




Eric Lambin

George and Setsuko Ishiyama Provostial Professor and Senior Fellow at the Woods Institute for the Environment

Earth System Science

 Resume available Online

Bio

BIO

Eric Lambin, a geographer and environmental scientist, divides his time between the Université catholique de Louvain (Louvain-la-Neuve, Belgium) and Stanford University, where he occupies the Ishiyama Provostial Professorship at the School of Earth, Energy & Environmental Sciences and the Woods Institute for the Environment. His research tries to better understand causes and impacts of land use changes in different parts of the world. He was Chair of the international scientific project Land Use and Land Cover Change (LUCC) from 1999 to 2005. He was awarded the 2009 Francqui Prize, the 2014 Volvo Environment Prize, the 2019 Blue Planet Prize, and is Foreign Associate at the U.S. National Academy of Sciences. His current research tries to understand how globalization affects global land use, and how private and public regulations of land use interact to promote more sustainable land use practices.

ACADEMIC APPOINTMENTS

- Professor, Earth System Science
- Senior Fellow, Stanford Woods Institute for the Environment
- Faculty Affiliate, Institute for Human-Centered Artificial Intelligence (HAI)

ADMINISTRATIVE APPOINTMENTS

- George and Setsuko Ishiyama Provostial Professor, Stanford University, (2010- present)
- Fellow, Center for Advanced Studies in the Behavioral Sciences, Stanford University, (2002-2003)
- Professor, University of Louvain, Belgium, (1995- present)
- Expert, Joint Research Center (Ispra, Italy), European Commission, (1993-1995)
- Assistant professor, Boston University, (1991-1993)

HONORS AND AWARDS

- Member of the Group of Chief Scientific Advisors, European Commission (2021)
- Blue Planet Prize, Asahi Glass Foundation, Japan (2019)
- Beijer Fellow, Beijer Institute of Ecological Economics, The Royal Swedish Academy of Sciences, Stockholm, Sweden (2016)
- Honorary degree “Doctor rerum naturalium honoris causa”, Faculty of Mathematics and Natural Sciences, Humboldt-Universität zu Berlin, Germany (2016)
- Highly Cited Researcher, Thomson Reuters (2014)
- Volvo Environment Prize, Volvo Environment Prize Foundation, The Royal Swedish Academy of Sciences (2014)
- Fellow, European Academy of Sciences (2010)
- Member, Academia Europaea (2010)
- Prix du livre Environnement pour “Une Ecologie du Bonheur”, Veolia (2010)

- Foreign Associate, U.S. National Academy of Sciences (2009)
- Francqui prize in Sciences, Francqui Foundation (2009)
- Membre, Académie Royale des sciences, des lettres & des beaux-arts de Belgique (2006)
- Chair, Land-Use & Land-Cover Change (LUCC) project of the IGBP and IHDP (1999 - 2005)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Academic Advisory Council of Voluntary Sustainability Standards, United Nations Forum on Sustainability Standards (2021 - present)
- Member of the Editorial Board, Global Sustainability (2016 - present)
- Member of the Board of Directors, Beijer Institute of Ecological Economics, Stockholm (2011 - 2017)
- Review Editor, Global Assessment of Biodiversity and Ecosystem Services Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) (2017 - 2018)
- Member of the Research Council, University of Louvain (2006 - 2009)
- Co-Chair of Department, Environmental Earth System Science, Stanford University (2013 - 2016)
- Member of the Editorial Board, Global Environmental Change (2004 - 2015)
- Member of the External Advisory Board, National Socio-Environmental Synthesis Center (SESYNC), USA (2012 - 2013)
- Associate Editor, Ecology and Society: A journal of integrative science for resilience and sustainability (2005 - present)
- Member of the Steering Committee, Global Terrestrial Observing System (2005 - 2010)
- Member of the Science Advisory Committee, International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria (2004 - 2011)
- Member of the Editorial Board, Frontiers in Ecology and the Environment (2002 - 2006)
- Member of the Editorial Board, Ecosystems (2001 - 2004)
- Chair of Department, Geography and Geology, University of Louvain (2000 - 2003)

PROGRAM AFFILIATIONS

- Center for East Asian Studies

PROFESSIONAL EDUCATION

- PhD, University of Louvain, Belgium , Sciences, Geography (1988)
- M.S., University of Louvain, Belgium , Geography (1985)
- B.A., University of Louvain, Belgium , Philosophy (1985)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My research aims at better understanding the causes and impacts of land use changes both globally and in ‘hot spots’ of environmental change. I work at the interface between natural and social sciences. I am conducting a number of land system change studies in different parts of the world using methods that link remote sensing data with socio-economic data. My research reveals cross-scale dynamics causing tropical deforestation, forest transitions, and dryland degradation. My research is focused on solutions for sustainable land use and has implications for land use governance.

My research uses original approaches to link geo-referenced socio-economic data with biophysical data to better understand the causes of land use change and their impacts on ecosystem attributes. Methods linking “people to pixels” (i.e., joint statistical analysis of fine resolution remote sensing data with geo-referenced, detailed household survey data) allow for a spatial disaggregation of land use studies at the level of decision-making agents. This has led to a new understanding of the complexity of land change processes. My research also investigates human and ecosystem responses to land change. Social and ecological feedbacks of land use change are sources of non-linear dynamics and land-use transitions. With my research team, we conduct detailed analyses of the main cases of contemporary forest transitions,

whereby a country shifts from net deforestation to net reforestation. Our research on Vietnam, Bhutan, Chile, Costa Rica provided a rich understanding of how to “bend the curve” in land use. Several generic pathways leading to forest transitions were identified.

This research on forest transitions also revealed something quite unexpected: all countries that protected their forests and reversed deforestation simultaneously increased their imports of wood and agricultural products from other countries. They were thus all off-shoring their deforestation to other countries by displacing their land use beyond their borders. This latter discovery led to new research projects on the link between economic globalization and land use, which is now referred to as “telecoupling”.

A major policy implication of these findings is that national land use policies alone were not sufficient to achieve global forest conservation, given a leakage (or geographic displacement) of land use change to other places. The next logical step was thus to analyze how the governance of global supply chains in agricultural and forestry products could lead to more sustainable land use. With my team, we then conducted a series of evaluations of the effectiveness of eco-certification schemes and sustainable sourcing commitments by the private sector. These were among the very first studies analyzing empirically, using the most rigorous methods, the impact of supply chain interventions on land use. One of the key finding was that the effectiveness of a private governance of land use depends on supportive public policies. One of our current contributions is thus to analyze systematically the interactions between governments, NGOs, and companies for the design and implementation of interventions for sustainable land use.

I have supervised many PhD students and postdocs, with 32 PhDs completed so far under my supervision, and five current PhD students. Many of my past graduate students have become highly productive scholars in top universities. Others occupy key science or policy positions.

Teaching

COURSES

2022-23

- FOOD CONSUMPTION & PRODUCTION: OSPPARIS 66 (Win)

2021-22

- Designing Environmental Research: ENVRES 320 (Win)
- From Freshwater to Oceans to Land Systems: An Earth System Perspective to Global Challenges: ESS 306 (Win)

2020-21

- Analyzing land use in a globalized world: ESS 170, ESS 270 (Spr)
- From Freshwater to Oceans to Land Systems: An Earth System Perspective to Global Challenges: ESS 306 (Win)
- Poverty, Infrastructure and Climate: CEE 265I, ESS 264 (Spr)

2019-20

- Analyzing land use in a globalized world: ESS 170, ESS 270 (Spr)
- From Freshwater to Oceans to Land Systems: An Earth System Perspective to Global Challenges: ESS 306 (Win)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Gus Greenstein

Doctoral Dissertation Advisor (AC)

Marius von Essen

Master's Program Advisor

Sheila Cochrane

Doctoral (Program)

Marius von Essen

Publications

PUBLICATIONS

- **How do companies implement their zero-deforestation commitments** *JOURNAL OF CLEANER PRODUCTION*
Bager, S. L., Lambin, E. F.
2022; 375
- **Landowner decisions regarding utility-scale solar energy on working lands: a qualitative case study in California** *ENVIRONMENTAL RESEARCH COMMUNICATIONS*
Buckley Biggs, N., Shivaram, R., Acuna Lacarieri, E., Varkey, K., Hagan, D., Young, H., Lambin, E. F.
2022; 4 (5)
- **Agents of Forest Disturbance in the Argentine Dry Chaco** *REMOTE SENSING*
De Marzo, T., Ignacio Gasparri, N., Lambin, E. F., Kuemmerle, T.
2022; 14 (7)
- **Deep Learning Segmentation of Satellite Imagery Identifies Aquatic Vegetation Associated with Snail Intermediate Hosts of Schistosomiasis in Senegal, Africa** *REMOTE SENSING*
Liu, Z., Chamberlin, A. J., Tallam, K., Jones, I. J., Lamore, L. L., Bauer, J., Bresciani, M., Wolfe, C. M., Casagrandi, R., Mari, L., Gatto, M., Diongue, A., Toure, et al
2022; 14 (6)
- **Ten facts about land systems for sustainability.** *Proceedings of the National Academy of Sciences of the United States of America*
Meyfroidt, P., de Bremond, A., Ryan, C. M., Archer, E., Aspinall, R., Chhabra, A., Camara, G., Corbera, E., DeFries, R., Diaz, S., Dong, J., Ellis, E. C., Erb, et al
2022; 119 (7)
- **Effectiveness of community forests for forest conservation in Nan province, Thailand** *JOURNAL OF LAND USE SCIENCE*
Agarwal, S., Sairorkham, B., Sakitram, P., Lambin, E. F.
2022; 17 (1): 307-323
- **Commentary: Policy challenges for global land use** *GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS*
Lambin, E. F., Turner Ii, B. L., Nyakundi, F.
2021; 71
- **Policy sequencing to reduce tropical deforestation** *GLOBAL SUSTAINABILITY*
Furumo, P. R., Lambin, E. F.
2021; 4
- **Characterizing forest disturbances across the Argentine Dry Chaco based on Landsat time series** *INTERNATIONAL JOURNAL OF APPLIED EARTH OBSERVATION AND GEOINFORMATION*
De Marzo, T., Pflugmacher, D., Baumann, M., Lambin, E. F., Gasparri, I., Kuemmerle, T.
2021; 98
- **Sustainability of the global sand system in the Anthropocene** *ONE EARTH*
Torres, A., Simoni, M. U., Keiding, J. K., Muller, D. B., zu Ermgassen, S. E., Liu, J., Jaeger, J. G., Winter, M., Lambin, E. F.
2021; 4 (5): 639-650
- **Author Correction: Oil palm expansion and deforestation in Southwest Cameroon associated with proliferation of informal mills.** *Nature communications*
Ordway, E. M., Naylor, R. L., Nkongho, R. N., Lambin, E. F.
2021; 12 (1): 2270
- **From land-use/land-cover to land system science : This article belongs to Ambio's 50th Anniversary Collection. Theme: Agricultural land use.** *Ambio*

-
- Turner, B. L., Lambin, E. F., Verburg, P. H.
2021
- **Institutional changes drive land use transitions on rangelands: The case of grazing on public lands in the American West** *GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS*
Swette, B., Lambin, E. F.
2021; 66
 - **Payments for ecosystem services within the hybrid governance model: evaluating policy alignment and complementarity on California rangelands** *Ecology & Society*
Buckley Biggs, N., Hafner, J., Mashiri, F., Huntsinger, L., Lambin, E.
2021; 26 (1)
 - **Jurisdictional approaches to sustainable resource use** *Frontiers in Ecology and the Environment*
von Essen, M., Lambin, E. F.
2021
 - **Climate predicts geographic and temporal variation in mosquito-borne disease dynamics on two continents.** *Nature communications*
Caldwell, J. M., LaBeaud, A. D., Lambin, E. F., Stewart-Ibarra, A. M., Ndenga, B. A., Mutuku, F. M., Krystosik, A. R., Ayala, E. B., Anyamba, A., Borbor-Cordova, M. J., Damoah, R., Grossi-Soyster, E. N., Heras, et al
2021; 12 (1): 1233
 - **Sustainability strategies by companies in the global coffee sector** *BUSINESS STRATEGY AND THE ENVIRONMENT*
Bager, S. L., Lambin, E. F.
2020
 - **Scaling up Solutions for a Sustainability Transition** *ONE EARTH*
Lambin, E. F., Kim, H., Leape, J., Lee, K.
2020; 3 (1): 89-96
 - **Adolescents' Health Perceptions of Natural American Spirit's On-the-Pack Eco-Friendly Campaign.** *The Journal of adolescent health : official publication of the Society for Adolescent Medicine*
Epperson, A. E., Wong, S., Lambin, E. F., Henriksen, L., Baiocchi, M., Flora, J. A., Prochaska, J. J.
2020
 - **Impacts of Chilean forest subsidies on forest cover, carbon and biodiversity** *NATURE SUSTAINABILITY*
Heilmayr, R., Echeverria, C., Lambin, E. F.
2020
 - **Improving smallholder livelihoods and ecosystems through direct trade relations: High-quality cocoa producers in Ecuador** *BUSINESS STRATEGY AND DEVELOPMENT*
Middendorp, R. S., Boever, O., Rueda, X., Lambin, E. F.
2020; 3 (2): 165-84
 - **Scaling up zero-deforestation initiatives through public-private partnerships: A look inside post-conflict Colombia** *GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS*
Furumo, P. R., Lambin, E. F.
2020; 62
 - **Habitat fragmentation, livelihood behaviors, and contact between people and nonhuman primates in Africa** *LANDSCAPE ECOLOGY*
Bloomfield, L. P., McIntosh, T. L., Lambin, E. F.
2020
 - **Social dimensions of fertility behavior and consumption patterns in the Anthropocene.** *Proceedings of the National Academy of Sciences of the United States of America*
Barrett, S., Dasgupta, A., Dasgupta, P., Adger, W. N., Anderies, J., van den Bergh, J., Bledsoe, C., Bongaarts, J., Carpenter, S., Chapin, F. S., Crepin, A., Daily, G., Ehrlich, et al
2020
 - **An invitation for more research on transnational corporations and the biosphere.** *Nature ecology & evolution*

Folke, C. n., Österblom, H. n., Jouffray, J. B., Lambin, E. F., Adger, W. N., Scheffer, M. n., Crona, B. I., Nyström, M. n., Levin, S. A., Carpenter, S. R., Anderies, J. M., Chapin, S. n., Crépin, et al

2020

- **Transnational corporations and the challenge of biosphere stewardship.** *Nature ecology & evolution*
Folke, C., Osterblom, H., Jouffray, J., Lambin, E. F., Adger, W. N., Scheffer, M., Crona, B. I., Nystrom, M., Levin, S. A., Carpenter, S. R., Anderies, J. M., Chapin, S. 3., Crepin, et al
2019
- **The Restructuring of South American Soy and Beef Production and Trade Under Changing Environmental Regulations** *WORLD DEVELOPMENT*
de Waroux, Y., Garrett, R. D., Graesser, J., Nolte, C., White, C., Lambin, E. F.
2019; 121: 188–202
- **Health Beliefs of American Indian Imagery on Natural American Spirit Packs** *TOBACCO REGULATORY SCIENCE*
Epperson, A. E., Henriksen, L., Lambin, E. F., Prochaska, J. J., Flora, J. A.
2019; 5 (4): 369–80
- **Lack of association between deforestation and either sustainability commitments or fines in private concessions in the Peruvian Amazon** *FOREST POLICY AND ECONOMICS*
Anderson, C. M., Asner, G. P., Lambin, E. F.
2019; 104: 1–8
- **Governing flows in telecoupled land systems** *CURRENT OPINION IN ENVIRONMENTAL SUSTAINABILITY*
Munroe, D. K., Batistella, M., Friis, C., Gasparri, N., Lambin, E. F., Liu, J., Meyfroidt, P., Moran, E., Nielsen, J.
2019; 38: 53–59
- **Geographical heterogeneity in mountain grasslands dynamics in the Austrian-Italian Tyrol region** *APPLIED GEOGRAPHY*
Hinojosa, L., Tasser, E., Ruedisser, J., Leitinger, G., Schermer, M., Lambin, E. F., Tappeiner, U.
2019; 106: 50–59
- **Oil palm expansion and deforestation in Southwest Cameroon associated with proliferation of informal mills** *NATURE COMMUNICATIONS*
Ordway, E. M., Naylor, R. L., Nkongho, R. N., Lambin, E. F.
2019; 10
- **Natural American Spirit's pro-environment packaging and perceptions of reduced-harm cigarettes.** *Preventive medicine*
Epperson, A. E., Lambin, E. F., Henriksen, L. n., Baiocchi, M. n., Flora, J. A., Prochaska, J. J.
2019: 105782
- **Overlapping land allocations reduce deforestation in Peru** *LAND USE POLICY*
Anderson, C. M., Asner, G. P., Llactayo, W., Lambin, E. F.
2018; 79: 174–78
- **The demise of caterpillar fungus in the Himalayan region due to climate change and overharvesting** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Hopping, K. A., Chignell, S. M., Lambin, E. F.
2018; 115 (45): 11489–94
- **Impacts of shaded agroforestry management on carbon sequestration, biodiversity and farmers income in cocoa production landscapes** *LANDSCAPE ECOLOGY*
Middendorp, R. S., Vanacker, V., Lambin, E. F.
2018; 33 (11): 1953–74
- **Middle-range theories of land system change** *GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS*
Meyfroidt, P., Chowdhury, R., de Bremond, A., Ellis, E. C., Erb, K., Filatova, T., Garrett, R. D., Grove, J. M., Heinimann, A., Kuemmerle, T., Kull, C. A., Lambin, E. F., Landon, et al
2018; 53: 52-67
- **Intensification in agriculture-forest frontiers: Land use responses to development and conservation policies in Brazil** *GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS*
Garrett, R. D., Koh, I., Lambin, E. F., de Waroux, Y., Kastens, J. H., Brown, J. C.
2018; 53: 233–43

- **Europe's renewable energy directive poised to harm global forests** *NATURE COMMUNICATIONS*
Searchinger, T. D., Beringer, T., Holtzmark, B., Kammen, D. M., Lambin, E. F., Lucht, W., Raven, P., van Ypersele, J.
2018; 9: 3741
- **Challenges in Attributing Avoided Deforestation to Policies and Actors: Lessons From Provincial Forest Zoning in the Argentine Dry Chaco** *ECOLOGICAL ECONOMICS*
Nolte, C., Gobbi, B., de Waroux, Y., Piquer-Rodriguez, M., Butsic, V., Lambin, E. F.
2018; 150: 346–52
- **Impact of land-use zoning for forest protection and production on forest cover changes in Bhutan** *APPLIED GEOGRAPHY*
Bruggeman, D., Meyfroidt, P., Lambin, E. F.
2018; 96: 153–65
- **Constraints to farming in the Mediterranean Alps: Reconciling environmental and agricultural policies** *LAND USE POLICY*
Hinojosa, L., Lambin, E. F., Mzoughi, N., Napoleone, C.
2018; 75: 726–33
- **Companies' contribution to sustainability through global supply chains** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Thorlakson, T., de Zegher, J. F., Lambin, E. F.
2018; 115 (9): 2072–77
- **The role of supply-chain initiatives in reducing deforestation** *NATURE CLIMATE CHANGE*
Lambin, E. F., Gibbs, H. K., Heilmayr, R., Carlson, K. M., Fleck, L. C., Garrett, R. D., de Waroux, Y., McDermott, C. L., McLaughlin, D., Newton, P., Nolte, C., Pacheco, P., Rausch, et al
2018; 8 (2): 109–16
- **Smallholders at a Crossroad: Intensify or Fall behind? Exploring Alternative Livelihood Strategies in a Globalized World** *BUSINESS STRATEGY AND THE ENVIRONMENT*
Rueda, X., Paz, A., Gibbs-Plessl, T., Leon, R., Moyano, B., Lambin, E. F.
2018; 27 (2): 215–29
- **Improving environmental practices in agricultural supply chains: The role of company-led standards** *GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS*
Thorlakson, T., Hainmueller, J., Lambin, E. F.
2018; 48: 32–42
- **Sustainability Standards: Interactions Between Private Actors, Civil Society, and Governments** *ANNUAL REVIEW OF ENVIRONMENT AND RESOURCES, VOL 43*
Lambin, E. F., Thorlakson, T., Gadgil, A., Tomich, T. P.
2018; 43: 369–93
- **Smallholder telecoupling and potential sustainability** *ECOLOGY AND SOCIETY*
Zimmerer, K. S., Lambin, E. F., Vanek, S. J.
2018; 23 (1)
- **Oil palm expansion in Cameroon: Insights into sustainability opportunities and challenges in Africa** *GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS*
Ordway, E. M., Naylor, R. L., Nkongho, R. N., Lambin, E. F.
2017; 47: 190–200
- **Cash for carbon: A randomized trial of payments for ecosystem services to reduce deforestation** *SCIENCE*
Jayachandran, S., De laet, J., Lambin, E. F., Stanton, C. Y., Audy, R., Thomas, N. E.
2017; 357 (6348): 267–73
- **A global, spatially-explicit assessment of irrigated croplands influenced by urban wastewater flows** *ENVIRONMENTAL RESEARCH LETTERS*
Thebo, A. L., Drechsel, P., Lambin, E. F., Nelson, K. L.
2017; 12 (7)
- **Interacting effects of land use and climate on rodent-borne pathogens in central Kenya** *PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*

Young, H. S., McCauley, D. J., Dirzo, R., Nunn, C. L., Campana, M. G., Agwanda, B., Otarola-Castillo, E. R., Castillo, E. R., Pringle, R. M., Veblen, K. E., Salkeld, D. J., Stewardson, K., Fleischer, et al
2017; 372 (1722)

- **Decentralized Land Use Zoning Reduces Large-scale Deforestation in a Major Agricultural Frontier** *ECOLOGICAL ECONOMICS*
Nolte, C., Gobbi, B., de Waroux, Y. I., Piquer-Rodriguez, M., Butsic, V., Lambin, E. F.
2017; 136: 30-40
- **Deforestation risk due to commodity crop expansion in sub-Saharan Africa** *ENVIRONMENTAL RESEARCH LETTERS*
Ordway, E. M., Asner, G. P., Lambin, E. F.
2017; 12 (4)
- **Conditions influencing the adoption of effective anti-deforestation policies in South America's commodity frontiers** *GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS*
Nolte, C., de Waroux, Y. I., Munger, J., Reis, T. N., Lambin, E. F.
2017; 43: 1-14
- **Unexpected Interactions between Agricultural and Forest Sectors through International Trade: Wood Pallets and Agricultural Exports in Costa Rica** *LAND*
Jadin, I., Meyfroidt, P., Zamora Pereira, J., Lambin, E. F.
2017; 6 (1)
- **The Challenges of Applying Planetary Boundaries as a Basis for Strategic Decision-Making in Companies with Global Supply Chains** *SUSTAINABILITY*
Clift, R., Sim, S., King, H., Chenoweth, J. L., Christie, I., Clavreul, J., Mueller, C., Posthuma, L., Boulay, A., Chaplin-Kramer, R., Chatterton, J., DeClerck, F., Druckman, et al
2017; 9 (2)
- **Corporate investments in supply chain sustainability: Selecting instruments in the agri-food industry** *JOURNAL OF CLEANER PRODUCTION*
Rueda, X., Garrett, R. D., Lambin, E. F.
2017; 142: 2480-2492
- **Place attachment as a factor of mountain farming permanence: A survey in the French Southern Alps** *ECOLOGICAL ECONOMICS*
Hinojosa, L., Lambin, E. F., Mzoughi, N., Napoleone, C.
2016; 130: 308-315
- **A plantation-dominated forest transition in Chile** *APPLIED GEOGRAPHY*
Heilmayr, R., Echeverria, C., Fuentes, R., Lambin, E. F.
2016; 75: 71-82
- **The potential to restore native woody plant richness and composition in a reforesting landscape: a modeling approach in the Ecuadorian Andes** *LANDSCAPE ECOLOGY*
Middendorp, R. S., Perez, A. J., Molina, A., Lambin, E. F.
2016; 31 (7): 1581-1599
- **Land-use policies and corporate investments in agriculture in the Gran Chaco and Chiquitano** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
de Waroux, Y. I., Garrett, R. D., Heilmayr, R., Lambin, E. F.
2016; 113 (15): 4021-4026
- **The "mountain effect" in the abandonment of grasslands: Insights from the French Southern Alps** *AGRICULTURE ECOSYSTEMS & ENVIRONMENT*
Hinojosa, L., Napoleone, C., Moulery, M., Lambin, E. F.
2016; 221: 115-124
- **International trade, and land use intensification and spatial reorganization explain Costa Rica's forest transition (vol 11, 035005, 2016)** *ENVIRONMENTAL RESEARCH LETTERS*
Jadin, I., Meyfroidt, P., Lambin, E. F.
2016; 11 (4)
- **Impacts of nonstate, market-driven governance on Chilean forests** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Heilmayr, R., Lambin, E. F.

2016; 113 (11): 2910-2915

- **International trade, and land use intensification and spatial reorganization explain Costa Rica's forest transition** *ENVIRONMENTAL RESEARCH LETTERS*
Jadin, I., Meyfroidt, P., Lambin, E. F.
2016; 11 (3)
- **Socio-environmental sustainability of indigenous lands: simulating coupled human-natural systems in the Amazon** *FRONTIERS IN ECOLOGY AND THE ENVIRONMENT*
Iwamura, T., Lambin, E. F., Silvius, K. M., Luzar, J. B., Fragoso, J. V.
2016; 14 (2): 77-83
- **Forest cover changes in Bhutan: Revisiting the forest transition** *APPLIED GEOGRAPHY*
Bruggeman, D., Meyfroidt, P., Lambin, E. F.
2016; 67: 49-66
- **Forest protection and economic development by offshoring wood extraction: Bhutan's clean development path** *REGIONAL ENVIRONMENTAL CHANGE*
Jadin, I., Meyfroidt, P., Lambin, E. F.
2016; 16 (2): 401-415
- **"I know, therefore I adapt?" Complexities of individual adaptation to climate-induced forest dieback in Alaska** *ECOLOGY AND SOCIETY*
Oakes, L. E., Ardoin, N. M., Lambin, E. F.
2016; 21 (2)
- **Reply to Levine-Schnur: Decisions to deforest illegally are influenced by fines and their perceived enforcement probability.** *Proceedings of the National Academy of Sciences of the United States of America*
le Polain de Waroux, Y. n., Garrett, R. D., Heilmayr, R. n., Lambin, E. F.
2016; 113 (25): E3469
- **Conservation in a social-ecological system experiencing climate-induced tree mortality** *BIOLOGICAL CONSERVATION*
Oakes, L. E., Hennon, P. E., Ardoin, N. M., D'Amore, D. V., Ferguson, A. J., Steel, E. A., Wittwer, D. T., Lambin, E. F.
2015; 192: 276-285
- **Ecosystem service information to benefit sustainability standards for commodity supply chains.** *Annals of the New York Academy of Sciences*
Chaplin-Kramer, R., Jonell, M., Guerry, A., Lambin, E. F., Morgan, A. J., Pennington, D., Smith, N., Franch, J. A., Polasky, S.
2015; 1355 (1): 77-97
- **Disease Risk & Landscape Attributes of Tick-Borne Borrelia Pathogens in the San Francisco Bay Area, California** *PLOS ONE*
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