

FINAL PROGRAM

International Workshop

Evaluating Forest Conservation Initiatives: New Tools and Policy Needs

Date: 10-12th December 2013

Location: Barcelona, Spain

Venue: UAB-Casa de Convalescència, <http://www.uab-casaconvalescencia.org/>

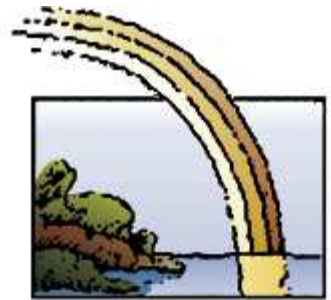
Participation: Speakers by invitation only. Limited room is available for self-funded participants; please contact Ms. Vanesa Rodríguez Osuna at: vanesa@uni-bonn.de

Organizing Team

Jan Börner (University of Bonn)
Esteve Corbera (ICTA, Universitat Autònoma de Barcelona)
Driss Ezzine de Blas (CIRAD)
Jordi Honey-Rosés (University of British Columbia)
Kathy Baylis (University of Illinois at Urbana-Champaign)
Martin Persson (Chalmers University Sweden)
Romain Pirard (IDDRI, CIFOR)
Alexander Pfaff (Duke University)
Sven Wunder (CIFOR)

Supporters

Robert Bosch **Stiftung**



E A E R E



Justification

This workshop will bring together advanced research teams and policy makers to review and discuss innovative methodological strategies to evaluate forest conservation policy instruments, such as protected areas, community forest management, payments for ecosystem services (PES) schemes, forest tenure reform, and regulatory enforcement, among others. The workshop responds to the need for:

- Improved methods for the evaluation of conservation policies.
- Improved coordination among research teams experimenting with new (including spatial) impact evaluation tools and matching estimators.
- Improved integration of quantitative and qualitative research approaches in order to link impact evaluation to an impact pathway assessment i.e. “theory-based impact evaluation”.
- A more nuanced understanding of the limits to quantitative assessments of conservation policy effectiveness when data and scale issues are considered.
- Assessing the real capacity (and limits) for new tools to generate reliable impact assessments depending on the policies under scrutiny.
- Informing forest conservation stakeholders about best practices in policy evaluation and their potential for improving conservation policy design and implementation.

Recent advances in quantitative and spatial evaluation methods have greatly improved our ability to measure the impact of conservation policies on their environmental and socio-economic dimensions (Miteva et al. 2012). In particular, matching methods are an increasingly popular empirical strategy used to quantify the impact of conservation measures by comparing forest plots subject to a conservation policy with similar control areas (Pfaff et al. 2008, Honey-Rosés, Baylis and Ramírez 2011, Gaveau et al. 2012, Alix-Garcia et al. 2012). The rapid rise in the application of rigorous methods in evaluations of environmental instruments represents new opportunities and challenges for the design of cost-effective and socially acceptable forest conservation policies. As in the development and aid sectors, for example, forest conservation programs will be under increasing scrutiny by donors if they are funded through the *Reduced Emissions from Deforestation and Forest Degradation* (REDD+) framework. The success of REDD+ related policy options and similar forest conservation schemes will hinge on their ability to demonstrate genuinely additional conservation effects.

It is thus time to intensify both the technical debate across disciplines and the science-policy dialogue on how to integrate conservation policy design and evaluation. We expect the technical debate to help push scientific boundaries with respect to evaluation design and spatially explicit analytical methods. Special attention is paid to the capacity of impact evaluation to go beyond the mere measurement of effects and to provide sound explanations of the processes leading to positive impacts. Linking this methodological debate to the concrete demand from policy makers will increase the policy relevance of future research agendas and provide opportunities to feed research results back into the policy process.

Workshop Objectives and Planned Outcomes

This workshop aims at:

1. Critically assessing the potential and limitations of innovative research on the effectiveness of conservation policy instruments.

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2. Promoting specialized exchange between research teams evaluating the impact of forest conservation policies.
3. Identifying opportunities for collaboration between research teams and selected policy makers and donor representatives.
4. Developing recommendations on how impact evaluations can be better integrated into conservation policy design and implementation.

Planned outcomes include:

- Recommendations on impact assessment of conservation initiatives (e.g., Barcelona Declaration)
- Build capacity among research teams and policy makers.
- Online documentation of key results, podcasts from participant presentations, and interviews.
- A special issue in a high-rank academic journal covering new research on evaluating conservation policy instruments.

Target audience and expected number of participants

The workshop targets individual or groups of researchers involved in ongoing research on forest conservation policy evaluation. A dozen of researchers are expected to report on new and unpublished work and should, in principle, be interested in submitting their work to the planned special journal issue.

A group of selected policy makers and donor representatives will be invited to participate in both the technical debate and a subsequent "policy-informed/informing" day open to the general public.

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Day 1 - 10th December 2013

Evaluating the effectiveness of conservation initiatives

8.00	Participants are picked-up at the Hotel Ayre Roselló Reception by a member of the Organizing Team
8:30-9:00	Registration
9:00-9:15	Welcome and introduction to workshop objectives <i>Esteve Corbera and Jan Börner</i>
<i>Moderation: Jordy Honey-Roses</i>	
9:15-10:00	Keynote address: Reconciling Rigor & Practicality: roles of context for evaluation-based policy advice <i>Alexander Pfaff, Duke University</i>
10:00-10:30	Using experiments for <i>ex-ante</i> evaluation of forest conservation initiatives <i>Arild Angelsen, Norwegian University of Life Sciences</i>
10:30-11:00	Evaluation of the Long-Term Sustainability of Land Use Change induced by Payments for Environmental Services in Quindío, Colombia <i>Stefano Pagiola, World Bank</i>
11:00-11:30	Coffee break
11:30-12:00	Can Indonesia's moratorium on new oil palm and timber concessions reduce emissions from deforestation? <i>Jonah Busch, Conservation International</i>
12:00-12:30	Measuring effectiveness, efficiency and equity in an experimental Payments for Ecosystem Services trial <i>Adrian Martin, University of East Anglia</i>
12:30-13:00	Morning plenary
13:00-14:00	Lunch
<i>Moderation: Sven Wunder</i>	
14:00-14:30	How effective are biodiversity conservation payments in Mexico? <i>Sébastien Costedoat, Universitat Autònoma de Barcelona</i>
14:30-15:00	Measuring the impact of protected areas network on land use dynamics: the Chilean case <i>Rodrigo A. Arriagada, Pontifical Catholic University of Chile</i>
15:00-15:30	What drives forest leakage? <i>Payal Shah, University of Illinois at Urbana Champaign</i>
15:30-16:00	Coffee break
16:00-16:30	Do conservation incentives increase the effectiveness of protected areas? A spatial matching analysis of the Bolsa Floresta Program in the Brazilian Amazon <i>by Elías Cisneros, University of Bonn</i>
16:30-17:00	Social and environmental impacts of FSC certification in Indonesia <i>Colby Loucks, World Wildlife Fund</i>
17:00-18:00	Afternoon plenary
Evening	Optional and informal gathering: time and location to be announced

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Day 2 - 11th December 2013

Understanding causal impact pathways in conservation initiatives

8.45	Participants are picked-up at the Hotel Ayre Roselló Reception by a member of the Organizing Team
<i>Moderation: Kathy Baylis</i>	
9:15-10:00	Keynote address: Beyond average effects: heterogeneity and causal mechanisms <i>Paul Ferraro, Georgia State University</i>
10:00-10:30	Is what is good for the forest good for the people: Evaluating the impacts of protected areas on ecosystem services and poverty in Indonesia <i>Daniela Miteva, The Nature Conservancy</i>
10:30-11:00	PES design and impact evaluation <i>Gwen Le Velly, CERDI-CNRS</i>
11:00-11:30	Coffee break
11:30-12:00	Why participate in PES? Socioeconomic impacts of Costa Rica's Program <i>Erin Sills, North Carolina State University</i>
12:00-12:30	Marine protected areas and poverty alleviation: insights from Papua, Indonesia <i>Louise Glew, World Wildlife Fund</i>
12:30-13:00	What types of investment can most cost-effectively ensure ecosystem service provision? A randomized program evaluation <i>Nigel Asquith, Fundación Natura-Bolivia</i>
13:00-14:00	Lunch
<i>Moderation: Driss Ezzine de Blas</i>	
14:00-15:00	Poster session (6-8 contributions)
15:00-15:30	Questions
15:30-16:00	Coffee break
<i>Moderation: Martin Persson</i>	
16:00-17:00	Authors from day 1 & day 2 to systematize findings, and to define possible directions for research and policy
17:00-18:00	Plenary discussion
20:00	Workshop dinner - Tapas & wine Bar del Pla www.bardelpla.cat Montcada St., 2 Closest Underground Station: Jaume I, Yellow Line

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Day 3 - 12th December 2013

Evaluating Forest Conservation Initiatives: Tools and Policy Needs

8.00	Participants are picked-up at the Hotel Ayre Roselló Reception by a member of the Organizing Team
8:30-9:00	Registration
9:00-9:15	Welcome and background information <i>Esteve Corbera and Jan Börner</i>
<i>Moderation: Esteve Corbera</i>	
9:15-10:00	A summary from the 2-day scientific workshop <i>Alexander Pfaff, Duke University</i>
10:00-11:00	Roundtable discussion: "Implementing Conservation Monitoring & Evaluation: Practical Challenges" <i>Nigel Asquith, Fundación Natura, Bolivia</i> <i>Xie Chen, State Forestry Administration, China</i> <i>Michel Masozera, Wildlife Conservation Society, Rwanda</i> <i>Juan Manuel Torres-Rojo, Centro de Investigación y Docencia Económicas, A.C., Mexico</i>
11:00-11:30	Coffee break
<i>Moderation: Renaud Lapeyre</i>	
11:30-12:30	Perspectives: "Lessons from impact evaluation in the conservation sector and beyond" <i>Madeleine Bottrill, Conservation International, USA</i> <i>Philip Davies, International Initiative for Impact Evaluation, UK</i> <i>TBD: Mark Zimsky, Global Environment Facility, USA (video link)</i>
12:30-13:00	Open discussion
13:00-14:00	Lunch + Coffee
<i>Moderation: Jan Börner</i>	
14:00-14:45	"How much impact evaluation do we really need?" Public debate with: <i>Paul Ferraro, Georgia State University, USA</i> <i>Sven Wunder, Center for International Forestry Research, Brazil</i>
14:45-16:00	Roundtable discussion: "Mainstreaming Impact Evaluation in the Conservation Sector" <i>Kathy Baylis, University of Illinois at Urbana Champaign, USA</i> <i>Madeleine Bottrill, Conservation International, USA</i> <i>Bettina Hedden-Dunkhorst, Federal Agency for Nature Conservation, Germany</i> <i>Josep Maria Mallarach, International Consultant, Spain</i> <i>Stefano Pagiola, World Bank, USA</i>
16:00-16:30	Closing speech and final remarks <i>Frederic Udina, Ivàlua President, Government of Catalonia</i>
19:30	Workshop dinner (by invitation only) - Mediterranean Menu La Gavina Restaurant www.lagavina.es Plaça Pau Vila, 1. Closest Underground Station: La Barceloneta, Yellow Line

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Venue

The workshop will be held in Barcelona, 10th-12th December, 2013, at "Casa de Convalescència", located on the historical site of the Hospital de la Santa Creu i Sant Pau.

<http://www.uab-casaconvalescencia.org>

How to get to the venue?

Underground

- Yellow line (L4) - GUINARDÓ – HOSPITAL DE SANT PAU station
- Blue line (L5) - SANT PAU – DOS DE MAIG station

By bus

- Lines: 15, 19, 20, 45, 47, 50, 51, 92 and 192.

From the airport

- Train + Underground. At the RENFE station, take the train to Sants-Estació. Once there take the Underground's blue line (L5) till SANT PAU – DOS DE MAIG station.
- Bus + Underground. Outside the airport terminal, take the AEROBUS to Plaça Catalunya. Walk one corner till Plaça Urquinaona and take the Underground's yellow line (L4) to GUINARDÓ – HOSPITAL DE SANT PAU station.

Hotel

Invited participants will stay in the **Hotel Ayre Rosellón:**

C/ Rosellón 390, 08025, Barcelona - Spain

Tel.: +34 93 600 92 00 - Fax: +34 93 6009201

Email: rosellon@ayrehoteles.com

<http://www.ayrehoteles.com/en/hotel-rosellon/>

It is a 15-minute walk from the venue. The organizers will cover accommodation costs between December 9th and 12th for invited participants. Participants arriving earlier or departing later will have to find alternative accommodation and cover the related costs.

How to get from the airport to the hotel?

By Public Transport - Get on the Barcelona Airport Transfer Bus, running every 5 minutes (AEROBUS <http://www.aerobusbcn.com/index.php/en/lines.html>), stop at Barcelona City Centre. Then go into the underground at Catalunya Metro Station and take Green Line L3 towards Montbau. Change at Diagonal station to Blue Line L5 towards Horta. Stop at Sagrada Familia station. The trip should take around 45 minutes and cost approximately 7 Euros.

Organizing Team

Kathy Baylis is an assistant professor in Agriculture and Consumer Economics at the University of Illinois. She joined the department after several years as an assistant professor at the University of British Columbia where she is still an adjunct. She earned her PhD from the University of California at Berkeley in 2003, where she specialized in agriculture and trade issues. Kathy has worked in agricultural policy in both Canada and the United States. In 2001/02, she was the staff economist in charge of agriculture for the Council of Economic Advisors in the White House, and in the mid-1990s, she worked as Executive Secretary with the National Farmers Union in Canada. She has published a number of journal articles on agricultural trade and environmental policy and has coauthored a textbook on Canadian-U.S. agricultural policy.

Jan Börner is an agricultural and environmental economist with applied research experience in Africa, Latin America, and Europe. He is a professor for economics of sustainable resource use at the Center for Development Research (University of Bonn, Germany) where he leads a research group focusing on the analysis of environmental and conservation policy tools for tropical forest conservation. As a senior associate researcher of the Centre for International Forestry Research (CIFOR) he is involved in several global research projects on REDD+ and human environment interactions.

Esteve Corbera is an environmental scientist and a senior research fellow at the Institute of Environmental Sciences and Technology (ICTA), Universitat Autònoma de Barcelona. His research focuses on the assessment of land-use management options for climate mitigation across scales, including biofuels and biodiversity conservation related instruments, such as carbon offsets and PES. He is a lead author in the 5th Assessment Report of the Intergovernmental Panel on Climate Change.

Driss Ezzine de Blas is junior researcher at CIRAD since 2008. He has a PhD on environmental economics, a degree on management of natural resources and a master on anthropology. His research focusses on impact evaluation and analysis of human-nature coupled systems. His priority fieldwork areas are tropical and subtropical countries in Latin America, Africa and South-east Asia.

Jordi Honey-Rosés is an Assistant Professor in the School of Community and Regional Planning at the University of British Columbia (UBC) in Vancouver, Canada. He received his PhD in Regional Planning from the University of Illinois at Urbana-Champaign, and holds undergraduate degrees from the University of California, Berkeley and a Masters in Public Policy from the Harvard Kennedy School.

Martin Persson currently holds an Assistant Professor position at Physical Resource Theory, Chalmers University of Technology. His research focuses on global land use issues, particularly environmental and socio-economic impacts of a large-scale expansion of biomass, global land use linkages, and climate and forest conservation policies. He has been a Visiting Scholar at the Tropical Agricultural Research and Higher Education Center (CATIE) in Costa Rica (2010-2011) and at the Department for Environmental Earth System Science (EESS) at Stanford University in USA (2011-2012).

Romain Pirard is an environmental economist who has worked on the dynamics of tropical deforestation and the design of related public policies for several institutions, including IDDRI, the World Bank, CIRAD and CERDI. He coordinated a European project on

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market-based instruments for biodiversity and economic services, economic valuations and their effective use for decision-making between 2011-2012 and he joined CIFOR in 2013 to work in the Forests and Governance program.

Alexander Pfaff is an associate professor of public policy, economics and environment at Duke University's Sanford Institute of Public Policy. He is an environment and natural-resource economist whose work frequently focuses on developing countries. His current research examines the impacts of roads, protected areas and payments for ecosystem services on deforestation (Brazilian Amazon, Costa Rica, Mexico); what drives decisions that lower harmful exposures, such as to indoor emissions (Pakistan, Tanzania, Ghana) and arsenic in drinking water (Bangladesh); how households respond to climate and water shocks in daily production decisions and when faced with new tradeoffs by water policies (N.E. Brazil); and how regulators might shift the incentives for firms to provide environmental information.

Sven Wunder is a Senior Economist in the Livelihoods Programme of the Center for International Forestry Research (CIFOR). His research includes areas such as payments for environmental services, deforestation, and poverty. Previously, he has worked for IUCN, the Centre for Development Research in Denmark and Danida. He holds a PhD in Economics from the University of Copenhagen and a DSc in Forestry from the Royal Veterinary and Agricultural University in Copenhagen in 2001.

Supporting Literature

- Alix-Garcia, J. M., E. N. Shapiro, and K. R. E. Sims. 2012. Forest Conservation and Slippage: Evidence from Mexico's National Payments for Ecosystem Services Program. *Land Economics* 88 :613-638.
- Gaveau, D. L. A., L. M. Curran, G. D. Paoli, K. M. Carlson, P. Wells, and D. Ratnasari. 2012. Examining protected area effectiveness in Sumatra: importance of regulations governing unprotected lands. *Conservation Letters* 5:142-148.
- Honey-Rosés, J., K. Baylis, and M. I. Ramirez. 2011. A Spatially Explicit Estimate of Avoided Forest Loss. *Conservation Biology* 25:1032-1043.
- Miteva, D.A., S.K. Pattanayak, P.J., Ferraro. 2012. Evaluation of biodiversity policy instruments: what works and what doesn't? *Oxford Review of Economic Policy* 28: 69-92.
- Pfaff, A., G. A. Sanchez-Azofeifa, and J. A. Robalino. 2008. Payments for Environmental Services: Empirical analysis for Costa Rica Payments for Environmental Services: Empirical analysis for Costa Rica.
- White, H. (2009). Theory-based impact evaluation: principles and practice. *Journal of development effectiveness* 1(3): 271-284.