

MALIN JONELL

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CURRICULUM VITAE – January 2022

Malin Jonell

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### PROFESSIONAL SUMMARY

A systems ecologist by training and a sustainability governance scholar, I am passionate about food systems, sustainable aquatic production and the role of market-based mechanisms. My main research interests center around sustainable food production, and in particular the role of markets, trade and the private sector in driving positive change in the growing seafood sector. I have included theory and methods from environmental psychology, industrial ecology and sustainability science in my work. Since 2020, I co-lead the Food for Resilience theme at the Stockholm Resilience Centre.

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.

Areas of expertise: Food systems, Sustainable Development, Life Cycle Assessment, Aquaculture, Fisheries, Eco-certification, Private governance, Consumer behaviour, Social-Ecological Thinking

### CURRENT AND PREVIOUS POSITIONS

#### *Positions since 2016*

- Researcher at the Royal Swedish Academy of Sciences (Mars 2020 - ongoing). Affiliated with the Stockholm Resilience Centre, at Stockholm University.
- Postdoc and researcher at Stockholm Resilience Centre, Stockholm University (November 2016- February 2020)

### 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)

### ACADEMIC TITLES AND EDUCATION

- 2016 PhD Systems ecology (Marine Ecotoxicology), Stockholm University. PhD thesis: “Kind of turquoise - Effects of seafood eco-certification and sustainable consumption”
- 2013 Degree of Licentiate of Philosophy, Systems ecology, Stockholm University
- 2010 M.Sc., Dept. Systems Ecology, Stockholm University

### PUBLICATIONS

For a selection of publications see below. Google Scholar Citations = 5365 (of which 5289 since 2017), h-index 11 (as of January 2022).

#### *Publications in scientific journals*

Luthman, O., **M. Jonell**, P. Rönnbäck, and M. Troell. 2021. Strong and weak sustainability in Nordic aquaculture policies. *Aquaculture*, In press

Gephart, J.A., P.J.G. Henriksson, R.W.R. Parker, A. Shepon, K.D. Gorospe, K. Bergman, G. Eshel, C.D. Golden, B.S. Halpern, S. Hornborg, **M. Jonell**, M. Metian, K. Mifflin, R. Newton, P. Tyedmers, W. Zhang, F. Ziegler, M. Troell, 2021. Environmental performance of blue foods. *Nature* 597, 360–365. doi:10.1038/s41586-021-03889-2

Naylor, R.L., A. Kishore, U.R. Sumaila, I. Issifu, P.B. Hunter, B. Belton, S.R. Bush, L. Cao, S. Gelcich, J.A. Gephart, C.D. Golden, **M. Jonell**, J.Z. Koehn, D.C. Little, S.H. Thilsted, M. Tigchelaar,

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B. Crona, 2021. Blue food demand across geographic and temporal scales. *Nat. Commun.* 12, 1–14. doi:10.1038/s41467-021-25516-4

Bergman, K., P. J. G. Henriksson, S. Hornborg, M. Troell, L. Borthwick, **M. Jonell**, G. Philis, and F. Ziegler. 2020. Recirculating Aquaculture Is Possible without Major Energy Tradeoff: Life Cycle Assessment of Warmwater Fish Farming in Sweden. *Environmental Science & Technology*

Plusty, M. F., P. Tyedmers, M. Bailey, F. Ziegler, P. J. G. Henriksson, C. Béné, S. Bush, R. Newton, F. Asche, D. C. Little, M. Troell, and **M. Jonell**. 2019. Reframing the sustainable seafood narrative. *Global Environmental Change* 59 (October):101991.

Stoll, J. S., M. Bailey, and **M. Jonell**. 2019. Alternative pathways to sustainable seafood. *Conservation Letters* e12683.

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. Plusty, 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. Lassaletta, 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

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 *Environmental Research Letters*, 12 (10), 100201

**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.

*Selected reports*

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Lindahl, T. and **M. Jonell**. 2020. Methods for changing dietary habits. The Consumer Authority, Background Report 2020:4.

Röös, E., J. Larsson, K. Resare Sahlin, **M. Jonell**, T. Lindahl, E. André, S. Säll, N. Harring, M. Persson, 2020, Policies for sustainable food consumption - an overview of knowledge and ways forward, SLU Future Food Reports 13, Swedish University of Agricultural Sciences, SLU Future Food.

Troell M., **M. Jonell**, B. Crona, The role of seafood for sustainable and healthy diets The EAT-Lancet commission report through a blue lens, *Beijer Discussion Paper Series* No. 266, January 2019

## GRANTS

**Project grant** as principal investigator from Formas, 'ReSus' Retail for Sustainability - Mid-value chain engagement for food system transformation (Dnr 2021-02327) Start Year: 2022 End Year: 2026

**Project grant** as principal investigator from Formas, Seafood in Japan and Sweden - alternative pathways to sustainability (Dnr 2020-00862). External partner: Tokyo University. Start Year: 2021 End Year: 2025

## OTHER MERITS

**Public speaker** Some recent examples include:

- Norwegian Seafood Innovation Cluster's 'Sustainable Growth Summit', speaker (2017)
- Conference by the Swedish food authority & the The Royal Swedish Academy of Agriculture and Forestry, speaker (2019)
- Our Ocean Oslo, speaker at side event (2019)
- Electrolux taste target, keynote speaker (2019)
- North Atlantic Seafood Forum, DNV Launch of Aquaculture Forecast to 2050, Speaker & part of Panel discussion (2021).
- Baltic sea day (2021)

## Programs

- Admission to Robert Bosch Postdoc Academy for Transformational Leadership (2019-2021). The program provided 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.

## Expert role, private food governance

In my role as expert on eco-certification programs and their effectiveness, I've been invited to several talks and consultations.

- Part of the Aquaculture Stewardship Council's technical working group on revision of the shrimp aquaculture standard (2019-2021).
- Invited speaker, expert and panelist at two seminars held by the Marine Stewardship Council (2012 and 2017).
- Invited expert to OrAqua (organic aquaculture) participating as an aquaculture and certification expert in providing input to the EU regulations on organic aquaculture (2014).
- Invited by the FAO to create an evaluation framework for assessing conformity of public and private certification schemes with the FAO technical guidelines on aquaculture certification (2013).

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**Knowledge to action** I am an active and enthusiastic public speaker on food systems transformation and passionate about science communication. I have been part of several initiatives aiming to spread science to the general public. Some examples include:

- Interview with Now This (2021), one of the world's biggest social media broadcasters, on the role of blue food in future sustainable diets.
- Film project led by Stockholm University (2019) and a speaker at 'Forskardagarna', Stockholm University (2017).
- Co-author DN Debatt Jan 17 2019, June 14 2020, and SVD Oct 23, 2019.
- Speaker at Baltic Breakfast: Increased consumption of seafood from a sustainability perspective, Public digital talk, Stockholm University Baltic Sea Centre, June 2021,
- Interviewed in media several times, e.g. Swedish state radio P4 (2012), P1, Kaliber (2016) and P1, Klotet (2017), "Aktuell Hållbarhet" 2014 and 2016, Expressen TV, Svenska kritiken mot påståendet i Seaspiracy, May 2021.
- [Interview NowThis](#), September 2021.

## TEACHING

Experience from administering university courses, as well as teaching as lecturer at different courses including Stockholm University, Uppsala University and SLU. A selection of the most recent teaching assignments is presented below:

- Lecturer, Bachelor's level course, Sustainability perspectives on contemporary fisheries - Where Have all the Fishes Gone, Swedish University of Agricultural Sciences, September 2019, 2020, October 2021.
- Lecturer: Sustainable consumption (Bachelor course), Stockholm University 2011, 2012, 2016, 2018, 2019
- Lecturer: Världens eko, Stockholm University 2014, 2017, 2018

## PHD SUPERVISION

Blandon A. (Main supervisor), Stockholm Resilience Centre, SU (ongoing, Jan 2022)

## MASTER STUDENT SUPERVISION

Gulliksen J. (Co-supervisor), Stockholm Resilience Centre, SU (ongoing, Jan 2022)

Svensson E. (Co-supervisor), Department of Molecular Sciences, SLU

Biro A. (Co-supervisor), Department of Molecular Sciences, SLU

Nilsson O. (Co-supervisor), Department of Aquatic Sciences and Assessment, SLU

Brown K. (Co-supervisor), Department of Systems Ecology, Stockholm University