

~~OLD VERSION USE "UPDATED Nicholas CV"~~

Kimberly A. Nicholas

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Professional Interests

Identifying and implementing high-impact climate solutions, at scales ranging from households to municipal, national, and global; sustainability science theory and education; sustainable land and food systems; climate and wine; increasing science impact through broad public communication.

Employment

- | | |
|--------------|--|
| 2020-present | Docent (Reader), Environmental Sciences, Natural Science Faculty, Lund University |
| 2014-present | Associate Professor (senior lecturer, <i>sv: universitetslektor</i>), Lund University Centre for Sustainability Studies, Lund, Sweden |
| 2023 | Visiting Scholar , Stanford Woods Institute for the Environment, Doerr School of Sustainability |
| 2019-2021 | Director of PhD Studies , Lund University Centre for Sustainability Studies, Lund, Sweden |
| 2010 – 2014 | Assistant Professor (lecturer, <i>sv: biträdande lektor</i>), Lund University Centre for Sustainability Studies, Lund, Sweden |
| 2008 - 2013 | Senior Scientist , Fruit Fly Wine Sciences, Sonoma, CA Provide consulting services on technical and sustainability issues to the wine industry. |
| 1999 - 2001 | Policy Analyst , Clean Air Council, Philadelphia, PA |

Education

- | | |
|-------------|---|
| 2009 | Master of Science , Horticulture and Agronomy (Viticulture), University of California, Davis |
| 2003 - 2009 | Ph.D. , Interdisciplinary Program in Environment and Resources, Stanford University
<i>Major professor:</i> Dr. Christopher Field, Department of Global Ecology
<i>Dissertation:</i> Global change in local places: Climate change and the future of high-quality winegrowing in Napa and Sonoma, California |
| 2001 - 2003 | Master of Science , Land Resources, University of Wisconsin-Madison
<i>Major professor:</i> Dr. Jonathan Foley, Director, Center for Sustainability and |

- the Global Environment (now Executive Director, Project Drawdown)
Thesis: Evaluating carbon sequestration and attributing carbon credits to grassland restoration
- 1996 - 1999 **Bachelor of Science (honors)**, Earth Systems (Biosphere track), Human Biology minor, Stanford University
Thesis Advisor: Stephen S. Schneider, Professor, Biological Sciences
Honors thesis: Private and social costs of alternative fuel vehicles in the Bay Area

Peer-Reviewed Publications

Research profiles, publication lists, and citation metrics:

[Google Scholar](#) [ORCID](#) [Publons](#) [ResearchGate](#)

Underline = student or researcher under my supervision or co-supervision.

Last author position = initiation, funding, and/or overall intellectual leadership of the project.

2023

60. Cayan, Daniel R., Laurel DeHaan, Mary Tyree, and Kimberly A. Nicholas. "A Four-Week Advance in the Growing Season in Napa Valley, California." In press, *International Journal of Climatology*.

2022

59. Kuss, Paula, and **Kimberly A. Nicholas**. (2022) "A dozen effective interventions to reduce car use in European cities: Lessons learned from a meta-analysis and Transition Management." *Case Studies on Transport Policy*, <https://doi.org/10.1016/j.cstp.2022.02.001>
58. Dornelles, André Z., Wiebren J. Boonstra, Izabela Delabre, J. Michael Denney, Richard J. Nunes, Anke Jentsch, **Kimberly A. Nicholas**, Matthias Schröter, Ralf Seppelt, Josef Settele, Nancy Shackelford, Rachel J. Standish, and Tom H. Oliver (2022). "Transformation archetypes in global food systems." *Sustainability Science* <https://doi.org/10.1007/s11625-022-01102-5>

2021

57. Ullström, Sara, Johannes Stripple, and **Kimberly A. Nicholas**. (2021) "From Aspirational luxury to hypermobility to staying on the ground: Changing discourses of holiday air travel in Sweden." *Journal of Sustainable Tourism*, 1-18. <https://doi.org/10.1080/09669582.2021.1998079>
56. Nielsen, Kristian S., **Kimberly A. Nicholas**, Felix Creutzig, Thomas Dietz, and Paul C. Stern. (2021) "The role of high socioeconomic status

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people in locking-in or rapidly reducing energy-driven greenhouse gas emissions." *Nature Energy* <https://doi.org/10.1038/s41560-021-00900-y>

55. **Kimberly A. Nicholas, Frida Villemoes, Edmund Lehsten, Mark V. Brady, and Murray W. Scown.** (2021) "A harmonized and spatially-explicit dataset from 16 million payments from the European Union's Common Agricultural Policy for 2015." *Patterns* 2 (4): 100236. <https://doi.org/10.1016/j.patter.2021.100236>
54. Altaaf Mechiche-Alami, Jihad Yagoubi, **Kimberly A Nicholas.** (2021). "Agricultural land acquisitions unlikely to address the food security needs of African countries." *World Development* 141 (105384). <https://doi.org/10.1016/j.worlddev.2020.105384>

2020

53. Murray W Scown, Mark V Brady, and **Kimberly A Nicholas.** (2020). "Billions in Misspent EU Agricultural Subsidies Could Support the Sustainable Development Goals." *One Earth* 3: 237-250. <https://doi.org/10.1016/j.oneear.2020.07.011>
52. André Z. Dornelles, Emily Boyd, Richard J. Nunes, Mike Asquith, Wiebren J. Boonstra, Izabela Delabre, J. Michael Denney, Volker Grimm, Anke Jentsch, **Kimberly A. Nicholas**, Matthias Schröter, Ralf Seppelt, Josef Settele, Nancy Shackelford, Rachel J. Standish, Genesis Tambang Yengoh, and Tom H. Oliver. (2020) "Towards a bridging concept for undesirable resilience in social-ecological systems." *Global Sustainability* 3: 2020, e20. DOI: <https://doi.org/10.1017/sus.2020.15>
51. Scown, Murray, and **Kimberly A Nicholas.** (2020). "European agricultural policy requires a stronger performance framework to achieve the Sustainable Development Goals." *Global Sustainability* 3, e11, 1–11. <https://doi.org/10.1017/sus.2020.5>
50. Morales-Castilla, Ignacio, Inaki Garca de Cortazar-Atauri, Benjamin I. Cook, Thierry Lacombe, Amber Parker, Kees van Leeuwen, **Kimberly A Nicholas**, and Elizabeth M Wolkovich. (2020). "Diversity buffers winegrowing regions from climate change losses." 2020. *Proceedings of the National Academy of Sciences of the USA (PNAS)* 117 (6) 2864-2869. <https://doi.org/10.1073/pnas.1906731117>
49. Tamburino, Lucia, Giangiacomo Bravo, Yann Clough, and **Kimberly A Nicholas.** (2020). "From population to production: Fifty years of scientific literature on how to feed the world." *Global Food Security* 24 (100346). <https://doi.org/10.1016/j.gfs.2019.100346>

2019

48. Matías E. Mastrangelo, Natalia Perez-Harguindeguy, Lucas Enrico, Elena Bennett, Sandra Lavorel, Graeme Cumming, Dilini Vathsala Abeygunawardane, Benjamin Burkhard, Benis Egoh, Luke Frishkoff, Leonardo Galetto, Sibyl Huber, Daniel S. Karp, Alison Ke, Esteban Kowaljow, Bruno Locatelli, Berta Martin-Lopez, Patrick Meyfroidt, Tuyeni H. Mwampamba, Jeanne Nel, **Kimberly A. Nicholas**, Charles Nicholson, Elisa Otero-Rozas, Sebataolo J. Rahlao, Ciara Raudsepp-Hearne, Taylor Ricketts, Uttam Shrestha, Klara J. Winkler, Kim Zoeller. (2019) "Key knowledge gaps to achieve global sustainability goals." *Nature Sustainability* 2 1115–1121 <https://doi.org/10.1038/s41893-019-0412-1>.
47. Mechiche-Alami, Altaaf, Carlo Piccardi, **Kimberly A. Nicholas**, and Jonathan W. Seaquist. (2019). "Transnational Land Acquisitions beyond the food and financial crises." *Environmental Research Letters* 14 (8). <https://doi.org/10.1088/1748-9326/ab2e4b>
46. Wynes, Seth, and **KA Nicholas**. (2019). "Climate science curricula in Canadian secondary schools focus on human warming, not scientific consensus, impacts or solutions." *PLoS ONE* 14(7): e0218305. <https://doi.org/10.1371/journal.pone.0218305>
45. Liski, Anja Helena, Pontus Ambros, Marc J Metzger, Kimberly A Nicholas, A. Meriwether W. Wilson, Torsten Krause. (2019) "Governance and stakeholder perspectives of managed re-alignment: Adapting to sea level rise in the Inner Forth estuary, Scotland." *Regional Environmental Change*. <https://doi.org/10.1007/s10113-019-01505-8>.
44. Walz, Ariane, Katja Schmidt, Ana Ruiz-Frau, **Kimberly A. Nicholas**, Aster de Vries Lentsch, Adeline Bierry, Apostol Dyankov, Deirdre Joyce, Ines Rosario, Samantha Scholte. 2019. "Sociocultural valuation of ecosystem services for operational ecosystem management: Mapping applications by decision contexts in Europe." *Regional Environmental Change*. <https://doi.org/10.1007/s10113-019-01506-7>
43. Scown, Murray, Klara J Winkler, and **Kimberly A Nicholas**. "Aligning research, policy and practice on sustainable agricultural land systems in Europe." (2019) *Proceedings of the National Academy of Sciences of the USA (PNAS)* 116 (11) 4911–4916. <https://doi.org/10.1073/pnas.1812100116> [press release]
42. Marius von Essen; Inês T. do Rosário; Margarida Santos-Reis; and **Kimberly A. Nicholas**. "Valuing and mapping cork and carbon across land use scenarios in the Portuguese montado landscape." (2019). *PLoS ONE* 14(3): e0212174. <https://doi.org/10.1371/journal.pone.0212174>
41. Heather A. Schoonover, Adrienne Grêt-Regamey, Marc J. Metzger, Ana Ruiz-Frau, Margarida Santos-Reis, Samantha S.K. Scholte, Ariane Walz, and **Kimberly A Nicholas**. (2019) "Creating space, aligning motivations, and building trust: A framework for stakeholder engagement based on experience in 12 ecosystem services case

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studies." *Ecology and Society* 24(1):11.
<https://doi.org/10.5751/ES-10061-240111>

2018

40. [Siepmann, Laura](#), and **Kimberly A Nicholas**. (2018) "German winegrowers' motives and barriers to convert to organic farming." *Sustainability*, 10(11), 4215; doi:[10.3390/su10114215](https://doi.org/10.3390/su10114215)
39. Dickson-Hoyle, Sarah, Michelle Kovacevic, Marina Cherbonnier, and **Kimberly A. Nicholas**. 2018. "Towards meaningful youth participation in science-policy processes: a case study of the Youth in Landscapes Initiative." *Elementa: Science of the Anthropocene*, 6(1), p.67. DOI:<http://doi.org/10.1525/elementa.327>
38. [Wynes, Seth](#), **Kimberly A Nicholas**, Jiaying Zhao, and Simon D Donner. 2018. "Measuring what works: Quantifying greenhouse gas emission reductions of behavioural interventions to reduce driving, meat consumption, and household energy use." *Environmental Research Letters* 13 (11): <https://doi.org/10.1088/1748-9326/aae5d7>
37. Pejchar, Liba; Clough, Yann; Ekroos, Johan; **Nicholas, Kimberly A**; Olsson, Ola; Ram, Dafne; Tschumi, Matthias; and Smith, Henrik. 2018. "Net effects of birds in agroecosystems." *BioScience*, biy104, <https://doi.org/10.1093/biosci/biy104>
36. [Winkler, Klara J](#), [Murray S Scown](#), and **Kimberly A Nicholas**. 2018. "A classification to align social-ecological land systems research with policy in Europe." *Land Use Policy* 79 (137-145). <https://doi.org/10.1016/j.landusepol.2018.06.034>
35. Dooley, Kate, Peter Christoff, and **Kimberly A. Nicholas**. 2018. "Co-producing climate policy and negative emissions: Trade-offs for sustainable land-use." *Global Sustainability* 1 (e3). <https://doi.org/10.1017/sus.2018.6>
34. Wolkovich, EM, I Garca de Cortazar-Atauri, I Morales-Castilla, **KA Nicholas** & T Lacombe. 2018. "From Pinot to Xinomavro in the world's future wine-growing regions." *Nature Climate Change* 8: 29-37. <https://doi.org/10.1038/s41558-017-0016-6>
33. Wynes, Seth and **Kimberly A Nicholas**. Reply to second comment on "The climate mitigation gap": Role of individual action, overconsumption, and ethics of family planning. *Environ. Res. Lett.* 13 (2018) 068002. <https://doi.org/10.1088/1748-9326/aac9cf>
32. Wynes, Seth and **Kimberly A Nicholas**. Reply to comment on "The climate mitigation gap": population and climate change, methodological accounting for emissions from reproductive choices, and ethical

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responsibility for emissions. *Environ. Res. Lett.* 13 (4) 048002.
<https://doi.org/10.1088/1748-9326/aab210>

2017

31. Wynes, Seth and **KA Nicholas**. (2017). "The Climate Mitigation Gap: Education and Government Recommendations Miss the Most Effective Individual Actions." *Environmental Research Letters* 12(7).
<https://doi.org/10.1088/1748-9326/aa7541>
30. Kramer, DB, J Hartter, AE Boag, M Jain, KJ Stevens, **KA Nicholas**, W McConnell, and J Liu. 2017. "Top 40 Questions in Coupled Human and Natural Systems (CHANS) Research." *Ecology & Society* 22(2): 44.
<https://doi.org/10.5751/ES-09429-220244>
29. MacGregor, F, V Ramasar, & **KA Nicholas**. 2017. "Problems with firm-led voluntary sustainability schemes: the case of Direct Trade coffee." *Sustainability* 9(4): 651; doi:[10.3390/su9040651](https://doi.org/10.3390/su9040651).
28. Winkler, K, JH Viers, and **KA Nicholas**. (2017). "Assessing ecosystem services and multifunctionality for vineyard systems." *Frontiers in Environmental Science* 5:15; doi: 10.3389/fenvs.2017.00015.
27. Wolkovich, EM, DO Burge, MA Walker, & **KA Nicholas**. 2017. "Phenological diversity provides opportunities for climate change adaptation in winegrapes and other crops." *Journal of Ecology* 105: 905-912. doi: 10.1111/1365-2745.12786
26. Hermelingmeier, V and **KA Nicholas**. 2017. "Identifying five different perspectives on the ecosystem services concept using Q-methodology." *Ecological Economics* 136: 255-265.
<https://dx.doi.org/10.1016/j.ecolecon.2017.01.006>

2016

25. Johansson, EL, M Fader, J Seaquist, **KA Nicholas**. (2016). Blue and green water demand from large-scale land acquisitions in Africa. 2016. *Proceedings of the National Academy of Sciences of the USA* 113 (41): 11471-11476. <https://doi.org/10.1073/pnas.1524741113>
24. Halldórsdóttir, TO, and **KA Nicholas**. (2016). Local food in Iceland: Identifying behavioral barriers to increased production and consumption. *Environmental Research Letters* 11(11).
doi:10.1088/1748-9326/11/11/115004
23. Bennett, EM, M. Solan, R. Biggs, T. McPhearson, A.V. Norstrom, P. Olsson, L. Pereira, G.D. Peterson, C. Raudsepp-Hearne, F. Biermann, S.R. Carpenter, E. Ellis, T. Hichert, V. Galaz, M. Lahsen, M. Milkoreit, B. Martin-Lopez, **K. A. Nicholas**, R. Preiser, G. Vince, J.M. Vervoort, J. Xu. 2016. "Bright spots: Seeds of a good Anthropocene." *Frontiers in Ecology and the Environment* 14 (8): 441-448.

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<https://doi.org/10.1002/fee.1309>

22. [Collen, AW, T Krause, L Mundaca, and **KA Nicholas**. 2016. "Building local institutions for national conservation programs: Lessons for developing Reducing Emissions from Deforestation and forest Degradation \(REDD+\) programs." *Ecology and Society* 21\(2\):4. <http://dx.doi.org/10.5751/ES-08156-210204>](#)
21. [Winkler, KJ, and **KA Nicholas**. 2016. "More than wine - cultural ecosystem services in vineyard landscapes in England and California." *Ecological Economics* 124: 86-98. <https://doi.org/10.1016/j.ecolecon.2016.01.013>](#)

2015

20. [NR Magliocca, J van Vliet, C Brown, T Evans, T Houet, P Messerli, J Messina, **KA Nicholas**, C Ornetsmuller, J Sagebiel, V Schwiezer, P Verburg, Q Yu. 2015. "From meta-studies to modeling: Using synthesis knowledge to build broadly applicable process-based land change models." *Environmental Modeling and Software* 72: 10-20. <https://doi.org/10.1016/j.envsoft.2015.06.009>](#)
19. [Feola G, AM Lerner, M Jain, MJF Montefrio, and **KA Nicholas**. 2015. "Researching farmer behavior in climate change adaptation and sustainable agriculture: Lessons learned from five case studies." *Journal of Rural Studies* 39: 74-84. doi:10.1016/j.jrurstud.2015.03.009](#)
18. [Ummenhofer, CU, H Xu, T Twine, E Girvetz, H McCarthy, N Chhetri, and **KA Nicholas**. 2015. "How climate change affects extremes in maize and wheat yield in two cropping regions." *Journal of Climate* 28 \(12\): 4653-4687. <https://doi.org/10.1175/JCLI-D-13-00326.1>](#)

2014

17. [Seaquist, J, \[EL Johansson\]\(#\), and **KA Nicholas**. 2014. "Architecture of the global land acquisition system: Applying the tools of network science to identify key vulnerabilities." *Environmental Research Letters* 9: 114006. doi:10.1088/1748-9326/9/11/114006](#)
16. [O'Byrne, D, W Dripps, and **KA Nicholas**. 2014. "Teaching and learning sustainability: An assessment of the curriculum content and structure of sustainability degree programs in higher education." *Sustainability Science* 9 \(3\). doi: 10.1007/s11625-014-0251-y](#)

2013

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15. Rivera-Ferre, MG, L Pereira, T Karpouzoglou, **KA Nicholas**, S Onzere, W Waterlander, F Mahomoodally, A Vrieling, FD Babalola, CC Ummenhofer, A Dogra, A de Conti, S Baldermann, C Evoh, and S Bollmohr. "A vision for transdisciplinarity in Future Earth: Perspectives from Young Researchers." 2013. Invited Research Commentary in *Journal of Agriculture, Food Systems, and Community Development*. 3 (4): 249-260. DOI: <http://dx.doi.org/10.5304/jafscd.2013.034.031>
14. Krause, T, AW Collen, and **KA Nicholas**. 2013. "Evaluating safeguards in a conservation incentive programme: Participation, consent and benefit sharing in Indigenous communities of the Ecuadorian Amazon." *Ecology and Society*. 18(4):1. <http://dx.doi.org/10.5751/ES-05733-180401>
13. Clark, K, and **KA Nicholas**. 2013. "Introducing urban food forestry: A multifunctional approach to increase food security and provide ecosystem services." *Landscape Ecology* 28 (6): <https://doi.org/10.1007/s10980-013-9903-z>
12. Viers, JH, JN Williams, **KA Nicholas**, O Barbosa, I Kotze, L Spence, L Webb, A Merenlender, and M Reynolds. 2013. "Vinecology: Pairing wine with nature." *Conservation Letters* 6(1). doi: 10.1111/conl.12011

2012

11. **Nicholas, KA**, and WH Durham. 2012. "Farm-scale adaptation and vulnerability to environmental stresses: Insights from winegrowing in Northern California." *Global Environmental Change* 22(2): 483-494. doi: 10.1016/j.gloenvcha.2012.01.001

2011

10. **Nicholas, KA**, and ELS Hinckley. 2011. "Conducting research on private farms and ranches: Approaches, issues, and tips." *Journal of Extension* 49(6): Article 6TOT11.
9. **Nicholas, KA**, MA Matthews, DB Lobell, NH Willits, and CB Field. 2011. "Effect of vineyard-scale climate variability on Pinot noir phenolic composition." *Agricultural and Forest Meteorology* 151(12): 1556-1567.
8. **Nicholas, KA**, and W Gordon. 2011. "A quick guide to writing a solid peer review." *EOS* 92 (28): 233-234. (Reprinted with permission in *ESA Bulletin* 92 (4): 376-381.) doi: 10.1890/0012-9623-92.4.376

2010

7. Khagram, S, **KA Nicholas**, D MacMynowski Bever, J Warren, E Richards, K Oleson, J Kitze, R Katz, R Hwang, R Goldman, J Funk, and KA Brauman. 2010. "Thinking about knowing: Intellectual foundations for interdisciplinary research." *Environmental Conservation* 37 (4): 388-397.

2009

6. **Nicholas Cahill, K**, CJ Kucharik, and JA Foley. 2009. "Prairie restoration and carbon sequestration: Difficulties in quantifying carbon sources or sinks using a mass-balance approach." *Ecological Applications* 19(8): 2185-2201.

2007

5. Lobell, DB, **K Nicholas Cahill**, and CB Field. 2007. "Historical effects of temperature and precipitation on California crop yields." *Climatic Change* 81: 187-203.

2006

4. Lobell, DB, **K Nicholas Cahill**, CB Field, and C Bonfils. 2006. "Impacts of future climate change on California perennial crop yields: Model projections with climate and crop uncertainties." *Agricultural and Forest Meteorology* 141: 208-218.
3. Lobell, DB, **K Nicholas Cahill**, and CB Field. 2006. "Weather-based yield forecasts developed for 12 California crops." *California Agriculture* 60 (4): 211-215.
2. Kucharik, CJ, NJ Fayram, and **K Nicholas Cahill**. 2006. "A paired study of prairie carbon stocks, fluxes, and phenology: comparing the world's oldest prairie restoration with an adjacent remnant." *Global Change Biology* 12 (1): 122-139.

2004

1. Hayhoe, K, D Cayan, CB Field, PC Frumhoff, EP Maurer, NL Miller, SC Moser, SH Schneider, **K Nicholas Cahill**, EE Cleland, L Dale, F Davis, R Drapek, RM Hanemann, LS Kalkstein, J Lenihan, CK Lunch, RP Neilson, SC Sheridan, and JH Verville. 2004. "Emissions pathways, climate change, and impacts on California." *Proceedings of the National Academy of Sciences of the USA* 101 (34): 12422-12427.

Book Chapters

- 2017 **Nicholas, KA**, Abi Brady, and Ladaea Rylander. 2017. "Peer Writing Tutors Help International, Interdisciplinary Students to Stake their Claim." pp. 33-60 In: *Diversity in Education: Crossing cultural, disciplinary and professional divides*. Eds: N Tojo and B Kiss. Lund University Press. Available from

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http://www.iiee.lu.se/sites/iiee.lu.se/files/web_version_diversity_in_education_e5_media.pdf

Scientific Commentaries

- 2014** Tallis, H., J Lubchenco, **KA Nicholas**... and 237 other co-authors. Working together: A call for inclusive conservation. 2014. *Nature* 515 (7525): 27-28. Comment. doi:10.1038/515027a

Manuscripts In Review

1. Kimberly A. Nicholas and Murray Scown. "European rural regions supporting and hindering the Sustainable Development Goals." Submitted to *Nature Sustainability*.
2. Villat, Jessica, and Kimberly A. Nicholas. "Quantifying Carbon Sequestration from Regenerative Agricultural Practices in Arable and Woody Perennial Systems." In review at *Agriculture, Ecosystems, and Environment*.
3. Zhao, Chunli, Johan Jansson, Jonas Nilsson, and Kimberly A Nicholas. "Digitalizing public transport (PT) service in Sweden: PT providers' perspective." In review for *Transportation Research Part C*.
4. Jonas Nilsson, Chunli Zhao, Johan Jansson, and Kimberly A Nicholas. "Public Transport Decision-Making in the Age of Digitalization: Comparing Younger and Older Travelers' Attitudes and Behaviors." In review at *Travel Behaviour and Society*.

Manuscripts In Preparation

1. Louisa Durkin, Martin Bruckner, Søren Faurby, Thomas Kastner, Alexandre Antonelli, Kimberly A. Nicholas, Allison Perrigo. "Consumption of beef, pork, dairy, coffee, wheat, and poultry drive global biodiversity loss." In prep for *Environmental Research Letters*.
2. Sara Löfgvist, Christian Pohl, Kimberly A. Nicholas, Cristóbal Marquez, and Rachael D. Garrett. "How global targets can drive more equitable and ecologically sound restoration - a case study in Mexico." In prep for *Global Environmental Change*.
3. Liam Kendall, Kimberly A Nicholas, Mark Brady, Peter Olsson, and Henrik Smith. "Contemporary climate change is shaping bumblebee community structure." In prep for *Biological Conservation*.
4. Ragnhild Kirkhus and Kimberly A Nicholas. "Coping with the climate crisis: Problem- and Meaning-Focused Coping Increase Pro-Environmental Behaviour." In prep for *Climatic Change*.
5. Jonas Nilsson, Chunli Zhao, Johan Jansson, and Kimberly A Nicholas. "Consumer satisfaction in public transport: the influence of utilitarian and experiential quality perceptions."

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6. Chunli Zhao, Jonas Nilsson, Johan Jansson, and Kimberly A Nicholas. "Meeting public transport passengers' needs with digital communication in Sweden." *J Public Transportation*.
7. Guy Pe'er, Irina Herzon, Lisa Pörtner, Daniel Vedder, Jacqueline Loos, Sebastian Lakner, Melissa Marselle, Gregor Hagedorn, Felix Creutzig, Nathalie J. Lambrecht, Jana Kachler, Aletta Bonn, Kimberly A. Nicholas, Roel van Klink, Elizabeth A. Finch, Juliette C. Young, Julian Rode. "Reduce pressure on land to alleviate multiple global crises". In prep for *Science*.
8. Sara Ullström, Claudia Orellana Rodriguez, Kimberly Nicholas, Stevan Rudinac & Willemijn van Dolen. "The rise and spread of Staying on the ground on Twitter: A big data analysis."
9. Ran, Ylva, Christel Cederberg, Malin Jonell, **Kimberly A. Nicholas**, Johan O. Karlsson, Kristina Bergman, Åsa Strand, Francesca Verones, Rasmus Einarsson, Michael Martin, Davy Vanham, Elin Röö. "Environmental assessment of diets – overview and guidance on indicator choice." in prep for *Lancet Planetary Health*.

Grants Awarded

Secured funding from diverse sources including national research councils, international (European Commission), federal, and state government agencies, industry groups, and foundations. I have received five major grants as Principal Investigator: one for €650,000 from the Swedish Research Council VR, the largest grant awarded in Natural Sciences by the Council to a single investigator at Lund University in 2014, and tied for largest grant of 62 young investigator grants nationally; a one-year seed grant from the Crafoord Foundation to analyze innovative land management approaches for achieving climate-neutral landscapes in Sweden; a €300,000 grant to support a PhD student focusing on reduced aviation demand; €200,000 to communicate my research results to the public; and a €100,000 grant for mobility between academy and practice to support emissions reductions in Lund Municipality.

2022

24. Swedish Research Council Formas. €200,000 (2m SEK)
Communication Grant
PI: Kimberly Nicholas
"We Can Fix It: Personalized, Multimedia Expert Advice to Galvanize Everyday Climate Action."

2020

23. Biodiversity and Ecosystem Services in a Changing Climate (BECC)
Postdoc Grant (PI: Henrik Smith)
"Exploring synergies between wild pollinators and climate-smart protein production – a mixed methods approach."

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PI: Henrik Smith
Co-I: Kimberly Nicholas, Mark Brady
2 years of funding to support a postdoc

2019

22. Swedish Research Council Formas. €100,000 (1m SEK)
Increased mobility between academy and practice
PI: Kimberly Nicholas
"Collaboratively developing science-based processes and policies to radically reduce municipal greenhouse gas emissions by 2030."
21. National Knowledge Centre for Public Transport (K2) €560,000 (5.6m SEK)
PI: Johan Jansson, co-I: Kimberly Nicholas
"Communicating public transport in the digital age: Impact of digitization on current and future traveler groups', attitudes, satisfaction and travel behaviors."

2018

20. Swedish Research Council Formas. €300,000 (3m SEK)
PI: Kimberly Nicholas
co-I: Johannes Stripple
"The takeoff of staying on the ground: Changing personal and political narratives of aviation, climate, and the good life in Sweden."
19. "sOcioLockIn – Understanding the undesirable resilience in socio-ecological systems driving biodiversity loss." German Centre for Integrative Biodiversity Research (iDiv), Leipzig, Germany. Workshops February and June, 2018. PIs: Tom Oliver and Emily Boyd.

2017

18. Vice-Rector's Initiative for Collaboration, Lund University.
Co-Investigator. (PI: Johannes Stripple)
"Narrating climate futures."

2016-2017

18. Crafoord Foundation. €54,000.
Research Grant, Principal Investigator.
"Climate-neutralizing managed landscapes in Sweden."
17. Pufendorf Institute Advanced Study Group. €11,000.
"Narrating climate futures." *PI: Johannes Stripple.*

2015-2019

16. Swedish Research Council (Vetenskapsrådet, VR). €650,000 (6m SEK)
Project Grant for Junior Researchers- Principal Investigator.

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"Agromes: Mapping the environmental, economic, and social tradeoffs of European farming systems across scales."

2015-2016

15. Pufendorf Institute Advanced Study Group. €11,000.
"Governing sustainable land use in a changing climate." Led group of eight senior researchers from three faculties to analyze sustainable land use scenarios for Sweden as a global model.

2015

14. Institut Français de Suède (French Embassy in Sweden). €3,000.
One of seven out of 50 applicants supported with a one-month mobility grant for developing collaborations between Swedish and French researchers.

2012-2017

13. European Union FP7 Environment Domain. €9,000,000 (€700,000 to Lund University), plus 25% in-kind project funding from partners.
Project PI: Mark Rounsevell, University of Edinburgh.
"Operational Potential of Ecosystem Research Applications (OPERAs)." Task Lead and Work Package Co-Lead: Exemplar Cases, managing project implementation and reporting for 12 case studies involving over 70 partners across 17 institutions.

2007

12. Napa Valley Vintners. \$51,032 for 2 years.
PIs: Dan Cayan, UC San Diego; Chris Field, Stanford.
"Historical Napa climate and its impact on wine grape phenology and composition."
11. Rudolf Summer Grant, School of Earth Sciences, Stanford University.
\$4,920.
Support for summer research assistants.

2006

10. Faculty Grant, Vice Provost for Undergraduate Education, Stanford University. \$4,870. PI: Chris Field
Support for summer research assistants.
9. McGee Grant in Earth Sciences, School of Earth Sciences, Stanford University. \$1,100.
Support for research expenses, including travel to present research at an international conference.

2005

8. McGee Grant in Earth Sciences, School of Earth Sciences, Stanford University. \$2,400.
Support for research expenses, including dataloggers used in field experiment.

2001

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7. Pennsylvania Department of Environmental Protection. \$70,000.
"Don't Trash It! Pennsylvania Statewide Reuse Guide".
6. U.S. Department of Energy- Philadelphia Regional Office. \$20,000.
"Support of Activities Related to 2001 National Clean Cities Conference."
5. The Energy Foundation. \$80,000.
"Pennsylvania and Delaware Low Emissions Vehicles Campaign, Phase 2."

2000

4. U.S. Department of Energy- Golden Field Office. \$30,000.
"Clean Fuels 101: Rebates for Light-Duty University Niche Fleets."
3. The Energy Foundation. \$32,000.
"Low Emissions Vehicles Campaign in Pennsylvania and Delaware."
2. "Alternative Fuels Incentive Grant." U.S. Department of Energy.
\$90,000.
1. U.S. Department of Transportation. Congestion Mitigation Air Quality Projects. \$369,000.
"Rebates for Alternative Fuel Vehicles in Greater Philadelphia."

Honors, Awards, and Fellowships

Awards include recognition for promising international research through selection for participation in selective seminars and conferences, increasing positions of leadership in the scientific community, and selection by students as Commencement Speaker.

- | | |
|------|--|
| 2023 | Selection Committee, <u>Wilkes Center Climate Prize</u> . One of five experts to rank the second round of 13 proposals for scalable, feasible, just climate solutions. The winner will receive \$1.5 million. |
| 2023 | External Reviewer, Minerva Leadership Award, Lund University Faculty of Medicine. |
| 2022 | Top researcher at Lund University and #12 in Sweden on social media, according to <u>Twili Index 2022</u> . |
| 2022 | Book of the Year, Stanford University. <i>Under the Sky We Make</i> was selected by Stanford President Marc Tessier-Lavigne as the 2022 book for the Founders' Circle, the 1,200 supporters who have donated \$1 million or more to Stanford University. |
| 2022 | Kritikos lecture, Oregon Humanities Center, University of Oregon |
| 2021 | Wine Industry Leader-- <u>Wine Business Monthly</u> |
| 2019 | Innovation in Sustainability Science Award, Ecological Society of America. "Recognizes authors of a peer-reviewed paper published in the past five years exemplifying leading-edge work on solution pathways to |

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	sustainability challenges." Awarded for "Seeds of a Good Anthropocene," Bennett et al. 2016.
2018	Second Place, "Science Slam," Almedalen. 5 minute talk, " <u>Människan vs klimatförändringarna.</u> " (börjar med 59:10) Almedalen, Gotland. 3 July.
2017	<u>Best Paper 2017</u> , Environmental Research Letters, for Wynes & Nicholas. Chosen for quality by the Editors, also most downloaded paper of 2017 out of IOP's range of more than 70 journals.
2017	Top 10 Climate Papers Featured in News and Social Media, 2017. <u>Carbon Brief</u> analysis.
2017	Vega Fellow in Science Leadership and Communication. Selected for intensive one-week training. Tvärminne Zoological Station, Finland.
2017	Elected to Teaching Academy, Lund University Faculty of Social Sciences, "Qualified Teaching Practitioner." Selected for membership in academy for outstanding teachers, based on competitive evaluation of 6,000 word <u>teaching portfolio</u> on teaching philosophy and practice.
2015	Institut français de Suède: <i>FRÖ Laureate</i> (selected as one of seven funded scholars out of 50 applicants)
2014	General Assembly of the International Council for Science (ICSU): <i>Early-Career Scientists Panel Chair</i>
2014	EAT Stockholm Food Forum Inaugural Summit <i>Invited Delegate, Metrics Competence Forum</i>
2013, 2014	Selected by students as <i>Commencement Speaker</i> , Lund University Master's Programme in Environmental Studies and Sustainability Science
2013	Young Scientists Networking Conference on Integrated Science, sponsored by Future Earth and the International Council for Science: <i>Food Futures Fellow, Future Earth Fellow</i>
2012	International Network of Research on Coupled Human and Natural Systems, sponsored by National Science Foundation: <i>CHANS Fellow</i>
2011	Swedish Secretariat for Environmental Earth Systems Sciences, <i>Young Scientist Conference Grant</i>
2010	Dissertation Initiative for the Advancement of Climate Change Research, <i>Symposium Scholar</i>
2009	University of California, Davis, <i>McKeehan Fellow in Horticulture and Agronomy</i>
2008	Stanford University School of Earth Sciences Research Review, <i>Third Place, Oral Presentation</i>
2007	American Society for Enology and Viticulture, Annual Meeting <i>Best Viticulture Student Poster Award</i>
2007	American Society for Enology and Viticulture <i>Graduate Scholarship</i>
2005	ALTER-Net Summer School in Vulnerability Analysis, Peyresq, France
2003 – 06	Stanford University <i>David and Lucille Packard Foundation Stanford Graduate Fellow</i>
2002 – 03	National Science Foundation GK-12 Program

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	<i>Kindergarten-Through-Infinity Teaching Fellow</i>
2002, 2003	National Science Foundation Graduate Research Fellowship Program <i>Honorable Mention</i>
2001 – 03	S.C. Johnson Distinguished Fellowship <i>Graduate Research Fellow</i>
2001 – 02	University of Wisconsin <i>University Fellow</i>
2001	National Clean Cities, Inc. <i>Coordinator Achievement Recognition Award</i>

Teaching

I have taught a range of courses in the US, Sweden, France, and South Korea, all of which focus on student-centered learning. At student requests, I have designed and given several workshops on research design and presentation. I also engage in the scholarship of teaching and learning, and see teaching as a compliment to my research program. Please see my [website](#) for full teaching [philosophy](#) and description of innovative teaching activities, including the "Climate Change: We Can Fix It World Café."

Course Responsible

2022	Methodologies for Sustainability Science. 7.5 ECTS (co-responsible with Maja Essebo) Design and deliver course on research design, philosophy, ethics, and practice to prepare students for researching and writing masters' thesis.
2021	Storytelling for Science in the Ecological and Climate Emergencies . Bolin Center, Stockholm University. PhD course. <i>Designed and co-led PhD course on science communication.</i>
2013-2018	Earth Systems Science, Lund University. 10 ECTS credits. <i>Designed and led course on the nine Planetary Boundaries in sustainability science (based on Rockström et al., 2009, Nature) for MSc students, including research and experimental design, quantitative data analysis, three day field camp, and introduction to scientific writing.</i>
2017	Write for Change, Lund University. 3 ECTS credits. <i>Designed and secured funding for 1 week intensive PhD course on academic and popular science writing. Co-taught with Mark Fischetti, editor from Scientific American.</i>
2011, 2012	Environmental Problem Awareness, Lund University. 7.5 ECTS credits. <i>Designed and led course on human and natural sustainability challenges, including skills in research and experimental design, three day field camp, and introduction to academic writing.</i>
2012	Global Climate and Environmental Change, Global Collaborative Program, Kyung Hee University, Suwon, South Korea (co-responsible with Stefan Anderberg) <i>Designed and taught the first two weeks of an intensive four-week course on climate and global change for undergraduate and postgraduate students participating in international summer exchange program.</i>
2010-2013	Rural Systems and Sustainability, Lund University. 7.5 ECTS credits. <i>Designed and led MSc course on climate and land use change and sustainable agriculture, including lectures, field trips, problem sets, case studies, and intensive scientific writing in preparation for the MSc thesis.</i>

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Module Responsible

2011- 2013 Quantitative Methods in Sustainability, Lund University
Designed and led 2 week MSc course on data organization, visualization, analysis, and statistical interpretation using Excel and software package R.

Co-Instructor

Invited Guest Lecturer & Academic Workshop Leader

10-20 guest lectures in undergraduate and graduate courses across the natural and social sciences at universities in Sweden, the US, Germany, the UK, etc. per year. Annual presentations at teaching workshops to share best practices, and to provide academic advice to early-career researchers, including "Sharing and celebrating academic failures" for a Postdoc Training [webinar](#) and "10 things I wish I'd known 10 years ago." Guest lecture in "Developing a career in Earth System Governance: Opening Up Science," Earth System Governance conference, Lund. [Blog post & podcast](#).

Popular Scientific Writing for the Public and Policymakers

Books

- 2021** Nicholas, Kimberly. "Under the Sky We Make: How to Be Human in a Warming World." New York: GP Putnam's Sons/Penguin Random House. 324pp. 2nd printing, December 2021.

Newsletter

- 2021-present** Nicholas, Kimberly. "We Can Fix It": Actionable, evidence-based advice from a climate scientist on facing the climate crisis with facts, feelings, and action. Monthly newsletter with over 5,600 subscribers: <https://wecanfixit.substack.com>

Magazines and Newspapers

- 2022** Nicholas, Kimberly. "12 best ways to get cars out of cities- ranked by new research." *The Conversation*, April 2022. Over 50,000 reads; 2nd most read article from Lund University in 2022.
- Nicholas, Kimberly and Paula Kuss. "What are the most effective ways to get cars out of cities?" *The Guardian*. 16 April 2022.
- 2021** Nicholas, Kimberly. "My Father Was Sick, But It's My Home That's Dying." *Elle Magazine*. September 2021.
- Nicholas, Kimberly, and Kristian Steensen Nielsen. "The 5 roles you may have to affect climate change." *New Scientist*, 30 September 2021.
- Nicholas, Kimberly. "Wine lover, the climate needs YOU!". *Decanter*, December 2021.
- Ullström, Sara, and Kimberly Nicholas. "Sweden's flight-free movement: how views about holiday air travel are changing." *The Conversation*, 30 Nov 2021
- Nicholas, Kimberly. "Scientists needs to face both facts and feelings when dealing with the climate crisis." *The Guardian*, 24 March 2021
- Nicholas, Kimberly. "I'm an Environmental Scientist and I Hate Earth Day". *The Daily Beast*, April 2021.
- Nicholas, Kimberly. "Experts: Why does 'climate justice' matter?" Carbon Brief, October 7, 2021.

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- 2019 KA Nicholas and Seth Wynes. (2019) "[Flying less is critical to a safe climate future.](#)" Collection to inform policy design for the Green New Deal. Public Administration Review Bully Pulpit. 16 July 2019.
- 2017 **KA Nicholas.** "A hard look in the climate mirror." Scientific American. 12 July 2017.
<https://blogs.scientificamerican.com/observations/a-hard-look-in-the-climate-mirror/>.
- KA Nicholas.** "Calling individual climate leaders." Association for Women in Science magazine, Fall 2017.
<http://www.kimnicholas.com/uploads/2/5/7/6/25766487/nicholas-2017-awis.pdf>
- KA Nicholas.** "Aligning our plates and research: Celebrating a vegetarian conference." Earth System Governance blog. October 2017.
<http://www.earthsystemgovernance.net/lund2017/2017/10/05/aligning-our-plates-and-research-celebrating-a-vegetarian-conference/>
- KA Nicholas.** "Storytelling for science." COMPASS blog. 13 July 2017.
<https://www.compasscomm.org/single-post/2017/07/11/Storytelling-for-Science>
- 2016 **KA Nicholas.** "Surf, seagrass, and sustainable sands." Blog post on ecosystem services of the OPERAs Balearic Islands Exemplar.
<http://operas-project.eu/Surfseagrassandsustainableands>
- 2015 **KA Nicholas.** "Limiting global warming will be hard, but hardly impossible." Guest editorial blog for Scientific American.
<http://blogs.scientificamerican.com/guest-blog/limiting-global-warming-will-be-hard-but-hardly-impossible/> 19 December 2015. Featured on the United Nations Framework Convention on Climate Change homepage.
- KA Nicholas.** "Will climate change our wine?" Earth Day feature on Weather Underground.
<https://weather.com/wunderground/news/news/wine-connects-climate-land-and-people> Published 22 April 2015
- KA Nicholas.** "[Will we still enjoy Pinot noir?](#)" Scientific American (312):1, p. 60-67, January 2015.
- 2014 **KA Nicholas.** "Creating space for the voices of early-career scientists in policy." Invited blog post for Science Advice to Governments network conference. <http://bit.ly/1vZgeIX> 14 October 2014
- KA Nicholas.** "Q&A with Bill McKibben: "Our job is to make sure politicians aren't left to their own devices." Feature story on Road to Paris: Science for Smart Policy.
<http://roadtoparis.info/2014/12/03/qa-bill-mckibben/>

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- 2011 Webb, L.B., O Barbosa, I Granillo, J Green, I Kotze, **KA Nicholas**, L Spence, J Viers, and J Williams. "Green aims given global perspective: New World vineyards compare and consider sustainability approach." Australian and New Zealand Grapegrower and Winemaker 572:32-38.
- 2008 **Nicholas Cahill, K** and CB Field. 2008. "Climate change science and the future of the wine industry." Practical Vineyard and Winery, March/April 2008, 29 (6):16-33.

Op-Eds

- 2023 Karin Gerhardt et al. "Sveriges utsläpp måste minska nu, regeringen." Aftonbladet, 13 April 2023. *531 researchers demanding Swedish government meet their emission reduction obligations.*
- 2022 Karin Gerhardt et al. "Nog nu, politiker – ta klimatkrisen på allvar." Aftonbladet, 25 August 2022. *Nearly 2,000 researchers calling on Swedish politicians to take the climate crisis seriously before the national election.*
- Karin Gerhardt et al. "Du saknar krisinsikt om klimatet, Strandhäll." Aftonbladet, 7 September 2022. *Reply to Sweden's climate minister, Annika Strandhäll, that she lacks urgency in responding to researchers' call for climate action.*
- Julia Norblad, Stephan Barthel, Kristena Boreus, Tim Daw, Daniel Lindvall, **Kimberly Nicholas**, Sofia Näsström, Åsa Persson, Folke Tersman, och Anders Wijkman. "Lyft klimatet – starta ett medborgarråd." Aftonbladet, 12 September 2022. *Call to start a Citizen's Climate Assembly in Sweden to increase democratic participation and urgency.*
- 2021 Kimberly Nicholas and Kristian Steenson Nielson. "Tjänar du minst 28 000 kan dina val vara extra viktiga för klimatet." Aftonbladet, 26 Dec 2021.
- Pia Björstrand, Leo Rudberg, Frida Berry Eklund, Kimberly Nicholas, och Göran Folin. "Utbilda klimatskeptiker om den globala uppvärmningen." Dagens Nyheter, 2 Nov 2021.
- Sara Ullström, Kimberly Nicholas et al. "Stäng Bromma flygplats och ersätt flygen med hållbara alternativ". Aktuell Hållbarhet 22 Sept 2021.
- Kimberly Nicholas. "Kolutsugning och elflyg räddar inte klimatet". Aftonbladet, 8 Aug 2021.
- 2020 Sara Ullström and **KA Nicholas**. (2020). "Räddningspaket till den krisande flygbranschen bör innehålla motkrav på utsläppsminskningar." 23 April 2020. Sydsvenskan.
- 2019 Beatrice Sundberg, ... KA Nicholas + 24 other authors. (2019). "Klimatnödläge – Förbifart Stockholm måste skrotas." Expressen Debatt, 14 Nov 2019.
- Jeffrey Bennett, **Kimberly Nicholas**, Andrew Dessler, and Peter Kalmus. (2019). "The best books on climate change." The Reading Lists.

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Anderson, KA, ... **KA Nicholas** + 18 other lead authors (+ 200 more online). (2019). "Vi klimatforskare stödjer Greta och skolungdomarna." Dagens Nyheter Debatt, 14 March 2019.

Boyd, E, W Carton and **KA Nicholas**. "LUCSUS supports ongoing climate strikes." 15 March 2019.

Research Group Leadership and Mentoring

I am committed to mentoring early-career scientists and involving them in research, starting with supervising nearly 20 undergraduates while a graduate student, and continuing to my group leadership today, which includes successfully mentoring 2 postdocs, 6 PhDs and researchers, and close to 40 master's students, who have gone on to careers in academia, development, government, education, and industry.

Current Lab Members

PhD Students

- 2019- Sara Ullström. Main supervisor. "A journey on the ground: Rethinking air travel behaviors in the wake of climate change." Part of the "Takeoff of Staying on the Ground" Formas project. PhD in Sustainability Science.
- 2022- Sara Löfqvist. External supervisor. "Pathways towards equitable scaling of ecosystem restoration: an assessment of finance, policy, and justice implications." PhD in Environmental Policy, ETH Zurich. Main supervisor: Rachel Garrett.

Postdocs

- 2021- Rebecca Laycock Pedersen. Main supervisor. Postdoc, Formas Mobility Grant for early-career researchers, "*Prefiguring sustainable food enterprises for sustainability education*"
- 2020- Liam Kendall. "Exploring synergies between wild pollinators and climate-smart protein production – a mixed methods approach." Biodiversity and Ecosystem Services in a Changing Climate (BECC) Postdoc Grant. PI: Henrik Smith

MSc Students

Every year I supervise 3-4 MSc dissertations.

Alumni

Postdocs

- 2016 -2019 Murray Scown, Postdoc on the European farming systems project.
- 2017 Stefan Olin, Postdoc on Crafoord-funded climate-neutral landscapes project.

PhD, Licentiate students, and Researchers

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2017-2020	Altaaf Mechiche-Alami. Co-supervised with Jonathan Seaquist. <u>"Food security in a changing climate: The role of cropland intensification and land acquisitions across Africa."</u>
2016-2018	Klara Winkler. PhD from Oldenburg University, Germany. Co-supervised with Bernd Siebenhuner. Dissertation: <i>"Once more with feeling: Harnessing human-nature relationships for the governance of social-ecological systems"</i>
2013 -2018	Emma Li Johansson, PhD Candidate in Physical Geography, Lund University Centre of Excellence for Integration of Social and Natural Dimensions of Sustainability. Co-supervised with Jonathan Seaquist. Dissertation: <i>"Large-scale land acquisitions as a driver of socio-environmental change: From the pixel to the globe."</i>
2012 -2017	Finlay MacGregor, Licentiate in September 2017 in Sustainability Science, Lund University Centre of Excellence for Integration of Social and Natural Dimensions of Sustainability. Dissertation: <i>"Does voluntary governance work? Insights from specialty coffee."</i>
2015 -2017	Heather Schoonover, Researcher, Co-Coordinator of OPERAs Exemplars and Wine Exemplar Lead.
2010 - 2013	Torsten Krause, PhD in October 2013 in Sustainability Science, Lund University Centre of Excellence for Integration of Social and Natural Dimensions of Sustainability. Dissertation: <i>"Buying conservation: Financial incentives for tropical forest conservation in the Ecuadorian Amazon."</i>

Graduated MSc students (degree granted from the Lund University International Master's Programme in Environmental Studies and Sustainability Science (LUMES) unless otherwise noted)

#	Year	Student	Thesis and further publications
37	2022	Ragnhild Kirkhus	Coping with the climate crisis: How to address climate emotions to galvanize sustainability transformations
36	2022	Michael Randall	Does Carbon Pricing Work? A qualitative review of Carbon Pricing's ex-post results, and policy-design suggestions for improving its efficacy
35	2022	Alejandra Revilla Cejudo	Talking about the problem without a solution: The case of climate scientists discussing climate change on Twitter
34	2022	Ross McDonald	Reducing the beef with beef: How a food retailer could reduce their environmental impact by changing what and how they sell

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33	2021	Jessica Villat	<u>Down to Earth: Identifying and Promoting Regenerative Viticulture Practices for Soil and Human Health.</u> Harvard University. Winner of the Dean's Prize for Outstanding Thesis in Continuing Education.
32	2021	Simona Jastremskaite	From Farm to Sea: Applying Michelsen's Six Step Theory to organic farming in Lithuania
31	2021	Paula Kuss	Urban Transition Experiments for Global Sustainability: Learning from effective interventions to reduce car use in Lund municipality
30	2020	Sebastian Maric	<u>"Mobility Solutions in Swedish Municipalities."</u> Masters' in Economics, Lund University.
29	2020	My Knutsson	<u>"Kan våra jordar rädda klimatet?"</u> [Can soil save the climate?] (in Swedish) Masters' in Environmental Science, Lund University.
28	2019	Mathieu Mal	<u>Overcoming obstacles to Lund University's Sustainability Goals: A case study on the use of behavioural insights in canteen settings</u>
27	2019	Cristian Pons-Seres De Brauer	<u>Towards a citizen-driven low-carbon energy transition: Exploring the potential for collective investment schemes in community renewable energy in Europe to reduce greenhouse gas emissions</u>
26	2019	Halley Rainer	<u>From theory to practice: Food waste reduction strategies in literature and a case study of municipalities in Skåne, Sweden</u> Op-ed: <u>Kommuner i Skåne tar stora steg för att minska matsvinnet. Flera av de intressantaste strategierna har med planering att göra</u>
25	2019	Selja Snorraddottir	<u>The buzzing future of food: Opportunities and barriers for Denmark to normalise insects as a sustainable meat alternative</u>
24	2018	Isabell Burian	<u>Up in the air: Academic flying of Swedish sustainability academics and a pathway to organizational change</u> (Main supervisor: Murray Scown)
23	2016	Ellen Redford	<u>Rosé tinted glasses? How a new wine region can adopt existing low carbon practices.</u> Blog post: <u>The Sussex wine industry's opportunity to become UK climate change pioneers</u>

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22	2016	Noor Nasir	<u>Down the Yellow Brick Road: Youth Engagement and Intergenerational equity at the Global Landscapes Forum.</u> Blog post: "Evaluating the Youth in Landscapes Initiative: A leading example of genuine intergenerational collaboration"
21	2016	Pontus Ambros	<u>Bridging to the common ground, adapting to climate change through a sustainable estuarine land use: A study of the Inner Forth, Scotland.</u> Blog post: " <u>Finding a common ground: Using ecosystem services to deal with conflicting interests.</u> "
20	2016	Laura Siepmann	<u>Winegrowers' motives and barriers to convert to organic farming in Pfalz and Rheinhessen, Germany,</u> Department of Earth Sciences, Uppsala University. Publication: <u>Siepmann, Laura, and Kimberly A Nicholas.</u> 2018. "German winegrowers' motives and barriers to convert to organic farming." <i>Sustainability</i> , 10(11), 4215; doi: <u>10.3390/su10114215</u> Blog posts: <u>Wine, almond blossoms, and earthworms-</u> reflections from fieldwork. <u>Organic farming through winegrowers' eyes-</u> popular science summary of the thesis results
19	2015	Seth Wynes	<u>Carbon and curriculum: Towards an evidence-based climate change education in Canada.</u> <u>Wynes, Seth</u> and KA Nicholas . "The Climate Mitigation Gap: Education and Government Recommendations Miss the Most Effective Individual Actions." <i>Environmental Research Letters</i> 12(7). DOI: <u>10.1088/1748-9326/aa7541</u> Outreach materials <u>here</u> . <u>Wynes, Seth,</u> and KA Nicholas . Climate science curricula in Canadian secondary schools focus on warming, not impacts or solutions." <i>PLoS ONE</i> 14(7): e0218305. https://doi.org/10.1371/journal.pone.0218305 .
18	2015	Shrina Kurani	<u>Forget about carbon – let's go on holiday! Using tourist values to conserve seagrass meadows.</u> OPERAs blog post: " <u>Seagrass in the Mediterranean.</u> "

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17	2015	Marius von Essen	<u>Cork before Cattle: Quantifying Ecosystem Services in the Portuguese Montado and Questioning Ecosystem Service Mapping.</u> <u>Marius von Essen</u>; Inês T. do Rosário; Margarida Santos-Reis; and Kimberly A. Nicholas. "Valuing and mapping cork and carbon across land use scenarios in the Portuguese montado landscape." 2019. PLoS ONE 14(3): e0212174. https://doi.org/10.1371/journal.pone.0212174 Blog posts for OPERAs project: <u>The Portuguese Montados: Cork Before Cattle</u>, on quantifying cork and carbon sequestration. <u>Should we base investments on InVEST?</u>, on issues with quantifying services.
16	2015	Rhianna Dean	<u>The lot of the farmer: Climate change adaptation in the Victorian wine industry</u>
15	2014	Nadia Karami	<u>The Food Short List: Recommendations for Swedish consumers to reduce the environmental impact of their food choices.</u>
14	2014	Luisa Fernanda Suarez Roso	<u>We are what we eat Investigating enabling factors for dietary change and sustainable diets in Skåne.</u>
13	2014	Verena Hermelingmeier	<u>Harmonizing OPERAs voices: An investigation of different perspectives on the ecosystem services concept and their implications for research and practice.</u> <u>Hermelingmeier, V and KA Nicholas</u>. 2017. "Identifying five different perspectives on the ecosystem services concept using Q-methodology." <i>Ecological Economics</i> 136: 255-265. http://dx.doi.org/10.1016/j.ecolecon.2017.01.006 OPERAs blog post: "<u>One concept, many perspectives.</u>"
12	2014	Klara Winkler	<u>More than wine: Cultural ecosystem services in vineyard landscapes.</u> <u>Winkler, KJ, and KA Nicholas</u>. 2016. "More than wine - cultural ecosystem services in vineyard landscapes in England and California." <i>Ecological Economics</i> 124: 86-98.

			OPERAs blog post (in 4 languages): More than wine: Perspectives on local values and vineyard landscapes Winkler, K, JH Viers, and KA Nicholas. 2017. "Assessing ecosystem services and multifunctionality for vineyard systems." <i>Frontiers in Environmental Science</i> 5:15; doi: 10.3389/fenvs.2017.00015. OPERAs blog post: Ecosystem services uncorked: how do vineyards fit in to Nature's scheme?
11	2013	David Lam	Environmental impacts in global value chains: Using Hot Spot Analysis to identify priorities for improving the sustainability of German coffee production and consumption
10	2013	Pórhildur Ósk Halldórsdóttir	Local food in Iceland: Identifying behavioral barriers to change towards increased production and consumption. Halldórsdóttir, TO, and KA Nicholas. Local food in Iceland: Identifying behavioral barriers to increased production and consumption. <i>Environmental Research Letters</i> 2016 11(11). Poster presented at Lund University Masters Thesis Research Symposium.
9	2102	David O'Byrne	Sustainability now! A review of the current state of academic programmes in sustainability O'Byrne, D, W Dripps, and KA Nicholas. 2014. "Teaching and learning sustainability: An assessment of the curriculum content and structure of sustainability degree programs in higher education." <i>Sustainability Science</i> 9 (3).
8	2012	Kathleen Whitfield	Walking in two worlds... and not doing too well in either: Investigating vulnerabilities and adaptation to climate change in Nunavut, Canada
7	2012	Cormac Woods	A cross national comparative study on the utilisation of private forestry in the development of local wood energy supply chains
6	2012	Leila McElvenney	Can Africa feed the world? Land acquisitions as a food security solution (co-supervised with PhD candidate Torsten Krause)

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			KA Nicholas, J Seaquist, <u>E. Johansson</u> , and <u>L. McElvenney</u> . "Global land grabs: Patterns, processes, and potential contributions to food security." Poster presentation at Worlds Within Reach: From Science to Policy, IIASA 40 th Anniversary Conference. 24-26 October, 2012. Vienna, Austria.
5	2012	Mulugeta Mallede Gessei	<u>Towards improving smallholder agriculture: Role of climate information services in Ethiopia</u> (co-supervised with PhD candidate Elina Andersson)
4	2011	Kyle Clark	<u>Urban food forestry: low-hanging fruit for improving food security?</u> Clark, K, and KA Nicholas . 2013. "Introducing urban food forestry: A multifunctional approach to increase food security and provide ecosystem services." Landscape Ecology 28 (6). Website: urbanfoodforestry.org
3	2011	Salome Hallfreðs-dóttir	<u>Eco Schools – Are They Really Better? Comparison of Environmental Knowledge, Attitude and Actions between Students in Environmentally Certified Schools and Traditional Schools in Iceland</u>
2	2011	Hsu Chia Sui	<u>Resilience in space: an experimental analysis of resilience in urban flood management in the Taipei Basin</u>
1	2011	Joshua Darrach	<u>The role of youth in climate negotiations: An exploratory study into the effects of constituency status on youth participation in the UNFCCC</u>

Graduate Student Evaluation

PhD Examination

2021

7. Agnes Kreil. "Reducing the climate impact associated with air travel: Shifting perspectives within and beyond academia." ETH Zurich. Recipient of ETH Medal for a dissertation that is "impressive, thought-provoking and of high practical relevance" (awarded to top 8 out of 100 dissertations)

2018

6. Klara Winkler. *"Once more with feeling: Harnessing human-nature relationships for the governance of social-ecological systems."* Oldenburg University, Germany.
5. Jan Hendrik Blanke. "European ecosystems on a changing planet: Integrating climate change and land-use intensity data." Department of Physical Geography and Ecosystem Science, Lund University, Sweden. (Alternate)
4. Katja Schmidt. "Assessing, testing, and implementing socio-cultural valuation methods to operationalise ecosystem services in land use management." Faculty of Mathematics and Natural Sciences, University of Potsdam, Potsdam, Germany.

2017

3. Evelien de Olde. "Sustainable development of agriculture: Contribution of farm-level assessment tools." Graduate School of Science and Technology, Aarhus University, Aarhus, Denmark.

2016

2. Rebecka Malinga. "Ecosystem services in agricultural landscapes: A study on farming and farmers in South Africa and Sweden." Stockholm Resilience Centre, Stockholm University.

2015

1. Juan Carlos Rocha. *"Regime Shifts in the Anthropocene."* Stockholm Resilience Centre, Stockholm University.

PhD Student Mid-term Opposition

2013

2. Kersten Baumanns. *"Drivers of global land use change: Are increasing demands for food and bioenergy offset by technological change and yield increase?"* Lund University.
1. Cheryl Sjoström. *"Food for naught: The global food system and the African smallholder."* Lund University.

MSc Thesis Examiner and Opponent

2022 Examined 12 theses in LUMES

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2021 Examined 8 theses in LUMES
2017-2011 Opponent to 11 LUMES theses

Scientific Conference Organization and Presentations

I am an active contributor to the scientific community through speaking at invited, plenary, and parallel conference sessions, as well as contributing to the community by organizing sessions at university, national, and international conferences on topics including reducing flying, sustainable food and wine, and high-impact climate and biodiversity actions. A calendar of recent and upcoming talks is on my [website](#).

Professional Development: Leadership and Pedagogical Training

I seek out opportunities to increase my skills in research group management, teaching, and communication, and have participated in diverse trainings offered by four universities as well as nonprofit organizations.

- 2017 **Amazing Leaders: Lead to Succeed.**
Half-day workshop on self-leadership, sponsored by WINGS (Women in Amazing Sciences, Lund University).
- 2017 **Vega Fellow in Science Leadership and Communication**
Intensive one-week training for mid-career scientists on strategic thinking, leadership and collaboration, and science communication, with trainers from COMPASS.
- 2016-2017 **Lund University Professional Development Program for Early-Career Faculty (luPOD 2.0)**
One-year program focused on personal and group leadership, research strategy, funding, ethics, collaboration, and outreach, including year-long mentor program.
- 2016 **Pedagogical Means for Teaching and Learning: Syllabus, Assessment, and Digital Tools.** Participated in two-day workshop by Lund University's special research centers (USV) to introduce tools for using flipped classroom, video lectures, realtime surveys, and other tools to improve student learning. I wrote a blog post summarizing what I learned [here](#).
- 2014 **Achieving Equality: What It Takes to Understand and Manage Diversity.** Postdoc Training, Lund University
Participant in half-day workshop on effective strategies for including diverse groups fairly in a research environment.
- 2013 **Docent Course,** LTH Technical Faculty, Lund University.
One-semester course preparing faculty for docent (readership) status. Learned best practices for graduate student research supervision and mentoring. Designed and led research project to evaluate how well PhD students met national learning objectives of Swedish education.
- 2013 **Learning and Teaching in Higher Education, Level 2,** Centre for Educational Development, Lund University
- 2011 **Learning and Teaching in Higher Education, Level 1,** Centre for Educational Development, Lund University
Two semester-long pedagogical courses for Lund faculty emphasizing student-centered learning and theories of knowledge acquisition and application and the use of constructive alignment in curriculum design. Conducted independent research projects on applying the scholarship of teaching and learning to my courses and teaching activities.
- 2013 **Teaching Portfolio Workshop,** Centre for Educational Development, Lund University

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- Participant in half-day workshop on documenting and reflecting on developing teaching expertise for faculty planning on applying for the "Pedagogical Excellence" program at Lund University.*
- 2012 **Finish On Time Workshop**, Lund, Sweden
Participant in one-day workshop for women in science on academic productivity and time and stress management.
- 2008 **NSF-ADVANCE/FORWARD to Professorship**, Gallaudet University, Washington, DC.
- 2007 **Science Course Design**, Stanford Center for Teaching and Learning, Stanford, CA.
- 2006, 2007 **Aldo Leopold Leadership Program**, Program Staff
Coordinated speakers and logistics for one-week intensive training program in science communication for mid-career academic environmental scientists. Participated in trainings to promote effective communication with the media, policymakers, and the public.
- 2002 - 2003 **National Science Foundation GK-12 Teaching Fellow**, Madison, WI.
- 2000 **League of Conservation Voters Environmental Leadership Institute**
Participated in intensive one-week seminar with 30 environmental advocates to learn strategic planning, grassroots campaign organizing, electoral politics, legislative lobbying, message development, targeting, media training, negotiating, budgeting, and fundraising.

Science-Policy Interface and Impact

Regular contributions to linking science and policy, including engagement with international scientific advice to decisionmaking, as well as expertise in policy analysis.

Scientific Policy and Business Advice and Reports

- 2022 Kimberly A. Nicholas et al. "Analys av sju riksdagspartiers klimatpolitik utförd av klimat- och omställningsforskare." Researchers' Desk, 2022.
- 2019 Changing behavior to help meet long-term climate targets. Nicholas KA and S Wynes. Expert Perspective commissioned for World Resources Institute partnership with United Nations Development Program and NDC Partnership.
- 2018 Kims Klimatval: Collaborative project with Katarina Lind, journalist at Sveriges Radio (Swedish Radio) to interview leaders from 8 political parties on their climate policies before national election (in Swedish).
- 2018 Presentation to Swedish Parliament on climate mitigation policies and practices.
- 2017 Presentations to European Commission (DG Environment, DG Research), intergovernmental initiative (JPI Climate), NGOs (BirdLife International), and businesses (RDC Environment, BOS+) on ecosystem services in policy and practice, as synthesis of the OPERAS project.
- 2016 Lead Author. United Nations Environment Program Global Environmental Outlook Assessment for the Pan-European Region (UNEP GEO-6). Chapter 2.2, Climate Change. pp. 49-60.
- 2015 Rosario, IT, M von Essen, **KA Nicholas**, C Maguas, R Rebelo, and M Santos-Reis. 2015. "Site-based ecosystem services mapping and assessment in Portuguese montado agro-forests: Comparing the InVEST and TESSA tools." pp. 34-40. *In*: Barredo et al., 2015. Mapping and assessment of forest ecosystems and their services- Applications and guidance for decision making in the framework of MAES. Joint Research Centre Science for Policy Report. EUR 27751 EN. doi:10.2788/720519. Contribution to the EU Initiative on Mapping and Assessment of Ecosystems and their Services (MAES) supporting the EU Biodiversity Strategy to 2020.
- 2014 **Invited Delegate**, Global Science Advice to Governments, Auckland, New Zealand. One of six early-career scientists invited to first global meeting of science advisors to policy. Wrote conference blog post on the role of early-career scientists in policy (<http://bit.ly/1vZgeIX>), and co-founded Wikipedia page on "Science advice" to make science-policy process more open and transparent.

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- 2010 **Invited Speaker**, International Seminar on Climate Change & Natural Resources Management, US Forest Service. Davis, CA.
- 2010 Cayan, DR, **KA Nicholas**, M Tyree, and M Dettinger. "Climate and phenology in Napa Valley: A compilation and analysis of historical data." Final report prepared for the Napa Valley Vintners.
- 2009 **Invited Speaker**, California Department of Water Resources, Sacramento, CA. ([Slides](#))
- 2009 **Nicholas Cahill, K** and M. Tyree. "Wine grape bloom." pp. 146-149 in: Indicators of Climate Change in California. California Environmental Protection Agency, Sacramento, CA.
- 2008 **Nicholas Cahill, K**. "Evaluation of phenolic compounds in grapes and wines." Technical report prepared as a consultant to Walsh Vineyards Management for their internal use and for distribution to clients.
- 2004-2009 **Scientific Advisor**, State Climate Change Initiatives *Conducted public outreach and education to legislators, regulators, and industry members on the results of studies (Hayhoe et al., 2004; Lobell et al., 2006a, 2006b, 2007) on the potential impacts of climate change on California, focusing on agriculture.*
- 2006 Kong, A, **K Nicholas Cahill**, K Hristova, and L Jackson. "Land use change in California's agricultural landscapes in response to climate change." pp. 65- 74 in: Climate Change: Challenges and Solutions for California Agricultural Landscapes (T. Cavagnero, L. Jackson, and K. Scow, eds.). Report CEC-500-2005-189-SF of the California Climate Change Center.
- 2003 **Nicholas Cahill, K** and CJ Kucharik. "Prairie carbon sequestration." In: Wisconsin Department of Natural Resources Voluntary Emission Reduction Registry: Examples for Quantifying and Registering Emission Reductions. Madison, WI, 53707.
- 2001-2003 **Advisory Committee**, Wisconsin Department of Natural Resources Voluntary Greenhouse Gas Emissions Registry. *Coauthored sample protocol for carbon credits for a prairie restoration and served as advisor to state agency on carbon sequestration issues.*

Environmental Policy Analyst

- 2004 **Visiting Scholar**, The Nature Conservancy, San Francisco, CA.
- Researched and wrote white paper on vineyard development, management, and regulatory trends in coastal California. Reviewed scientific literature on ecological implications of vineyards, and publications by emerging industry programs to promote and evaluate sustainability in the winegrowing industry.
- 1999 - 2001 **Policy Analyst**, Clean Air Council, Philadelphia, PA.

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- Coordinator, Greater Philadelphia Clean Cities Program
Coordinated public/private partnership of U.S. Department of Energy to promote alternative fuel vehicles, including organizing a national meeting for over 900 attendees and 250 local children.
- Statewide Coordinator, Clean Cars for Pennsylvania Campaign
Initiated, obtained funding for, researched, organized, and led a statewide campaign to adopt cleaner motor vehicle emissions standards in Pennsylvania
- Co-Organizer, Recycling Alliance of Philadelphia
Organized grassroots coalition of 24 local businesses, environmental and civic groups to advocate for improved recycling in Philadelphia.
- Manager, Intern and Volunteer Program
Participated in the hiring of interns and volunteers. Direct supervisor to a total of five interns working on reuse and alternative fuels projects.

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Public Science Presentations and Outreach Activities

I have given over 250 public talks to audiences including Members of EU Parliament, over 500 business leaders, festival and museum-goers, youth ages 8-17, climate protesters, politicians, journalists, and student organizations. A selection is below; for the complete list, please see my [website](#).

Scientific Social Media

I am active on social media platforms including Twitter, Medium, and my blog at kimnicholas.com/blog, where I post public communication on research, news, and opinion on sustainability, food systems, climate change, writing, and teaching.

- 2013-present Active on Twitter. @KA_Nicholas, >14,000 followers as of June 2022
- 2017 [Reddit AskMeAnything](#) with Seth Wynes. "AskScience AMA Series: We are climate scientists here to talk about the important individual choices you can make to help mitigate climate change. Ask us anything!" 9 November 2017.
- 2015 Guest curator of @Realscientists Twitter account with over 25,000 followers, posting from Our Common Future Under Climate Change.
- Reddit Ask Me Anything, "Climate Change Solutions." With Eric Holthaus, author of "The Point of No Return" in *Rolling Stone*, and climate scientists. August 2015. <http://tinyurl.com/or3nzvj>
- 2014 PeopleOfClimate project co-organizer. Social media project showcasing participants in the People's Climate March in Lund and Copenhagen, and around the world. Final project [here](#) on Road to Paris; project description [here](#). September 2014.

Selected Press

I have given hundreds of media interviews, including as a go-to live commentator on BBC TV and radio for breaking climate crisis news, as a spokesperson for our research, and as a commentator for current climate events for Fortune, NBC, US News & World Report, USA Today, and others. I have been featured in personal profiles including in Elle Magazine and The Guardian.

Based on interviews with coauthors, press releases, or additional reporting, our research has contributed to the creation of a board game, a theatre production, and a standup comedy show, and been covered in hundreds of additional outlets in the US, Canada, UK, Australia, South Africa, Sweden, Germany, France, Italy, The Netherlands, Belgium, Czech Republic, Slovenia, Lithuania, Netherlands, Hungary, Finland, Russia, China, The Philippines, Thailand, Pakistan, Bangladesh, India, Colombia, Brazil, Argentina, Mexico, Bolivia, and more.

See highlights below and an extended list of media coverage including links here: <https://www.kimnicholas.com/recent-press.html>

Print and Online (English)	BBC Future; BBC Science; NBC News; The Atlantic; The New York Times; Washington Post; USA Today; US News & World Report; Fortune; Decanter; Bloomberg; Elle Magazine (US, Australia); The Guardian; Reuters; Grist; Quartz; Huffington Post; Vox; IFL Science; BuzzFeed; Science; Popular Science; Scientific American; Nature Sustainability; National Post (Canada); Vancouver Sun; Gizmodo; Seattle Times.
Print and online (Swedish)	Svenska Dagbladet; Expressen; Icakuriren; TT; Sydsvenskan; Aftonbladet; Blekinge Läns Tidning; Elle (Sverige); ICON Magasin; FILTER Magasin; Skånska Dagbladet; DagensETC; Tidningen Syre; Hufvudstadsbladet
Print and online (Int'l)	Das Spiegel (Germany); Libération, France24 Down to Earth (France); El Sol de México; China Daily; <i>The Citizen</i> (South Africa); <i>Russia Today</i> ; <i>The Times of India</i> (Mumbai); Respekt (Czech Republic); <i>The Daily Observer</i> (Bangladesh); El Tiempo de Colombia; Umanotera (Slovenia); <i>Infobae</i> (Argentina); <i>Gizmodo</i> (Brazil); <i>Los Tiempos/Etoro Inteligente</i> (Bolivia); <i>La Repubblica</i> (Italy); Yahoo! News (UK/Ireland); <i>The Nation</i> (Thailand); <i>The Nation</i> (Pakistan); <i>Portfolio</i> (Hungary); <i>The Manila Times</i> (The Philippines); <i>DeMorgen</i> (Belgium); <i>Los Tiempos/Etoro Inteligente</i> (Bolivia)

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Live radio & TV interviews	BBC News TV; BBC Radio5 live; WNYC (New York Public Radio) "Please Explain"; Sveriges Radio P1, P4 Malmöhus; Australian Broadcasting Corporation; Southern California Public Radio; Radio Cardiff (Wales)
Radio & podcast coverage	Morning Edition, National Public Radio (USA); Guardian Podcast; BBC World Service; Sveriges Radio Ekot, Vetenskapsradion; Radio Sweden; Radio Cardiff, Wales; Halfway Expert podcast; LRT (Lithuanian Public Radio)
TV	BBC; SVT (Kims Klimatval på Ekot; SVT Nyheter; SVT Kulturnyhetera)
Books	Hertsgaard, Mark. (2011). <i>Hot: Living Through The Next Fifty Years On Earth</i>. New York: Houghton Mifflin Harcourt. Faris, Stephan. (2009). <i>Forecast: The Consequences of Climate Change, from the Amazon to the Arctic, from Darfur to Napa Valley</i>. New York: Henry Holt. Cole, Nancy, with Susan Watrous. (2007). "Across the Great Divide: Supporting scientists as effective messengers in the public sphere." <i>In: Creating a Climate for Change: Communicating Climate Change and Facilitating Social Change</i>. Susanne C. Moser and Lisa Dilling. Eds. Cambridge: Cambridge University Press.

Professional Service

I contribute to the community through expert reviews of international and national funding proposals, books and journal articles, as well through an editorial role at Climatic Change, an interdisciplinary, international journal devoted to the description, causes, and implications of climatic change.

Appointment to Boards and Advisory Committees

2023-	Scientific Council , ENGIE. Paris, France.
2022-	Extended expert group, Towards a Sustainable Swedish food system: a knowledge synthesis of environmental impacts and policy options - Swedish Environmental Protection Agency. (PI: Elin Rööf)
2022-	Scientific reference group lead , Flying less and well-being. Engaging Norwegians in reducing the flight intensity of social practices. CICERO, 12m NOK from The Research Council of Norway. PI: Monica Guillen-Royo.
2022	Times Higher Education Global Academic Reputation Rankings - selected to take part based on research publication record.
2021-present	Advisory Board , Planetary Health Diets for European Citizens. Horizon Europe consortium. PI: Ina Danquah.
2021-2022	Advisory Board , <u>Framtidsland</u> .
2018-2021	Board of Directors , Lund University Centre for Sustainability Studies. <i>Oversee budget and strategic direction for my department.</i>
2016- 2020	Board of Directors , Centre for Environmental and Climate Research, Lund University. <i>Vote on appointments, budget, and strategic direction for interdisciplinary center supporting research, education, and outreach.</i>
2015- 2022	Advisory Board , ClimBEco Graduate Research School, Lund University (Climate, Biodiversity, and Ecosystem Services in a Changing World). <i>Advise development of interdisciplinary PhD education program.</i>
2015- 2016	Regional Expert , European Assessment, Climate Change, United Nations Global Environmental Outlook (UNEP-GE06)
2015- 2016	Expert Advisor , Global Colleagues Program, Academics Stand Against Poverty (ASAP)
2007 - 2010	Invited member , UNESCO "Culture et Traditions du Vin" Researchers

Review Service- Funding Agencies, Books, and Scientific Reports

2019	Intergovernmental Panel on Climate Change (IPCC) , Sixth Assessment Report. Invited reviewer for Zero Order Draft of Chapter 1, Working Group III: Introduction and Framing.
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2017-2018	Independent Expert Reviewer, EU Horizon 2020 , Project progress review for "Small farms, small food businesses and sustainable food security (SALSA)" First Reporting Period.
2016	External Expert Reviewer , International Council for Science (ICSU), Report on Sustainable Development Goal interactions- Chapter 2 (Food security and sustainable agriculture).
2014	External Expert Reviewer , European Union Framework Programme for Research and Innovation, Horizon 2020, "Biodiversity and ecosystem services: Drivers of change and causalities."
2014-2015	Princeton University Press , Biology and Earth Sciences Division. Invited book review for Matson, Clark, and Andersson: "Pursuing Sustainability: A guide to the science and practice."
2013	External Expert Reviewer , Deutsche Forschungsgemeinschaft (German Research Foundation), "Land Use Change and Land Use Management under Conditions of Global Change" and "Physical Geography" calls.
2013	External Expert Reviewer , European Research Council (Environment, Space, and Population panel).
2013	Review Panel Member , National Science Foundation
2011	Review Panel , Dissertation Initiative for the Advancement of Climate Change Research (DISCCRS), Fellows selection committee

Editorial Service

2012 - 2020	Associate Deputy Editor , Climatic Change
2008 – 2012	Editorial Board Member , Agriculture, Ecosystems, and Environment

Peer Reviewed Referee

- Agriculture, Ecosystems, and Environment
- Ambio
- American Journal of Enology and Viticulture
- Climatic Change
- Earth Interactions
- Ecological Applications
- Ecological Economics
- Environmental Research Letters
- EOS
- Global Biogeochemical Cycles
- Global Environmental Change
- IPCC Fourth Assessment Report of Working Group II (Chapter 4: Ecosystems)

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- Nature Climate Change
- Proceedings of the National Academy of Sciences
- Tourism Management Perspectives

Additional Information

Professional Memberships

- 2001 - American Geophysical Union
- 2004 - Earth Science Women's Network
- 2005 - Ecological Society of America
- 2005 - American Society for Enology and Viticulture
- 2011 - Women IN Great Sciences (WINGS), Lund University

Citizenship: USA, Sweden (dual)

Language Skills:

- Mother tongue English
- Fluent in Swedish
- Proficient in Spanish
- Beginner French (6 months university study)