

MALIN JONELL

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CURRICULUM VITAE –2019 **Malin Jonell**

SHORT SUMMARY

A systems ecologist by training, interested in how food impacts the planet and mechanisms for positive change in the global food system. I see myself as an interdisciplinary scientist and have used theory and methods from environmental psychology, industrial ecology and sustainability science. Specialized in sustainable seafood and food production in general and how to steer production and consumption towards sustainability. I am particularly interested in the role of markets, trade and the private sector in driving positive change in the growing seafood sector and food systems in general.

My ultimate goal as a researcher is to engage in rigorous and impactful sustainability science and be able to connect people with different disciplinary backgrounds, but also understand and engage with non-academic realities. I hope to become a ‘Bridger and Disruptor’ in the academic landscape, facilitating communication across disciplines and catalysing new thinking and action.

In the SeaWin project, my research focus on the role of consumers and other market actors in driving demand for sustainable seafood. Moreover, I am investigating the environmental effects of implementation of aquaculture eco-certification schemes. Prior to my current work, I worked as a postdoctoral fellow on the EAT-Lancet Commission on Healthy Diets from Sustainable Food Systems. The Commission defined the safe operating space for global food systems by setting scientific targets for both sustainable food production and healthy diets. My work focused on food sustainability metrics and in particular the role of “blue foods” (fish, shellfish) in the global food system.

CURRENT POSITION

Researcher Stockholm Resilience Center (October 2016-ongoing).

EDUCATION

Doctor of Philosophy in Marine Ecotoxicology.

PhD thesis: “*Kind of turquoise - Effects of seafood eco-certification and sustainable consumption*”
Thesis defended October 7 2016, Stockholm University.

PUBLICATIONS

Jonell, M. PhD thesis: “Kind of turquoise - Effects of seafood eco-certification and sustainable consumption”, Stockholm University 2016

Jonell M. Licentiate thesis, “Eco-certification of farmed seafood: Environmental effects on global and local scale” Stockholm University 2013

Jonell, M. MSc thesis "Nitrogen and amino acid content in on-farm cultivated *Ulva* sp. and other seaweed species used as abalone feed and an evaluation of the fertilizing method practiced at an integrated mariculture farm in South Africa". Department of systems ecology, Stockholm University:

Peer reviewed publications

Luthman O., **M. Jonell**, M., Troell, 2019 Governing the salmon farming industry: Comparison between national regulations and the ASC salmon standard, *Marine Policy*, *In press*

Jonell, M., M. Tlusty, M. Troell, P. Rönnbäck, P., 2019 Certifying farmed seafood – a drop in the ocean or a 'stepping-stone' towards increased sustainability? In Sustainability Certification Schemes in the Agricultural and Natural Resources Sectors: Outcomes for society and the environment, Ed. Vogt, M., 323 pp. Oxon: Routledge

Willett W., J. Rockström, B. Loken, M. Springmann, T. Lang, S. Vermeulen, T. Garnett, D. Tilman, F. DeClerck, A. Wood, **M. Jonell**, M. Clark, et al., 2019, Food in the Anthropocene: the EAT–Lancet Commission on healthy diets from sustainable food systems, *Lancet*

Springmann, M., M. Clark, D. Mason-D'Croz, K. Wiebe, B., L. Bodirsky, L. Lassalotta, W. de Vries, S. J. Vermeulen, M. Herrero, K.M. Carlson, **M. Jonell**, M. Troell, F. DeClerck, L. J. Gordon, R. Zurayk, P. Scarborough, M. Rayner, B. Loken, J. Fanzo, H. C. J Godfray, D. Tilman, J. Rockström, W. Willett, Options for keeping the food system within environmental limits, 2018, *Nature*, 562, 519–525

Tlusty M., P. Tyedmers, F. Ziegler, **M. Jonell**, P.J.G. Henriksson, R. Newton, D. Little, J. Fry, D. Love, L. Cao, Commentary: comparing efficiency in aquatic and terrestrial animal production systems, 2018, *Environmental Research Letters*, 13, 128001

Henriksson, P.J.G., N. Järviö, **M. Jonell**, J.B. Guinée, M. Troell, 2018, *Frontiers in Ecology and the Environment*, The devil is in the details—the carbon footprint of a shrimp, 16(1), 10-11

Troell, M., **M. Jonell**, P.J.G Henriksson, 2017, Ocean space for seafood, *Nature Ecology & Evolution*, DOI: 10.1038/s41559-017-0304-6

Gordon, L.J. V. Bignet, B. Crona, P.J.G Henriksson, T. van Holt, **M. Jonell**, T. Lindahl, M. Troell, S. Barthel, L. Deutsch, C. Folke, J. Haider, J. Rockström, C. Queiroz. 2017 "Rewiring food systems to enhance human health and biosphere manuscript stewardship" *Environmental Research Letters*, 12 (10), 100201

Troell, M. N. Kautsky, M. Beveridge, P. Henriksson, J. Primavera, P. Rönnbäck, C. Folke, **M. Jonell**, 2016. "Aquaculture". *Reference Module in Earth Systems and Environmental Sciences Elsevier*, New York, 2016. ISBN 9780128096338

Jonell, M., B. Crona, K. Brown, P. Rönnbäck, M. Troell., 2016. "Eco-labeled Seafood: Determinants for (Blue) Green Consumption" *Sustainability* 8(9), 884.

Chaplin-Kramer, R., **M. Jonell**, A. Guerry, E. F. Lambin, A. J. Morgan, D. Pennington, N. Smith, J. A. Franch, S. Polasky. 2015. "Ecosystem service information to benefit sustainability standards for commodity supply chains." *Annals of the New York Academy of Sciences* 1355(1):77–97.

Jonell, M., P.J.G. Henriksson., 2015. "Mangrove-Shrimp Farms in Vietnam – Comparing Organic and Conventional Systems Using Life Cycle Assessment." *Aquaculture* 447: 66-75

Jonell, M., M. Phillips, P. Rönnbäck, M., Troell. 2013. "Eco-Certification of Farmed Seafood: Will It Make a Difference?" *Ambio* 42(6):659–74.

Popular science contributions

Jonell, M., P. Rönnbäck, M. Troell. "Miljömärkning av fisk och skaldjur - hur långt räcker det?". 2015. *Havsutsikt* 2: 8-10

Troell M., P. Rönnbäck, and **M. Jonell**, M. 2013. Hållbart vattenbruk – potential och utmaningar In: Havsbruk som håller i längden, Forskningsrådet Formas, Stockholm, 21, pp. 229-246.

Ongoing work

Report for the Swedish Consumer Agency, Tentative title: "*Styrmedel för att förändra kostvanor – vad fungerar?*" The report will be launched during spring 2020, but the first results presented at a conference in November 2019 (En hållbar matkonsumtion för planeten och hälsan – hur kommer vi dit?)

TEACHING

Experience from administrating university courses, as well as teaching as lecturer at different university courses including Stockholm University, Uppsala University and Gotland University.

- Lecturer: Sustainability perspectives on contemporary fisheries. Where have all the fishes gone?, Swedish Agriculture University 2019
- Lecturer: Sustainable consumption (Bachelor course), Stockholm University 2011, 2012, 2016, 2018, 2019
- Lecturer: Världens eko, Stockholm University 2014, 2017, 2018
- Lecturer, course assistant and supervisor for student projects: Natural resources and ecosystem services, (Bachelor course), Uppsala University, 2014, 2015
- Lecturer: Ecosystems, ecosystem services and economics, (PhD course), The Beijer Institute of Ecological Economics, 2016
- Lecturer and supervisor for student projects: Water management in the tropics (Master course), Stockholm University 2011, 2012, 2013
- Lecturer, course assistant and supervisor for student projects: Environment and economy for sustainable development, (Bachelor course), Uppsala University 2013, 2014
- Lecturer: Governance, organization and standards (GOS), (Master course), Uppsala University 2013
- Course assistant: Sustainable development, Distance course, Uppsala University 2013, 2014, 2015
- Lecturer: Biodiversity and ecology in Yunnan, (Master course), Uppsala University 2014
- Lecturer: Human and nature: Nature, culture, history, (Bachelor course), Uppsala University 2014

MASTER STUDENT SUPERVISION

Nilsson O. (Co-supervisor)

Adding sustainability to salmon farming regulations - A comparative case study of salmon farming regulations and the ASC salmon standard

Department of Aquatic Sciences and Assessment, Swedish University of Agricultural Sciences, Master thesis pp. 92

Brown K. (Co-supervisor)

Purchasing of ecolabeled seafood: Does consumer environmental knowledge matter?

Department of Systems Ecology, Stockholm University, Master Thesis, pp. 63.

COMMISSIONS

Internal committee member for licentiate examination seminar of PhD student Matilda Petersson (Stockholm Resilience Centre, Stockholm University), February 2019.

SELECTION OF RECENT PUBLIC TALKS, CONFERENCES AND WORKSHOPS

Blue Food Assessment workshop,

- Stockholm Resilience Centre in collaboration with Stanford University and EAT, June 2019, Co-organizer and presentation: *The EAT-Lancet Commission on Healthy Diets From Sustainable Food Systems*

Film project, SU

- Leading part in film project by Stockholm University, SDG 2. Portraits of research profiles of the university. To be finalized by October 2019.

Sustainable Growth Summit 2017, NCE Seafood Innovation Cluster, Bergen Norway

- Oral presentation: "EAT-Lancet commission - Healthy Diets from Sustainable Food Systems"

Forskardagarna, 3-4 October 2017

- Oral presentation: "Miljömärkt fisk – hur hållbart är det?"

Expert roll in several media appearances in Sweden (2012, 16, 17)

- Interviewed in Swedish state radio P4 (2012), P1, Kaliber (2016) [2] and P1, Klotet (2017). Interviewed in "Aktuell Hållbarhet" 2014 and 2016.

REFEREE ASSIGNMENTS PEER-REVIEWED JOURNALS

Ambio, Aquaculture, Ecology & Society, Fish & Fisheries, Reviews in Aquaculture

INTERRUPTIONS IN RESEARCH

- 2015-02-11 to 2015-11-11 (Parental leave, child 1)
- 2018-03-07 to 2019-01-02 (Parental leave, child 2)

OTHER

Part of the **Postdoc Academy for Transformational Leadership** (start September 2019), funded by the Robert Bosch Stiftung in collaboration with four leading academic research centers in Europe. The program provides an intensive high-end training with four seminars in two years that broaden inter- and transdisciplinary research competencies of early career sustainability researchers and promote their qualifications towards transdisciplinary leadership.

PhD representative in the Research Committee, Gotland University, 2011-2012.

LANGUAGE

Swedish: Native speaker

English: Excellent speaking and writing skills

Spanish: Elementary speaking and writing skills