazil'

## The Future of Food Security , Panel Discussion, 12 November 2019

On Tuesday 12th of November, a wide range of panelists from academics, the private sector, and international organisations gathered at the Graduate Institute to debate on the current global challenge of food security for a growing population. In 2100, the world's population is projected to reach between 11-12 billion people. This means that agriculture will need to supply 50% more food and will use more land in order to do so.

Panel: Susanna Hecht, Professor in international history; Jonathan Woodley, Director of Quaker United Nations Office; Sir Charles Godfray, Professor of Population Biology and Director of the Oxford Martin School; Hans Jöhr, Corporate Head of Agriculture of Nestlé



Image 11 – Conference 'The Future of Food Security'

- Organizer: **TIM SWANSON**, Professor International Economics, Graduate Institute and Sir Charles Godfray, Oxford Martin School. Collaboration with the MAVA Foundation
- Attendees: 211

## Climate crisis: A new decade of consequences , 9 December 2019

Tim Flannery, the Segré Foundation Distinguished Visiting Professor at the Graduate Institute, gave a talk on the current climate crisis and the consequences that we will be facing. His active role in the Australian government, as well as the first Climate Commissioner in Australia, made him an expert in his domain.



Image 12 – Tim Flannery and Joëlle Noailly at the lunch briefing 'Climate Crisis: A New Decade of Consequences'

The lunch briefing discussed about the climate crisis, and the human response to it are moving into a new phase – the decade of consequences. Adverse impacts from the changing climate are now all but ubiquitous and will worsen over the coming decade of consequences. The social response to the crisis has sharpened, with school strikes and the Extinction Rebellion, among other movements, springing up swiftly. But despite our growing awareness, emissions continue to rise, with 60% of emissions now come from India and China. Disruptive change will be required if humanity is to change course and avoid 2°C of global warming.

Overall, this lunch briefing portrayed various phenomena of climate change and the consequences if we continue on this path. The current inactions from political leaders are one of the main obstacles. Luckily, there are still solutions that can be put at the forefront of the global agenda to tackle this urgency. All those three steps mentioned can contribute to tackling climate change and should be addressed urgently by the global leaders.

- Moderator: **JOËLLE NOAILLY** Lecturer in International Economics, Graduate Institute
- Participation: 174

## 7.2.3 Other policy and public events co-organised by CIES and/or with the participation of CIES faculty

### Lunch Briefing: 'Amazonian Fires: The fall and rise of deforestation' 5 November 2019

Amazonia captured global headlines with dramatic imagery of raging fires engulfing the basin, which in turn triggered major geopolitical squabbles. The fires burned more than 2 million hectares of pastures and primary forest, spewing millions of tons of CO<sub>2</sub> into the atmosphere. From 2004 to 2014, deforestation had dropped by 80%. But by 2016, although nearly 60% of Amazonia was and is protected, clearing rates began to increase. In 2019, the region exploded in flames. This talk looks at the fall and rise of deforestation, and the reasons for and implications of these drastic changes.

- Organizer: **SUSANNA HECHT**, Professor in International History, Graduate Institute

## Launch event for the SNIS funded project 'Governing plastic: The global political economy and regulation of plastic production and pollution' 4 November 2019

The CIES is glad to support the project 'Governing plastic: the global political economy and regulation of plastic production and pollution'. The current issue of plastic pollution is on the forefront of contemporary challenges. It has an environmental, health social and economic implications. The project is responding to the pressing policy needs as well as filling the research gaps about the plastic issue. It addresses a holistic approach to the life-cycle of plastic pollution — complementing existing work on downstream 'waste' issues with attention to upstream challenges related to plastic production and consumption — and to the neglected political economy aspects of promoting change.

→ Project co-coordinator: **TIM SWANSON**, Professor in International Economics, Graduate Institute



Image 12- Launch of the project 'Governing plastic: the global political economy and regulation of plastic production and pollution'

## Pierre du Bois Annual Conference 2019: Microcosms of Global Capitalism 3-4 October 2019

Over the last two decades, the study of capitalism has made a triumphant return in historical research and historiographical debate. Historians have been using capitalism as a lens to analyse a wide range of phenomena, including the origins and evolution of trading, financial and manufacturing industries, but also the social transformations of and interactions with labor, migration, family, gender, class and race.

The aim of the 2019 Pierre du Bois Annual Conference was to contribute to this flourishing field of historical research by approaching the history of capitalism through the framework of microcosm. Historically, the term microcosm has connoted a space or an object wherein the "whole" of a broader phenomenon appears within a smaller scale or significant part. In the ancient context, scholars considered human beings to be microcosms of the universe at large, thus to study and to know a single person, was to grasp the workings of the cosmos. In this frame, this conference sought to illuminate the "macrocosm" of modern global capitalism, through a number of microscopic lenses. Rather than describing the evolution and transformation of capitalism as a historical process, the conference seeks to genuinely 'rethink' the nature of the system itself by challenging some of its historical and conceptual tenets.

→ Organizer: **AMALIA RIBI-FORCLAZ**, **CAROLYN BILTOF**

## 7.3. Seminars in Environmental and Resource Economics

The aim of the seminar series in Environmental and Resource Economics is to bring top scholars in Europe to CIES to give guest lectures on their recent research or research in progress. There were 3 seminars this year with approximately 10-20 attendees per lecture.

- **ERWIN BULTE**, Professor of Development Economics, Wageningen University (NL), 'Participatory Resource Management, Elite Capture and Local Livelihoods: Experimental', 26 September 2019 .
- **DAAN VAN SOEST**, Professor of environmental economics (Department of Economics and CentER), and Academic Director of the Tillburg Sustainability Center (NL), 'Incentivizing conservation in de facto community-owned forests', 21 November 2019
- **JULIEN DAUBANES**, Assistant Professor in the Institute of Economics and Econometrics, University of Geneva (GSEM), 'Green Finance and Climate Policy', 10 October 2019



## 7.4. CIES lunch seminars

The CIES lunch seminars series is a mean for CIES researchers and external researchers to present and share research in progress. The series has also served as a way for CIES to promote itself within the Graduate Institute community. The series is organised by an interdisciplinary group of scholars. In 2019, 14 seminars were held, which were attended on average by 10-30 students and faculty.

- EVA VAN DER MAREL, PhD candidate at the Centre for the Law of the Sea, The Arctic University of Norway  
28 February 2019  
“Market Measures for Sustainable Fishing”
- DARIO PISELLI, PhD Candidate in International Law, Graduate Institute  
7 March 2019  
“Effectiveness of Partnerships for Sustainability: a Comparative Analysis of two case studies”
- ENRICO NANO, PhD Candidate in Development Economics, the Graduate Institute  
21 March 2019  
“Electrifying Nigeria: the Household-Level Impact of Access to Electricity on Consumption, Education and Employment”
- ERIC LINGBEERG, Global Plastics Policy Manager at World Wildlife Fund (WWF)  
22 March 2018  
“Global governance on marine plastic pollution: The process towards a new legally binding agreement
- COLETTE VAN DER VEN, Director, Trade and Development pro bono Program, Sidley Austin LLP  
18 April 2019  
“Catalyst or Hindrance? The link between trade policy & sustainable development”
- NOAH KITTNER, Senior researcher, Group for Sustainability and Technology, ETH Zürich  
2 May 2019  
“The future of coal passes through Kosovo”
- ROXANA MANEA, PhD candidate in Development Economics, The Graduate Institute  
16 May 2019  
“Crime in South Africa: The Intricate Role of Education”
- URS LUTERBACHER, Professor Emeritus in IR/PS, The Graduate Institute  
3 October 2019  
“Is the 2015 Paris Agreement likely to achieve its goals?”
- ANTHONY BEBBINGTON, Higgins Professor of Environment and Society, Clark University  
15 April 2019  
“Political settlements and the challenge of mining governance reform: reading across Indonesia, El Salvador and Honduras”
- PHILIPP GROSSKURTH, PhD candidate in International Economics, CIES Visiting fellow  
7 November 2019  
“Multinational enterprises and the global ownership network: an intertemporal perspective ” ”
- JAMIE FRASER, PhD Candidate in Economics, The Graduate Institute  
14 November 2019  
“Sovereign Debt Stability and the Effectiveness of Transnational Governance Regimes”
- DARIO PISELLI, PhD Candidate in International Law, Graduate Institute  
21 November 2019  
“EU Biodiversity Law and its Health Impacts”
- ROXANA MANEA, PhD candidate in Development Economics, The Graduate Institute  
28 November 2019  
“School Feeding Programmes and the Allocation of Children’s Time in Rural Malawi ”
- TIM FLANNERY, Segré Foundation Distinguished Visiting Professor  
5 December 2019  
“Forest conservation, community development and reconciliation”

## 8. Professional Training

Given its research mandate, CIES does not engage in the organisation of the Executive Education programmes.

## 9. Public Impact

CIES associated faculty members regularly intervene or are mentioned in local and international media. In 2019, CIES members were featured in the following media news:

- Luskin School of Public Affairs, 17.01.2019, Hecht Awarded Medal by American Geographical Society, Susanna Hecht, Université de Montréal, 06.02.2019,
- Transition agraire, adaptation et conflits contenus au Cambodge et au Vietnam depuis les années 1990, Christophe Gironde
- RTS, 13.03.2019, Les problèmes électriques du Venezuela, plongé dans le noir depuis cinq jours, Marc Hufty
- La Tribune de Genève, 02.05.2019, 'L'avenir du Venezuela se joue au sein de l'armée', Marc Hufty
- Vatan, 24.06.2019, "Fasulye konserveinden yılan çıktı", Christophe Gironde
- RTS info, 22.09.2019, "Jair Bolsonaro est entré en guerre contre tout le monde", Marc Hufty
- Daily Bruin, 04.10.2019, Amazon fires product of environmental policy abuses, UCLA experts explain, Susanna Hecht
- La Tribune de Genève, 22.10.2019, "Le miracle chilien cachait un monde d'inégalités", Marc Hufty
- La Tribune de Genève, 25.10.2019, Une vague de colère déferle sur l'Amérique du Sud, Marc Hufty
- L'Illustré, 30.10.2019, « C'est le résultat de trente ans de frustration », Marc Hufty
- Le Temps, 06.11.2019, Evo Morales, la fin d'un règne, Marc Hufty
- La Tribune de Genève, 12.11.2019, La chute paradoxale d'Evo Morales plonge la Bolivie dans l'inconnu, Marc Hufty
- Le Temps, 12.11.2019, La chute paradoxale d'Evo Morales plonge la Bolivie dans l'inconnu, Marc Hufty
- wissinfo, 15.11.2019, Avec l'exil d'Evo Morales, la gauche latino-américaine perd son dernier héros, Marc Hufty
- RTS, 21.11.2019, Des voix s'élèvent contre la présidente bolivienne par intérim Jeanine Anez, Marc Hufty
- La Tribune de Genève, 14.12.2019, La Terre survivra à la crise climatique. Et nous ?, Tim Flannery

## 10. Relationship with International Geneva

The CIES maintains important relationships with many organizations part of International Geneva. In 2019, CIES worked together with UN Environment, the World Intellectual Property Organization (WIPO) and the Green Growth Knowledge Platform (GGKP) to co-organize academic and policy events.

Several international organizations are also active partners into CIES research projects: WEF and UNICEF (SNIS - "Effectiveness of partnerships for advancing the SDGs", Prof Liliana Andonova); OECD and GGKP (NRP73 – "Financing clean tech", Joelle Noailly). In addition, CIES researchers are regularly approached individually to participate in panel discussions and other policy-related events.

Finally, CIES Advisory Board had the honour to welcome a new board member in 2019, Michel Jarraud, former Secretary General of the World Meteorological Organization (WMO).

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