

CURRICULUM VITAE

VERENA SEUFERT

Sustainable Use of Natural Resources (430c), Institute of Social Sciences in Agriculture – University of Hohenheim,
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PERSONAL INFORMATION

Name Seufert, Verena

Date of Birth January 31, 1986

Nationality German

EDUCATION

2010 - 2016 **Doctor of Philosophy in Geography**, McGill University, Montreal, Canada.

PhD thesis examining the contribution of organic agriculture to global sustainable food security. Supervisor: Navin Ramankutty. Supervisory committee: Madhav Badami, Elena Bennett, Sarah Turner.

2004 – 2009 **Diploma in Biology**, Julius Maximilians University of Würzburg, Germany.

Diploma thesis at the *Potsdam Institute for Climate Impact Research (PIK)* about the role of nitrogen in crop productivity and its implementation into a model of the managed planetary land surface. Supervisors: Christoph Müller, Wolfgang Cramer (PIK) and Werner Kaiser (University Würzburg).

1992 - 2004 **European Baccalaureate**, European School of Varese, Italy.

APPOINTMENTS

Since 2021 **Junior Professor** (W1) for Sustainable Use of Natural Resources, *Institute of Social Sciences in Agriculture, University of Hohenheim*, Stuttgart, Germany (at 0.8 FTE due to caregiving responsibilities)

September 2021-
May 2022 **Sick leave and then maternity leave**

2019-2021 **Assistant Professor** (tenure-track) for Land Use and Food System Dynamics, Department of Environmental Geography, *Institute for Environmental Studies (IVM), Vrije Universiteit (VU) Amsterdam*, Amsterdam, The Netherlands (since April 2020 at 0.7 FTE due to part-time parental leave).

October 2019-
April 2020 **Maternity leave**

2017-2019 **Postdoctoral Fellow** in the Land Use Change Research Group at the *Institute of Meteorology and Climate Research (IMK-IFU), Karlsruhe Institute of Technology (KIT)*, Garmisch-Partenkirchen, Germany.

2017 Third place in appointment procedure for W1 tenure-track position in Biogeography, Biodiversity and Ecosystem Services, *Department of Geosciences/ Geography, Goethe University Frankfurt*, Germany.

2017 Second place in appointment procedure for tenure-track Assistant Professor position in Earth System Science, *Department of Geography, University of Zürich*, Switzerland.

April 2017 **Visiting Scientist** at the *Joint Research Unit (UMR) of Agronomie*, at *INRA (French National Institute for Agricultural Research)*, and *AgroParisTech (Paris Institute of Technology for Life, Food and Environmental Sciences)*, France.

2016-2017 **Postdoctoral Fellow** at the *Liu Institute for Global Issues*, and the *Institute for Resources, Environment and Sustainability (IRES)*, *University of British Columbia*, Vancouver, Canada.

2010-2016 **Graduate research assistant** at the *Department of Geography, McGill University*.

2011-2013 **Researcher** on EarthStat project developing detailed global datasets for improving agricultural sustainability, funded by the Gordon and Betty Moore Foundation, USA at the *Department of Geography, McGill University*.

2007 **Research assistant** in the project *Biodiversity Exploratories, Invertebrates II* in the team of Nico Blüthgen, *Department of Tropical Biology and Animal Ecology, University of Würzburg*.

AWARDS AND SCHOLARSHIPS

- 2019 JWC Peereboom Award for most remarkable publication, Institute of Environmental Studies (IVM), Vrije Universiteit (VU), Amsterdam.
- 2018-2020 Member of the 1st Postdoc Academy for Transformational Leadership, Robert Bosch Foundation.
- 2018 Best Poster Award, Landscape 2018 Conference, Berlin.
- 2017 Postdoctoral Fellow Travel Award, University of British Columbia (\$1,500).
- 2016 Young Researcher Best Oral Presentation, Global Land Project (GLP), 3rd Open Science Meeting, Beijing.
- 2015 Dissertation Writing Stipend, Department of Geography, McGill University (\$4,160).
- 2014 Dissertation Writing Stipend, Department of Geography, McGill University (\$3,000).
- 2013 Heller Family Fellowship in Arts and Sciences (\$5,000).
- 2012 McGill Institute for the Study of International Development (ISID) Research to Practice Graduate Student Fellowship in Development Studies (\$2,000).
- 2012 Global Environmental and Climate Change Centre (GEC3) Graduate Student Stipend (\$2,000).
- 2011 GEC3 Student Travel Award (\$1,000).
- 2011 GEC3 Graduate Student Stipend (\$4,000).
- 2010 Principal's Graduate Fellowship, McGill University (\$5,000).
- 2010 Graduate Enrolment and Recruitment Initiative Fellowship, McGill University (\$10,000).
- 2007 Short Internship Scholarship from the German Academic Exchange Service (DAAD) for a research project on seed dispersal by Sykes monkeys in South Africa (800€).
- 2004 Liane-Wuttig prize from the zis Foundation for Travel Grants for the study project "Galicias black trauma – the consequences of the Prestige accident for land and people" (250€).
- 2004 Travel grant from the zis Foundation for a study trip to Galicia, Spain investigating the consequences of a tanker accident for land and people (500€).

TEACHING EXPERIENCE

MSc level

- 2019, 2020, 2021 **Course coordinator and Instructor**, *Metropole Ecology* (AM_1199), 6 EC, Vrije Universiteit (VU) Amsterdam.
- 2019, 2020 **Course coordinator and Instructor**, *Causes and Consequences of Environmental Change* (AM_1049), 6 EC, Vrije Universiteit (VU) Amsterdam.
- 2020 **Instructor**, *Food Systems & Sustainability* (AM_1262), 6 EC, Vrije Universiteit (VU) Amsterdam, contributed to course design, lecture content and main assignment.
- 2019, 2020 **Instructor**, *Land Use Change and Ecosystems* (AM_1235), 6 EC, Vrije Universiteit (VU) Amsterdam, responsible for a module on 'Land Use and Food Systems'.
- 2019 **Instructor**, *Methods of Environment and Resource Management* (AM_1135), 6 EC, Vrije Universiteit (VU) Amsterdam, responsible for a 2-week module on 'Spatial Analysis'.
- 2018 **Instructor**, *Concepts in Socio-ecological systems*, 2 SWS, Institute of Geography and Geoecology (IfGG), Karlsruhe Institute of Technology (KIT).
- 2018 **Instructor**, Summer School on *Ecosystems and Land Use Change*, Institute of Meteorology and Climate Research (IMK-IFU), Karlsruhe Institute of Technology (KIT).
- 2017 **Guest lecture** on 'Organic agriculture and biodiversity' in *Agronomy for Global Issues*, AgroParisTech, France.
- 2016, 2017 **Guest lecture** on 'Contribution of organic agriculture to global sustainable food security' in *Global Food Security and Sustainability* (RMES 500T), IRES, University of British Columbia.

BSc level

- 2020 **Instructor**, *World Food and Ecosystems* (5132WOF6Y), 6 EC, University of Amsterdam (UvA), responsible for a lecture on ‘Global Sustainable Food Security – Challenges, Claims & Solutions’.
- 2017 **Guest lecture** on ‘Is organic agriculture more environmentally friendly?’ in *First Year Seminar in Science* (SCIE 113), University of British Columbia.
- 2013 **Course coordinator and Instructor** - *Analyzing Sustainability* (GEOG 360), Dept. Geography, McGill University.
- 2012 **Guest lecturer and Teaching assistant** - *Analyzing Sustainability* (GEOG 360), Dept. Geography, McGill University.
- 2011, 2012 **Guest lecture** on ‘Organic agriculture and soils’ in *Soils and Environment* (GEOG 305), Dept. Geography, McGill University.
- 2010 **Teaching assistant** - *Geographical Perspectives on World Environmental Problems* (GEOG 200), Dept. Geography, McGill University.
- 2006, 2007 **Teaching assistant** in laboratory courses on *Photobiology* and *Cytology and Anatomy of Plants*, Dept. Molecular Plant Physiology and Biophysics, University of Würzburg.

Other levels

- 2017 **Instructor, Future Global Leaders program** (summer program for K12 students) – *Global Food Security: Challenges, Claims and Solutions*, University of British Columbia.
- 2017 **Instructor, One Day @ UBC course** (lecture for the general public) – *Separating the wheat from the chaff - what do we know about how best to produce our food?*, University of British Columbia.

STUDENT SUPERVISION

MSc thesis students

- VU Nicole Brusa, Catherine Fayet, Julia Gawlik, Thilo Heinecke, Linda Hes, Alyah Kanso, Marisa Torres, Daan van Zelm, Marlon Sippel (UvA), Andrés Rucabado (UvA), Daniela Palma Munguia (UvA)

BSc thesis students

- VU Sam Braun
- McGill Miriam Aczel, Stephanie Austin, Lauren Mechak

Graduate research assistants

- UBC Natasha Salter, Matt Strimas-Mackey, Qorvette Waford
- McGill Johanna Bleecker, Morgan Boenke, Susanna Klassen, Kimberly Milligan, Andrea Reid

Undergraduate research assistants

- UBC Aneeta Antony, Brenton Chookolingo, , Taylor Hinds, Melinda Yogendran
- McGill Daniel Haberman, Corey Lesk, Zelda Moran

Internship students

- McGill Rebekka Gerlach, Tabea Mayerhofer

Field assistants

- McGill Stephanie Austin, Haseena Kadiri, Vishnu Satheesan

PROJECT GRANTS

As Principal Investigator (PI) or Co-PI

- 2022-2026 “Bright spots of climate-smart agriculture – learning from high-performing farming systems” (BrightspotsCSA), funded by *NWO-DBT Cooperation India-The Netherlands*.
- Total funded: 1,348,350€ Amount responsible for: 699,561€ Role: Co-PI (*rendered project responsibility due to move to new institution*)

- 2021-2025 Robert Bosch Junior Professorship 2021 for Sustainable Use of Natural Resources on project “Bright spots in agricultural systems – Learning from high-performing farming systems across contexts and scales”, funded by the *Robert Bosch Foundation*.
Total funded: 1,000,000€ Amount responsible for: 1,000,000€ Role: PI
- 2019 Integrative project “Looking where no one is looking – a Food System Horizon Scan to identify emerging food system issues” funded by *Amsterdam Sustainability Institute (ASI)*, *VU University Amsterdam* (Co-PIs: Verena Seufert, Lia van Wesenbeeck, Tomris Cesuroglu, VU).
Total funded: 10,000€ Amount responsible for: 10,000€ Role: Co-PI
- 2018 Project “Global Food System Transitions: should we follow the Wizard or the Prophet?” funded within the Grand Challenges program of the *Institute of Environmental Studies (IVM)*, *VU University Amsterdam* (Co-PIs: Verena Seufert, Jampel Dell’Angelo, Ted Veldkamp, VU).
Total funded: 2,000€ Amount responsible for: 2,000€ Role: Co-PI
- 2018 Workshop funded by *SESYNC (National Socio-Environmental Synthesis Centre)*, *US National Science Foundation (NSF)* on “Wicked problems in food system solutions” (Co-PIs: Verena Seufert, KIT; Graham MacDonald, McGill University).
Total funded: \$15,500 Amount responsible for: \$15,500 Role: Co-PI
- 2012-2014 Project funded by *Grantham Foundation, USA*, on “How do organic, conventional and biotech farms stack up? Comparing the yield and environmental performance of different farming systems around the globe” (Co-PIs: Navin Ramankutty, Verena Seufert, McGill University; Paul West, James Gerber, University of Minnesota).
Total funded: \$180,000 Amount responsible for: \$90,000 Role: Co-PI

As Co-Investigator

- 2020-2024 Innovative Training Network (ITN) “Capture, recycling and societal management of phosphorus in the environment (RecaP)” funded by H2020 MSCA, European Commission (PI: Kasper Reitzel, University of Southern Denmark).
Total funded: 4,255,995€ Amount responsible for: 266,000€ Role: WP-lead; Co-Investigator (*rendered project responsibility due to move to new institution*)
- 2020 Service contract “Climate change and bio-economy – sustainability gap analysis for the agricultural sector” for European Environmental Agency (EEA) (PI: James MacGregor, Ramboll)
Total funded: 71,000€ Amount responsible for: 9,000€ Role: Senior researcher
- 2019-2023 Project “FunProd – Relationships between functional diversity and food production and quality under ecological intensification” funded within the *BiodivERsA* 2018-2019 Joint Call (PI: Klaus Birkhofer, Brandenburg University of Technology).
Total funded: 242,936€ Amount responsible for: / Role: Co-Investigator
- 2015-2018 ALECAPAB project funded by *INRA (French National Institute for Agricultural Research)* on “Large-scale analysis of the productive capacity of organic agriculture” (PI: Thomas Nesme, Bordeaux Sciences Agro).
Total funded: 187,000€ Amount responsible for: / Role: Co-Investigator
- 2014-2018 Project funded by *Swedish Research Council (Vetenskapsrådet, VR)* on “Agromes: mapping the environmental, economic, and social trade-offs of European farming systems across scales” (PI: Kimberly Nicholas, Lund University).
Total funded: 650,000€ Amount responsible for: / Role: Co-Investigator

PEER-REVIEWED PUBLICATIONS (citations from Google Scholar; **H-Index: 16**)

- 20 Meyfroidt, P., de Bremond, A., Ryan, C.M., Archer, E., Aspinall, R., Chhabra, A., Camara, G., Corbera, E., DeFries, R., Díaz, S., Dong, J. (...), **Seufert, V.**, (...) & zu Ermgassen, E. K. H. J. (2022). Ten facts about land systems for sustainability. *Proceedings of the National Academy of Sciences* 119(7), p.e2109217118. *Citations: 8*

- 19 Beillouin, D., Ben-Ari, T., Malézieux, E., **Seufert, V.** & Makowski, D. (2021). Positive but variable effects of crop diversification on biodiversity and ecosystem services. *Global Change Biology* 27(19): 4697-4710. *Citations: 41*
- 18 Barbieri, P., Pellerin, S., **Seufert, V.**, Smith, L., Ramankutty, N. & Nesme, T. (2021). Global option space for organic agriculture is delimited by nitrogen availability. *Nature Food* 2(5): 363-372. *Citations: 18*
- 17 Kernecker, M., **Seufert, V.** & Chapman, M. (2021). Farmer-centered ecological intensification: combining innovation and system characteristics to support a transition of agroecosystems towards sustainability. *Agricultural Systems* 191: 103142. *Citations: 8*
- 16 Care, O., Bernstein, M., Chapman, M., Díaz Reviriego, I., Dressler, G., Felipe-Lucia, M., Friis, C., Graham, S., Hänke, H., Haider, L., Hernandez-Morcillo, M., Hoffman, H., Kernecker, M., Nicol, P., Piñeiro, C., Pitt, H., Schill, C., **Seufert, V.**, Shu, K., Valencia, V., Zaehring, J. (2021). Creating leadership collectives for sustainability transformations. *Sustainability Science* 16: 703-708. *Citations: 14*
- 15 Shade, J., Cattell Noll, L., **Seufert, V.**, Galloway, J. N. & Erisman, J. W. (2020). Decreasing reactive nitrogen loss in organic agricultural systems. *Organic Agriculture* 11(2): 217-223. *Citations: 3*
- 14 Noll, L. C., Leach, A., **Seufert, V.**, Galloway, J., Atwell, B., Erisman, J. W. & Shade, J. (2020). The nitrogen footprint of organic agriculture in the United States. *Environmental Research Letters* 15(4), 045004. *Citations: 16*
- 13 Ramankutty, N., Ricciardi, V., Mehrabi, Z. & **Seufert, V.** (2019). Trade-offs in the performance of alternative farming systems. *Agricultural Economics* 50(S1), 97-105. *Citations: 15*
- 12 Reitzel, K., Bennett, W. W., Berger, N., Brownlie, W. J., Bruun, S., Christensen, M. L., Cordell, D., Van Dijk, K., Egemose, S., Eigner, H., Glud, R. N., Gronfors, O., Hermann, L., Houot, S., Hupfer, M., Jacobs, B., Korving, L., Kjærgaard, C., Liimatainen, H., Van Loosdrecht, M. CM., Macintosh, K. A., Magid, J., Maia, F., Martin-Ortega, J., McGrath, J., Meulepas, R., Murry, M., Neset, T.-S., Neumann, G., Nielsen, U. G., Nielsen, P. H., O'Flaherty, V., Qu, H., Santner, J., **Seufert, V.**, Spears, B., Stringer, L. C., Stutter, M., Verburg, P. H., Wilfert, P., Williams, P. N., Metson, G. S. (2019). New training to meet the global phosphorus challenge. *Environmental Science & Technology* 53(15), 8479-8481. *Citations: 24*
- 11 **Seufert, V.**, Granath, G. & Müller, C. (2019). A meta-analysis of crop response patterns to nitrogen limitation for improved model representation. *PLoS ONE* 14(10), e0223508. *Citations: 1*
- 10 Eyhorn, F., Muller, A., Reganold, J. P., Frison, E., Herren, H., Luttikholt, L., Müller, A., Sanders, J., Scialabba, N., **Seufert, V.** & Smith, P. (2019). Sustainability in global agriculture driven by organic farming. *Nature Sustainability* 2(4), 253-255. *Citations: 142*
- 9 Barbieri, P., Pellerin, S., **Seufert, V.** & Nesme, T. (2019). Changes in crop rotations would impact food production in an organically farmed world. *Nature Sustainability* 2(5), 378-385. *Citations: 24*
- 8 Muneret, L., Mitchell, M., **Seufert, V.**, Aviron, S., Djoudi E. A., Pétilon, J., Plantegenest, M., Thiéry, D. & Rusch, A. (2018). Evidence that organic farming promotes pest control. *Nature Sustainability* 1(7), 361-368. *Citations: 86*
- 7 Frei, B., Renard, D., Mitchell, M., **Seufert, V.**, Chaplin-Kramer, R., Rhemtulla, J. & Bennett, E. (2018). Bright spots in agricultural landscapes: Identifying areas exceeding expectations for multifunctionality and biodiversity. *Journal of Applied Ecology* 55(6), 2731-2743. *Citations: 32*
- 6 **Seufert, V.** & Ramankutty, N. (2017). Many shades of grey - The context-dependent performance of organic agriculture. *Science Advances* 3, e1602638. *Citations: 300*
- 5 **Seufert, V.**, Ramankutty, N. & Mayerhofer, T. (2017). What is this thing called organic? - How organic farming is codified in regulations. *Food Policy* 68, 10-20. *Citations: 184*
- 4 Erb, K.-H., Luyssaert, S., Meyfroidt, P., Pongratz, J., Don, A., Kloster, S., Kuemmerle, T., Fetzel, T., Fuchs, R., Herold, M., Haberl, H., Jones, C. D., Marín Spiotta, E., Mccallum, I., Robertson, E., **Seufert, V.**, Fritz, S., Valade, A., Wiltshire, A., Dolman, A. J. (2017). Land management: data availability and process understanding for global change studies. *Global Change Biology* 23, 512-533. *Citations: 149*

- 3 Martellozzo, F., Landry, J.-S., Plouffe, D., **Seufert, V.**, Rowhani, P., Ramankutty, N. (2014). Urban agriculture: a global analysis of the space constraints to meet urban vegetable demand. *Environmental Research Letters* 9, 064025 *Citations: 194*
- 2 **Seufert, V.**, Ramankutty, N. & Foley, J. A. (2012). Comparing the yields of organic and conventional agriculture. *Nature* 485, 229-232. *Citations: 2003*
- 1 **Seufert, V.**, Linden, B. & Fischer, F. (2010). Revealing secondary seed removers: results from camera trapping. *African Journal of Ecology* 48, 914-922. *Citations: 33*

OTHER SCIENTIFIC PUBLICATIONS (e.g. book chapters, correspondences, policy briefs)

- 5 Southworth, J., **Seufert, V.**, Seto, K. & Munroe, D. K. (2022). Editorial introduction: women in land science. *Journal of Land Use Science* 17(1): 1-11.
- 4 **Seufert, V.** (2018). Comparing Yields: Organic Versus Conventional Agriculture. In: Anderson, J., Berry, E., Birner, R., Ferranti, P., Galli, A., Grace, D., Hefferon, K. L., Serra-Majem, L. & Singer, P. (Eds.), *Encyclopedia of Food Security and Sustainability*, Elsevier. *Citations: 17*
- 3 **Seufert, V.**, Mehrabi, Z., Gabriel, D. & Benton, T. (2018). Current and potential contribution of organic agriculture to the diversification of the food production system. In: Lemaire, G., Carvalho, P., Kronberg, S. & Recous, S. (Eds.), *Agro-ecosystem Diversity: Reconciling contemporary agriculture and environmental quality*, Elsevier. *Citations: 14*
- 2 Mehrabi, Z., **Seufert, V.** & Ramankutty, N. (2017). The conventional versus alternative agriculture divide: A response to Garibaldi et al. *Trends in Ecology and Evolution* 32, 720-721. *Citations: 13*
- 1 **Seufert, V.** (2012). Organic agriculture as an opportunity for sustainable agricultural development. *ISID Research to Practice Policy Briefs*, Policy Brief No. 13, McGill Institute for the Study of International Development (ISID). *Citations: 31*

PRESENTATIONS (only oral presentations listed; * = invited)

- 2022 ***Seufert, V.**, Das System Bio – Nachhaltig die Welt ernähren? KTBL-Tage 2022, Kuratorium für Technik und Bauwesen in der Landwirtschaft E.V. (KTBL), Magdeburg, Germany, March 24, 2022.
- 2020 ***Seufert, V.**, Opportunities and limitations of organic farming in contributing to more sustainability in agriculture. **Keynote talk** at the R&D Days for Organic Production (FoU-dagarna I ekologisk production), Malmö, Sweden, October 14, 2020.
- 2019 ***Seufert, V.**, Organic agriculture and biodiversity. *Institute for Biodiversity and Ecosystem Dynamics (IBED), University of Amsterdam (UvA)*, Amsterdam, September 23, 2019.
Seufert, V., Analyzing wicked food system solutions – recommendations for more transformative food system research. *Global Land Project (GLP) 4th Open Science Meeting*, Bern, April 24, 2019
***Seufert, V.**, Organic agriculture as a sustainable intensification pathway? Lunch Seminar Series on Food and Nutrition Security, *Amsterdam Centre for World Food Studies (ACWFS)*, Amsterdam, March 19, 2019.
Seufert, V., Analyzing wicked food system solutions – recommendations for more transformative food system research. *Leverage Points 2019 Conference*, Lüneburg, February 7, 2019.
***Seufert, V.**, Many shades of grey – The context-dependent performance of organic agriculture. Keynote input at workshop hosted by *EC DG for International Cooperation and Development*, organized by *Research Institute of Organic Agriculture (FiBL)* on “The contribution of organic agriculture to the SDGs – Scientific evidence from comparative research”, Brussels, February 26, 2019.
***Seufert, V.**, Many shades of grey – The context-dependent performance of organic agriculture. In session on “Impact, measuring organic performance”, *Biofach 2019*, Nürnberg, February 15, 2019.
- 2018 ***Seufert, V.**, Organic agriculture as a sustainable intensification pathway? **Keynote talk** at workshop on “Revisiting global agricultural production for global food security”, *CIRAD (Centre de coopération internationale en recherche agronomique pour le développement)*, Montpellier, November 21, 2018. (see <http://tiny.cc/q33cmz>)

- 2017 *Seufert, V., Many shades of grey – The context-dependent performance of organic agriculture. *Organic World Congress (OWC)*, New Delhi, November 8, 2017.
- *Seufert, V., Success of organic farming depends on who adopts it and why. *UMR CONCEPTS, INRA (French National Institute for Agricultural Research)*, Paris, May 19, 2017.
- *Seufert, V., Overview at the global scale - Organic Agriculture and global sustainable food security. *AgriBio 4 workshop on Upscaling organic production: opportunities and challenges, INRA (French National Institute for Agricultural Research)*, Paris, May 17, 2017.
- *Seufert, V., The context-dependent ecological and social performance of organic agriculture. *UMR Agronomie, INRA (French National Institute for Agricultural Research)*, Thiverval-Grignon, May 9, 2017.
- *Seufert, V., Organic Agriculture and Global Sustainable Food Security. *Interactions Sol Plante Atmosphère (ISPA), INRA (French National Institute for Agricultural Research)*, Bordeaux, April 12, 2017.
- Seufert, V., Mapping European Agromes – management characteristics, environmental outcomes and food production, *Association of American Geographers (AAG) Annual Meeting*, Boston, April 8, 2017.
- *Seufert, V., What is this thing called organic? How organic farming is codified in regulations. *Future of Food Global Dialogue Series, University of British Columbia*, Vancouver, March 29, 2017.
- *Seufert, V., What is this thing called organic? *Lunch and Learn, Canadian Organic Trade Organization (COTA)*, February 23, 2017.
- *Seufert, V., Panel discussion on 'Is a 100% Organic World Environmentally Sustainable?' Food, The Future, And You Symposium, *University of British Columbia, Vancouver, January 26, 2017.*
- 2016 Seufert, V., Agromes – mapping the Agricultural Biomes of the world. *Global Land Project Open Science Meeting*, Beijing, China, October 25, 2016.
- Seufert, V., What is this thing called organic? – How organic farming is codified in regulations. *XIV World Congress of Rural Sociology, International Rural Sociology Association (IRSA)*, Toronto, August 12, 2016.
- Seufert, V., Success of organic farming depends on who adopts it and why. *XIV World Congress of Rural Sociology, International Rural Sociology Association (IRSA)*, Toronto, August 11, 2016.
- *Seufert, V. Farming Systems and Global Sustainable Food Security. Presentation and participation in *Peter Wall International Research Roundtable on 'Future Child Health and World Human Population'*, *University of British Columbia*, Vancouver, April 19-20, 2016.
- Seufert, V., Organic agriculture – a more environmentally friendly farming system? *Association of American Geographers (AAG) Annual Meeting*, San Francisco, April 1, 2016.
- 2015 *Seufert, V. Organic agriculture – a more environmentally friendly farming system? *IRES Seminar Series, Institute for Resources, Environment and Sustainability (IRES), University of British Columbia*, Vancouver, February 10, 2015. (see <http://tiny.cc/px3cmz>)
- 2014 *Seufert, V. The potential contribution of organic agriculture to global sustainable food security, *Land and Food Systems, University of British Columbia*, Vancouver, November 12, 2014.
- Seufert, V., Gerber, J. & Ramankutty, N. Food vs. Fuel – Competing demands for land, bioenergy, and environmental services. *Global Challenges: Achieving Sustainability, IARU Sustainability Science Congress*, Copenhagen, Denmark, October 23, 2014.
- *Seufert, V. The potential contribution of organic farming to global sustainable food security. Departmental seminar series, *Department of Environmental Sciences, University of Virginia*, Charlottesville, April 17, 2014.
- Seufert, V., Jarvis, L. & Ramankutty, N. Agromes – a global assessment of agricultural land use intensity. *Global Land Project Open Science Meeting*, Berlin, Germany, March 20, 2014.
- 2013 Ramankutty, N. & Seufert, V. Ecosystem service trade-offs associated with land sparing versus land sharing. *Global Food Security Conference*, Noordwijkerhout, The Netherlands, October 1, 2013.
- Ramankutty, N. & Seufert, V. Agriculture and the Global Environment. *World Conservation Monitoring Centre (WCMC)*, Cambridge, United Kingdom, September 26, 2013.

*Seufert, V. Global land use data. Presentation and participation in workshop on 'Land management datasets: status and requirements for Earth System Models (ESMs)', Institute of Social Ecology, Vienna, Austria, April 15-16 2013.

*Seufert, V. What type of glasses do we wear? The importance of shifting mental models for solving sustainability issues. *The Brain Resources And Interest Network for Students @McGill and David Suzuki Foundation @McGill, McGill University*, Montreal, April 2, 2013.

2012 *Seufert, V. Organic agriculture as an opportunity for sustainable agricultural development. Invited student presentation at *McGill Conference on Global Food Security*, Montreal, October 17, 2012.

*Seufert, V. The yield performance of organic agriculture. **Keynote talk** at *VIIIth International Conference on Life Cycle Analysis in the Agri-Food Sector*, Saint-Malo, France, October 2, 2012.

2011 Seufert, V. & Ramankutty, N. Shedding light on the organic yield debate: a meta-analysis. *American Geophysical Union (AGU) Annual Meeting*, San Francisco, December 7, 2011.

Seufert, V. & Ramankutty, N. Can organic agriculture feed the world? – A re-analysis of Badgley *et al.* (2007). *European Geosciences Union (EGU) General Assembly*, Vienna, April 8, 2011.

Seufert, V. & Müller, C. Meta-analysis of the response of crop photosynthesis to nitrogen limitation. *European Geosciences Union (EGU) General Assembly*, Vienna, April 6, 2011.

*Seufert, V. Can organic agriculture meet nutrition needs? *Global Landscapes Initiative meeting*, Institute on the Environment, University of Minnesota, Minneapolis, January 31, 2011.

SCIENCE OUTREACH AND COMMUNICATION

2021 **Interview** with *f3 – farm, food, future* (republished in *Wochenblatt für Landwirtschaft und Landleben*), <https://bit.ly/3NEKzF>

2020 **Contribution to blog post** 'Outbreaks, break-outs and break-times: creating caring online workshops', Integration and Implementation Insights, <https://i2insights.org/2020/06/16/caring-online-workshops/>

2019 **Coverage of research** in *Financial Times*. <http://tiny.cc/kl4cmz>

2017 **Interviews** with journalists on study examining the context-dependent performance of organic agriculture published in *Science Advances*, coverage in numerous online, radio and print media (e.g. *CNN News, Globe and Mail, Daily Mail, CBC, IFL Science, Fusion, Grist, Vancouver Sun, La Repubblica, Estonian Public Broadcast*).

Live radio interviews on CBC, Radio New Zealand, News Talk Radio 770, Roundhouse Radio, CKNW.

Contribution to The Conversation, scientific news website: *Organic farming matters – just not in the way you think*, March 10, 2017, <https://theconversation.com/organic-farming-matters-just-not-in-the-way-you-think-74124>

2016 **TV interview** with Steve Paikin, *The Agenda, TV Ontario*, May 2, 2016, <http://tvo.org/video/programs/the-agenda-with-steve-paikin/verena-seufert-harnessing-organic-agriculture>

2015 **Blog post** about mental health in grad school, March 23, 2015, <http://chanslabviews.blogspot.ca/2015/03/harder-than-rocket-science-fumbling.html>

2014 **Interview** with journalist Sarah Elton, and coverage of my research in her book "*Consumed: Food for a Finite Planet*" (The University of Chicago Press).

2012 **Interviews** with journalists on study comparing organic and conventional yields published in *Nature*, coverage in numerous online, radio and print media (e.g. *CNN International, Scientific American, BBC, CBC, ABC, Süddeutsche, ORF, Voice of America, The Guardian, NY Times, LA Times, La Presse, Le Devoir*).

Live radio interview with Marc Montgomery, The Link, Radio Canada International, May 1, 2012.

Contribution to The Conversation, scientific news website: *There is nothing black or white about organic agriculture*, May 21, 2012, <http://theconversation.edu.au/theres-nothing-black-or-white-about-organic-agriculture-6687>

ACADEMIC SERVICES

Peer reviewer for >39 manuscripts in 22 journals since 2012, including *Biological Reviews*, *BioScience*, *Ecological Economics*, *Food Policy*, *Food Security*, *Frontiers in Ecology and the Environment*, *Global Environmental Change*, *Global Food Security*, *Nature*, *Nature Communications*, *PLOS ONE*, *PNAS*, *Trends in Plant Science*.

Reviewer profile: <https://publons.com/author/1204336/verena-seufert#profile>

- 2021 **Guest editor of special issue on ‘Women in Land Science’**, *Journal of Land Use Science* (Taylor & Francis).
- Since 2021 **Member of Scientific Advisory Board** for the METABIO Metaprogram “Moving to predominant organic agriculture”, INRAE (*French National Research Institute for Agriculture, Food and Environment*).
- Since 2021 **Editorial Board** *Journal of Land Use Science* (Taylor & Francis).
- 2020-2021 **Associate Editor** *Renewable Agriculture and Food Systems* (Cambridge University Press).
- 2020-2021 **Member of the examination board** of MSc program Environmental Resource Management, *Institute for Environmental Studies (IVM)*, *Vrije Universiteit (VU) Amsterdam*.
- 2019 **Co-organizer of Food System Symposium** on ‘Should we follow the Wizard or the Prophet? – Discussing diverging paths for sustainable food system transformation’ at Institute for Environmental Studies (IVM), *Vrije Universiteit (VU) Amsterdam*.
- 2019 **Co-organizer of session** on ‘Farming of the future – What type of farming systems will be producing sufficient sustainable and nutritious food for everyone in 2050?’ at the Global Land Project (GLP) 4th Open Science Meeting, Bern. (see <http://tiny.cc/nu3cmz>)
- 2019 **Contributing Author** to three sections (Chapters 2.1, 2.3 and 4) of the Global Assessment of the *Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES)*.
- 2018-2019 Elected **staff representative in Department Steering Committee (DLA)**, *Institute of Meteorology and Climate Research (IMK-IFU)*, *Karlsruhe Institute of Technology (KIT)*.
- 2018 **Expert review** of grant proposal for the KU Leuven (University of Leuven, Belgium) C2 funding.
- 2017 **Co-organizer of session** on ‘Farming systems and global sustainable food security – connecting place-based research to global processes’ at 2017 meeting of the Association of American Geographers (AAG), Boston.
- 2017 **Expert review** for grant proposal for the Livestock Research Innovation Corporation (LRIC), Ontario, Canada.
- 2015 **Expert review** for grant proposal for the ETH Zurich World Food System Center, Mercator Research Program.

COMMUNITY SERVICES

Member of Bündnis 90/Die Grünen, Bund Naturschutz in Bayern e.V.

- 2005–2009 **Involvement in municipal politics**, e.g. board member of the Würzburg section of the German Green Party (Kreisverband Würzburg Stadt, Bündnis 90/Die Grünen) and chairwoman of the Young Greens (Grüne Jugend) Würzburg.

Involvement in university politics, e.g. member of different committees (extended senate, student parliament, different commissions) at the University of Würzburg and Member in the Green campus group (Grüne Hochschulgruppe) Würzburg.

LANGUAGES

English (advanced), German (native), Italian (fluent), Spanish (basic), French (basic).