

Bio-bibliography

Robert Heilmayr
Assistant Professor V
University of California, Santa Barbara

Filed on: June 30, 2023
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This update refers to the period: July 1, 2021 to June 30, 2023

Curriculum vitae

Education

Stanford University, Ph.D., Environment and Resources, 2016
Stanford University, M.A., Economics, 2014
Claremont McKenna College, B.A., Environmental Studies, Economics and Politics; Politics, Philosophy and Economics, 2006

Areas of specialization

Environmental economics; Ecological economics; Land system science; Remote sensing; Geography; Conservation biology

Academic appointments

2017 - Present, Assistant Professor, University of California, Santa Barbara, Bren School of Environmental Science and Management
2016 - Present, Assistant Professor, University of California, Santa Barbara, Environmental Studies Program
2016, Postdoctoral Fellow, University of Hawaii, Mānoa, Department of Natural Resources and Environmental Management

Professional organizations

American Economic Association
Association of Environmental and Resource Economists
Global Land Programme

Part I. Research

Cumulative list of publications

N.	Year	Title and authors	Publisher	Category
1	2008	“Analysis of the legal and organisational issues arising in linking the EU Emissions Trading Scheme to other existing and emerging emissions trading schemes”, MJ Mace, Ilona Millar, Christoph Schwarte, Jason Anderson, Derik Broekhoff, Robert Bradley, Catherine Bowyer and Robert Heilmayr	Foundation for International Environmental Law and Development, Institute for European Environmental Policy, World Resources Institute	Report
2	2008	“A Comparison of Legislative Climate Change Targets in the 110th Congress”, John Larsen and Robert Heilmayr	World Resources Institute	Report
3	2008	<i>Leveling the Carbon Playing Field: International Competition and U.S. Climate Policy Design</i> , Trevor Houser, Rob Bradley, Britt Childs, Jake Werksman and Robert Heilmayr	Peterson Institute for International Economics and World Resources Institute	Book
4	2009	“Emissions reductions under the American Clean Energy and Security Act”, John Larsen and Robert Heilmayr	World Resources Institute	Report
5	2009	“Climate Policy and Industrial Competitiveness: Ten Insights from Europe on the EU Emissions Trading System”, Michael Grubb, Thomas Brewer, Misato Sato, Robert Heilmayr and Dora Fazekas	German Marshall Fund	Report
6	2009	“A Green Global Recovery? Assessing US Economic Stimulus and the Prospects for International Coordination”, Trevor Houser, Shashank Mohan and Robert Heilmayr	Peterson Institute for International Economics and World Resources Institute	Report
7	2009	“China, the United States, and the Climate Change Challenge”, Deborah Seligsohn, Robert Heilmayr, Xiaomei Tan and Lutz Weischer	World Resources Institute	Report
8	2011	“Effective, efficient or equitable: using allowance allocations to mitigate emissions leakage” Robert Heilmayr and James Bradbury	<i>Climate Policy</i> , 11 (4): 1113-1130	Peer-reviewed article
9	2012	“Changes in Impacts of Climate Extremes: Human Systems and Ecosystems” in Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation” John Handmer et al.	<i>Intergovernmental Panel on Climate Change</i>	Book chapter
10	2014	“Conservation through intensification? The effects of plantations on natural forests” Robert Heilmayr	<i>Ecological Economics</i> , 105: 204–10.	Peer-reviewed article

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N.	Year	Title and authors	Publisher	Category
11	2016	“Impacts of Nonstate, Market-Driven Governance on Chilean Forests” Robert Heilmayr and Eric F. Lambin	<i>Proceedings of the National Academy of Sciences</i> , 113 (11): 2910–15	Peer-reviewed article
12	2016	“Land-Use Policies and Corporate Investments in Agriculture in the Gran Chaco and Chiquitano” Yann le Polain de Waroux, Rachael D. Garrett, Robert Heilmayr and Eric F. Lambin	<i>Proceedings of the National Academy of Sciences</i> , 113 (15): 4021–26	Peer-reviewed article
13	2016	“Reply to Levine-Schnur: Decisions to deforest illegally are influenced by fines and their perceived enforcement probability” Yann le Polain de Waroux, Rachael D. Garrett, Robert Heilmayr and Eric F. Lambin	<i>Proceedings of the National Academy of Sciences</i> , 113 (25): E3469	Reply
14	2016	“A plantation dominated forest transition in Chile” Robert Heilmayr, Cristian Echeverría, Rodrigo Fuentes and Eric F. Lambin	<i>Applied Geography</i> , 75: 71–82	Peer-reviewed article
15	2018	“Effect of oil palm sustainability certification on deforestation and fire in Indonesia” Kimberly M. Carlson [†] , Robert Heilmayr [†] , Holly K. Gibbs, Praveen Noojipady, David Burns, Douglas C. Morton, Nathalie F. Walker, Gary D. Paoli and Claire Kremen	<i>Proceedings of the National Academy of Sciences</i> , 115 (1): 121–26	Peer-reviewed article
16	2018	“Climate Teams: A New Model for Investor-Host Climate Cooperation in International cooperation in East Asia to address climate change” Suzi Kerr, Ruben Lubowski and Robert Heilmayr	Harvard Project on Climate Agreements	Policy brief
17	2018	“The role of supply-chain initiatives in reducing deforestation” Eric F. Lambin, Holly K. Gibbs, Robert Heilmayr, Kimberly M. Carlson, Leonardo Fleck, Rachael D. Garrett, Yann le Polain de Waroux, Constance McDermott, David McLaughlin, Peter Newton, Christoph Nolte, Charlotte Streck, Tannis Thorlakson, Nathalie F. Walker	<i>Nature Climate Change</i> , 8 (2): 109	Peer-reviewed article
18	2018	“Navigating novelty and risk in resilience management” Joan Dudley, Richard J. Hobbs, Robert Heilmayr, John J. Battles and Katherine N. Suding	<i>Trends in Ecology & Evolution</i> , 33 (11): 863–73	Peer-reviewed article

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N.	Year	Title and authors	Publisher	Category
19	2018	“Inequality and the biosphere” Maike Hamann, Kevin Berry, Amir Jina, Tomas Chaigneau, Tracie Curry, Robert Heilmayr, Patrik Henriksson, Jonas H. Sundberg, Emelie Lindkvist, Yolanda Lopez-Maldonado, Emmi Nieminen, Matías Piaggio, Jiangxiao Qui, Juan-Carlos Rocha, Caroline Schill, Alon Shepon, Andrew Tilman, Inge van der Bijgaart, Tong Wu	<i>Annual Review of Environment and Resources</i> , 43 (1): 61–83	Peer-reviewed article
20	2019	“Criteria for effective zero-deforestation commitments” Rachael D. Garrett, Sam Levy, Kimberly M. Carlson, Toby A. Gardner, Javier Godar, Jennifer Clapp, Peter Dauvergne, Robert Heilmayr, Yann le Polain de Waroux, Ben Ayre Robin Barr, Barbro Døvre, Holly K. Gibbs, Simon Hall, Sarah Lake, Jeffrey C. Milder, Lisa L. Rausch, Rodrigo Rivero, Ximena Rueda, Ryan Sarsfield, Britaldo Soares-Filho, Nelson Villoria	<i>Global Environmental Change</i> , 54 (1): 135–47	Peer-reviewed article
21	2019	“Testing the benefits of conservation set-asides for improved habitat connectivity in tropical agricultural landscapes” Sarah A. Scriven, Kimberly M. Carlson, Jenny A. Hodgson, Colin J. McClean, Robert Heilmayr, Jennifer M. Lucey and Jane K. Hill	<i>Journal of Applied Ecology</i> , 56 (10): 2274-85	Peer-reviewed article
22	2019	“Cambios de uso y cobertura del suelo en la Cordillera de la Costa del centro-sur de Chile entre 1986 y 2011” Cristian Echeverría, Rodrigo Fuentes and Robert Heilmayr	<i>Biodiversidad y Ecología de los Bosques Costeros de Chile</i> , C.Smith-Ramírez and F.A. Squeo, eds. Editorial Universidad de los Lagos	Book chapter
23	2019	“Universal Mill List” World Resources Institute, Rainforest Alliance, Proforest, Daemeter, Trase, Earthworm, Auriga, CIFOR, Transitions, Jason Jon Benedict, Robert Heilmayr, Kimberly M. Carlson	Global Forest Watch	Dataset
24	2020	“Deforestation spillovers from oil palm sustainability certification” Robert Heilmayr, Jason Jon Benedict and Kimberly M. Carlson	<i>Environmental Research Letters</i> , 15 (7): 075002	Peer-reviewed article
25	2020	“SEI-PCS Indonesia oil palm v1.1.0” Stockholm Environment Institute, Global Canopy, Auriga, the Carlson lab at the University of Hawai’i and the Conservation Economics Lab at UCSB	Trase	Online platform

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N.	Year	Title and authors	Publisher	Category
26	2020	“Managing Uncertainty in Carbon Offsets: Insights from California’s Standardized Approach” Barbara Haya, Danny Cullenward, Aaron L. Strong, Emily Grubert, Robert Heilmayr, Deborah Sivas and Michael Wara	<i>Climate Policy</i> , 20 (9): 1112–26	Peer-reviewed article
27	2020	“Analogies for a no-analog world: Tackling uncertainties in reintroduction planning” Elizabeth S. Forbes, Peter S. Alagona, Andrea J. Adams, Sarah E. Anderson, Kevin C. Brown, Jolie Colby, Scott D. Cooper, Sean Denny, Elizabeth H.T. Hiroyasu, Robert Heilmayr, Bruce E. Kendall, Jennifer A. Martin, Molly Hardesty-Moore, Alexis M. Mychajliw, Brian P. Tyrrell and Zoë S. Welch	<i>Trends in Ecology & Evolution</i> , 35 (7): 551–54	Peer-reviewed article
28	2020	“Impacts of Chilean forest subsidies on forest cover, carbon and biodiversity” Robert Heilmayr, Cristian Echeverría and Eric F. Lambin	<i>Nature Sustainability</i> , 3 (9): 701–9	Peer-reviewed article
29	2020	“Does oil palm certification create trade-offs between environment and development in Indonesia?” Janice Ser Huay Lee, Daniela A. Miteva, Kimberly M. Carlson, Robert Heilmayr and Omar Saif	<i>Environmental Research Letters</i> , 15 (12): 124064	Peer-reviewed article
30	2020	“Brazil’s Amazon Soy Moratorium reduced deforestation” Robert Heilmayr, Lisa Rausch, Jacob Munger and Holly K. Gibbs	<i>Nature Food</i> , 1 (12): 801–10	Peer-reviewed article
31	2021	“SEI-PCS Indonesia pulp v3.0.0” Stockholm Environment Institute, Global Canopy, Auriga, Woods and Wayside International, and the Conservation Economics Lab at UCSB	Trase	Online platform
			added since last review	
32**	2021	“Mapping and monitoring zero-deforestation commitments.” Kemen G. Austin, Robert Heilmayr, Jason Jon Benedict, David N. Burns, Michael Eggen, Hedley Grantham, Aida Greenbury, Jane K. Hill, Clinton N. Jenkins, Matthew S. Luskin, Timer Manurung, Laura V. Rasmussen, Grant Rosoman, Bernardo Rudorff, Musnanda Satar, Kimberly M. Carlson	<i>BioScience</i> , 71 (10): 1079-1090	Peer-reviewed article
33	2022	“Addressing indirect sourcing in zero deforestation commodity supply chains” Erasmus K.H.J. zu Ermgassen, Mairon G. Bastos Lima, Helen Bellfield, Adeline Dontenville, Toby Gardner, Javier Godar, Robert Heilmayr, Rosa A. Indenbaum, Tiago N.P. dos Reis, Vivian Ribeiro, Itohan-Osa Abu, Zoltan Szantoi, Patrick Meyfroidt	<i>Science Advances</i> , 8 (17): eabn3132	Peer-reviewed article

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N.	Year	Title and authors	Publisher	Category
34	2022	“SEI-PCS Indonesia oil palm v1.2.0” Stockholm Environment Institute, Global Canopy, Auriga, and the Conservation Economics Lab at UCSB	Trase	Online platform
35	2022	“Disentangling the numbers behind agriculture-driven tropical deforestation” Florence Pendrill, Toby A. Gardner, Patrick Meyfroidt, U. Martin Persson, Justin Adams, Tasso Azevedo, Mairon G. Bastos Lima, Matthias Baumann, Philip G. Curtis, Veronique de Sy, Rachael Garrett, Javier Godar, Elizabeth Dow Goldman, Matthew C. Hansen, Robert Heilmayr, Martin Herold, Tobias Kuemmerle, Michael J. Lathuillière, Vivian Ribeiro, Alexandra Tyukavina, Mikaela J. Weisse and Chris West	<i>Science</i> , 377 (6611): eabm9267	Peer-reviewed article
36	2022	“Characteristics of Indonesian Oil Palm Mills” Jason Jon Benedict, Kimberly M. Carlson, Ramada Febrian and Robert Heilmayr	<i>Harvard Dataverse</i>	Public dataset

* Previously listed as work in press

** Previously listed as work submitted

*** Previously listed as work in progress

† Denotes equal contribution

Work in press

N.	Year	Title and authors	Publisher	Category
B-37**	2023	“Spillovers to manufacturing plants from multi-million dollar plantations: evidence from the Indonesian palm oil boom” Sebastian Kraus, Robert Heilmayr, Nicolas Koch	<i>Journal of the Association of Environmental and Resource Economists</i>	Peer-reviewed article

* Previously listed as work in press

** Previously listed as work submitted

*** Previously listed as work in progress

† Denotes equal contribution

Work submitted

N.	Title and authors	Publisher	Category
C-1	“Climate change poses underappreciated threat to mesic forests”, Robert Heilmayr, Joan Dudley and Frances C. Moore	<i>Science</i>	Revise and resubmit

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N.	Title and authors	Publisher	Category
C-2	“Supply chain governance for sustainability and smallholder inclusion”, Andini Ekaputri, David Gaveau, Robert Heilmayr and Kimberly M. Carlson	<i>Nature Sustainability</i>	In review
C-3	“Conservation impact evaluation using remotely sensed data”, Alberto Garcia and Robert Heilmayr	<i>Journal of Environmental Economics and Management</i>	In review
C-4	“Do integrated solutions work for people and the planet? An umbrella evidence review”, Megan A. Kelso, Joshua H. Goldstein, Sara Mason, Rebecca Croft, Patricia A. Conrad, Edward T. Game, Robert Heilmayr, Clare E. Kazanski, Yuta J. Masuda, Lydia Olander, Claudia Ringler and Heather Tallis	<i>Nature Sustainability</i>	In review
C-5	“Smallholder participation in zero-deforestation supply chain initiatives in the Indonesian oil palm sector: challenges, opportunities, and limitations”, Michael Eggen, Robert Heilmayr, Patrick Anderson, Rebecca Armson, Kemen Austin, Reza Azmi, Peter Bayliss, David Burns, JT Erbaugh, Andini Desita Ekaputri, David Gaveau, Janina Grabs, Aida Greenbury, Ibrahim Gulagnar, Mansuetus Alsy Hanu, Tony Hill, Marieke Leegwater, Godwin Limberg, Charlotte Opal, Violace Putri, Judy Rodrigues, Grant Rosoman, Musnanda Satar, Su Sin Sheun, Uki, Sarah Walen and Kimberly M. Carlson	<i>Elementa</i>	In review

Part II. Teaching

Teaching load

My expected course load was 3.5 course equivalents per year during the 2021-2022 academic year, and 3 course equivalents per year beginning in the 2022-2023 academic year. Given my split appointment (75% Environmental Studies, 25% Bren), these teaching responsibilities are divided across the two departments. In the 2021-2022 academic year, I was expected to teach 2.625 course equivalents in ES and 0.875 course equivalents in Bren. Beginning in the 2022-2023 academic year, the agreed upon division changed to 2 course equivalents in ES, and 1 course equivalent in Bren.

I entered this review period with prior overload carry-overs of 0.625 course equivalents in ES and 0.17 course equivalents in Bren. In the 2021-2022 academic year, I taught 2 course equivalents for Environmental Studies and 1.3 course equivalents for Bren. In the 2022-2023 academic year, I taught 2 course equivalents for Environmental Studies and 0.9 course equivalents for Bren. Based on my teaching during this period, and my prior teaching overload, I carry forward 0.495 teaching credits towards my future teaching obligations in the Bren School.

Catalog courses

Qtr.	Course	Class type	Units	Hrs/Week	Enroll.	ESCI/Written evals. avail.
F21	ENVS30: Introduction to Environmental Economics	Lec	4	3.0	73	Yes/Yes
F21	ESM595RH: Environmental Research Design	Sem	4	3.0	10	Yes/Yes
S22	ENVS154: Geographic Information Systems for Environmental Applications	Lec	4	3.0	43	Yes/Yes
S22	ESM402A: Eco-E Project	GP	2	1.5	3	No/No
F22	ENVS30: Introduction to Environmental Economics	Lec	4	3.0	141	Yes/Yes
W23	EDS411A: MEDS capstone project	GP	2	1.5	4	No/No
S23	EDS411B: MEDS capstone project	GP	2	1.5	4	Yes/Yes
S23	ENVS154: Geographic Information Systems for Environmental Applications	Lec	4	3.0	46	Yes/Yes
S23	ESM402A: Eco-E Project	GP	2	1.5	3	No/No

Undergraduate advising

Student	Year completed	Project type
Benise Limon	2022	Undergraduate research assistant
Tiffany Hsu	2022	Undergraduate research assistant

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Student	Year completed	Project type
Anne Burdette	2022	Undergraduate research assistant
Cole Dickison	2022	Undergraduate research assistant
Julia Santos	2022	Undergraduate research assistant
Collin Paludi	2022	Undergraduate research assistant
Celeste Chavez Hernandez	2022	Undergraduate research assistant
Eliana Stone	2022	Senior thesis
Keyla Morales	2023	Undergraduate research assistant
Nicholas Wrubel	2023	Senior thesis
Matthieu Huy	Current student	Undergraduate research assistant
Vicente Villaseñor	Current student	Undergraduate research assistant
Conner Edwards	Current student	Undergraduate research assistant
Ryan Ashraf	Current student	Undergraduate research assistant
Liam Erenata	Current student	Undergraduate research assistant

Masters advising

Student	Year completed	Chair/Member
Atahualpa Ayala	2023	Advisor

Ph.D. committees

Student	Year completed	Chair/Member
Alice Lepissier	2021	Member
Kraus Sebastian	2021	Member
Jason Maier	2022	Member
Rafael Araujo	2022	Member
Alberto Garcia	2023	Advisor
Linus Blomqvist	Current student	Member
Yifan (Flora) He	Current student	Co-advisor
Anna Pede	Current student	Advisor
Ignacia Rivera	Current student	Member
Brian Lee	Current student	Member
Roberto Amaral Santos	Current student	Member

Postdoctoral scholars supervised

Name	Years
Felipe Jordán	2021 - 2022
Kendra Walker	2021 - present
Catharina Latka	2022 - present

Other scholars supervised

Name	Years	Position
Jason Jon Benedict	2017 - present	Research specialist
Lauren Sharwood	2022 - present	Research specialist

Other teaching contributions

Conservation Economics Lab meetings

Ran a weekly research seminar series for my lab.

Bren School group projects

Year	Project	Role
2022-2023	BioQuest	Co-advisor / External advisor
2022-2023	Goodfallows: Projections of future cropland abandonment	External advisor
2022-2023	PyForest	Advisor
2023-2024	Sunstone Energy	Co-advisor

Guest lectures

Year	Class
2022	ESM296: Science and Management for Forest Sustainability, UCSB

Part III. Professional activities

Lectures presented

Date	Title	Meeting/Place
2021-08-01	Cutting to the core: measuring variable drought sensitivity in tree species	Ecological Society of America, Annual Meeting, Virtual
2021-10-29	The contribution of corporate protected areas to conservation in tropical commodity landscapes	United Nations Forum on Voluntary Sustainability Standards, Academic Advisory Council Annual Meeting, Virtual
2021-11-08	The elusive end of deforestation	Wageningen University, Forest and Nature Conservation Policy Seminar, Virtual
2021-12-16	Assessing the impacts of Chilean payments for afforestation and reforestation	Princeton University, Land Based Climate Solutions Forum, Virtual
2022-01-27	Searching for an end to deforestation: Quantifying the impacts of conservation interventions	University of Wisconsin - Madison, Forest and Wildlife Ecology Seminar, Virtual
2022-02-03	Searching for an end to deforestation: Quantifying the impacts of conservation interventions	Oregon State University, Forest Ecosystems and Society Seminar, Corvallis, OR
2022-02-15	Searching for an end to deforestation: Quantifying the impacts of conservation interventions	University of Miami, Environmental Science and Policy Seminar, Virtual
2022-03-22	Searching for an end to deforestation: Quantifying the impacts of conservation interventions	Michigan State University, Environmental Science and Policy Seminar, East Lansing, MI
2022-04-14	Searching for an end to deforestation: Quantifying the impacts of conservation interventions	University of Florida, School of Forest, Fisheries and Geomatics Sciences Seminar, Gainesville, FL
2022-04-28	Payments for afforestation and reforestation: The Chilean case as a model for global insights	Princeton Carbon Mitigation Initiative, Annual Meeting, Virtual
2022-09-15	Can Indonesia achieve zero-deforestation palm oil?	Trase, Trase palm release, Virtual
2022-10-07	Conservation impact evaluation using remotely sensed data	University of Oregon, The Workshop in Environmental Economics and Data Science, Eugene, OR

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Date	Title	Meeting/Place
2022-10-18	Mapping property values to understand land-use change in South America	NASA Land Cover and Land Use Change Program, Science Team Meeting, Bethesda, MD
2022-10-21	Conservation impact evaluation using remotely sensed data	Harvard University, AI for Conservation Workshop, Cambridge, MA
2022-10-28	Impacts of the Roundtable on Sustainable Palm Oil on Deforestation and Incomes	United Nations Forum on Voluntary Sustainability Standards, Academic Advisory Council Annual Meeting, Leuven, Belgium
2023-03-17	Crop species mapping to understand the agricultural impacts of conservation policy in Paraguay	NASA Land Cover and Land Use Change Program, Agricultural Hotspots Webinar Series, Virtual
2023-04-21	Discussant: Rain follows the forest: Land use policy, climate change, and adaptation	Environmental Markets Lab, Occasional Workshop in Environmental and Resource Economics, Santa Barbara, CA
2023-05-09	Conservation impact evaluation using remotely sensed data	NASA Land Cover and Land Use Change Program, NASA Carbon Cycle and Ecosystems Joint Science Workshop, College Park, MD

Grants and contracts

Years	Source	Title	Amount (PI share)	Role	New/Cont.
2021-2023	NASA	Mapping property values to understand land-use change in South America	449,196 (449,196)	PI	Cont.
2020-2023	CGIAR	Land use and land cover change impacts of the sorghum and millet upscaling project in Mali	246,000 (0)	Co-I	Cont.
2020-2024	Arnhold Foundation	Tackling our climate crisis	6,000,000 (282,575)	Co-PI	Cont.
2020-2024	FORMAS	Inequality and the Biosphere: Achieving the Sustainable Development Goals in an Unequal World	2,312,000 (41,395)	Collaborator	Cont.
2021-2024	Bezos Earth Fund and Environmental Defense Fund	Land-Based Climate Solutions: Variable Responses to Economic Incentives - National case studies	450,000 (450,000)	PI	New

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Years	Source	Title	Amount (PI share)	Role	New/Cont.
2021- 2024	BP and Princeton Carbon Mitigation Initiative	Land-Based Climate Solutions: Variable Responses to Economic Incentives - National case studies	450,000 (450,000)	PI	New
2022- 2025	Packard Foundation and Global Canopy	Assessing supply chain transparency in Indonesian agricultural products	175,000 (175,000)	PI	New
2021- 2023	Moore Foundation and Stockholm Environment Institute	Assessing supply chain transparency in Indonesian agricultural products	150,000 (150,000)	PI	New
2022	Catholic Relief Services	Estimating the adoption and impact of WaterSmart practices using satellite imagery and machine learning methods	25,000 (25,000)	PI	New
Total continuing funding			9,007,196 (773,166)		
Total new funding			1,250,000 (1,250,000)		
Total funding during review			10,257,196 (2,023,166)		

Reviewing and refereeing activity

Date	Activity	Number of reviews
2021	Manuscript referee, <i>Biological Conservation</i>	2
2021	Manuscript referee, <i>Forest Policy and Economics</i>	2
2021	Manuscript referee, <i>Land Use Policy</i>	1
2021	Manuscript referee, <i>Science</i>	1
2021	Manuscript referee, <i>Proceedings of the National Academy of Sciences</i>	1
2021	Dataset reviewer, <i>Mapbiomas Indonesia</i>	1
2022	Manuscript referee, <i>Nature Sustainability</i>	1
2022	Manuscript referee, <i>Proceedings of the National Academy of Sciences</i>	1
2022	Manuscript referee, <i>Land Use Policy</i>	1
2023	Conference referee, Occasional Workshop in Environmental and Resource Economics	8

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Date	Activity	Number of reviews
2023	Manuscript referee, <i>Nature Food</i>	2
2023	Manuscript referee, <i>Environmental and Resource Economics</i>	1
2023	Manuscript referee, <i>Land Economics</i>	1
2023	Conference referee, Occasional Workshop in Environmental and Resource Economics	10
2023	Manuscript referee, <i>Land Use Policy</i>	1
2023	Manuscript referee, <i>Journal of the Association of Environmental and Resource Economists</i>	1
2023	Manuscript referee, <i>Nature Sustainability</i>	1

Special appointments

Years	Position	Type of service
2020-2022	Research Associate	Environmental Markets Lab (emLab)
2022-present	Director, Land and Freshwater Program	Environmental Markets Lab (emLab)
2020-present	Member	NASA Land Cover and Land Use Change Program, Science Team
2023-present	Affiliate	Center for Effective Global Action

Part IV. Service

University service

Academic year	Position	Type of service	Level
2020-2021	Member	Mellichamp Proposal Ad Hoc Committee	Department (Environmental Studies Program)
2021-2022	Lead	Ad Hoc Personnel Committee	Department (Environmental Studies Program)
2021-2022	Member	Planning Committee	Department (Environmental Studies Program)
2021-2022	Member	Forest Sustainability Fellowship Program	College (Bren School)
2021-2022	Co-Lead	Ad Hoc Personnel Committee	College (Bren School)
2021-2022	Member	Eco-E Project Committee	College (Bren School)
2022-2023	Lead	Ad Hoc Personnel Committee	Department (Environmental Studies Program)
2022-2023	Chair	Planning Committee	Department (Environmental Studies Program)
2022-2023	Chair	Space Committee	Department (Environmental Studies Program)
2023-2024	Member	Mellichamp Chair of Just, Sustainable and Resilient Cities Search Committee	Department (Environmental Studies Program)
2022-2023	Member	Forest Sustainability Fellowship Program	College (Bren School)
2022-2023	Member	Eco-E Project Committee	College (Bren School)

Public service appointments

Years	Position	Type of service
2021-present	Member	Trase, Scientific Advisory Committee
2021-present	Member	United Nations Forum on Sustainability Standards, Academic Advisory Council

Public writing

Year	Title and authors	Outlet	Category
2022	“Indonesia makes progress towards zero palm oil deforestation” Jason Jon Benedict and Robert Heilmayr	Trase	Blog post

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Year	Title and authors	Outlet	Category
2023	“Land Use in the Paraguayan Chaco: Decoupling deforestation and agricultural production”, Robert Heilmayr, Atahualpa Ayala, Jason Jon Benedict	Environmental Markets Lab	Report

Public speaking

Date	Title	Meeting/Place
2023-02-01	A Forest Journey Conversation	Santa Barbara Natural History Museum, Santa Barbara, CA

Selected public media engagement

Date	Title	Outlet
2021-11-17	“The Celebrity-Backed Green “Fintech” Company That Isn’t as Green as It Seems”	ProPublica
2022-02-21	“Piensos y soja: aliados para destruir el Amazonas”	El País
2022-10-18	“Sustainability pledges help Indonesia produce palm oil with less deforestation”	Mongabay
2022-10-24	“The Tragedy of Wasted Deforested Land”	Forbes
2023-01-19	“Can Malaysia afford to ban all palm oil exports to the EU?”	South China Morning Post
2023-02-05	“EU deforestation law triggers ire of its trading partners”	Financial Times