

CURRICULUM VITAE: Eeva Furman (June 25, 2020)

1. Full name

- Eeva Rebekka Furman, female

2. Date and place of birth, nationality, current residence

- date and place of birth: May 2, 1960, Finland, citizenship: Finnish
- current residence (contact details, if necessary): Sompasaarenlaituri 4A21, 00540 Helsinki, Finland

3. Education and degrees awarded

- PhD Marine Biology, University of Wales, Bangor, 1989 (marine biology)
- M.Sc. University of Helsinki 1984 (Ecology and zoology)
- High School, Kauniaisten lukio, Finland 1978 (biology, chemistry, psychology, history)

4. Other education and training, qualifications and skills

- Specialist Qualification in Management, 2008, Finland

5. Linguistic skills

- mother tongue: Finnish, other languages: English and Swedish (proficient user in reading, writing and orally), German, French (basics in reading and orally)

6. Current position

Finnish Environment Institute (SYKE)

Director of the Centre for Environmental Policy, permanent employment, the Director's position: 3rd period of 4 years, 1.1.2010-2013, 2014-2017, 2018-31.12.2021; member of SYKE lead group

Qualified as a Professor at SYKE, external evaluation, 2010

- The Finnish Environment Institute (SYKE) (www.syke.fi) SYKE is an inter- and transdisciplinary research and expert institute. The mission of SYKE is to transform the society towards sustainable development. Our specific angle to this is to solve society's most burning questions that have an impact on the environment. We create, co-create and share necessary knowledge, expertise and expert services for public and private decision-making. We have some 570 competent experts and researchers and work in close and stimulating co-operation with Finnish and international partners. Our focus areas are: accelerate the transition needed for combating climate change and strengthening sustainable circular economy, transform our urban areas into sustainability forerunners/trailblazers, protect and enrich biodiversity thus also safeguarding human well-being, ensure the sustainable use of water resources as well as the good condition of coastal and inland waters by novel combinations of methods and apply new approaches and methods of producing environmental information to respond to the emerging user needs of a digitalising society. The Environmental policy centre which Furman directs in SYKE has some 50 researchers and experts working on systemic change, behavioural change, urban and regional trends, and land use management.

7. Previous work experience

Finnish Environment Institute (SYKE)

2002–2009

1995–2001

1982–1995

1981-1986

1991 and 1993

Continuous employment since 1990

Research Manager Research Programme for Environmental Policy

Researcher and later Senior Researcher Finnish Environment Institute (and its predecessor)

Short term tasks of a lecturer, teacher and researcher at various universities and other teaching institutions (eg. Helsinki University of Technology and University of Helsinki, several time periods)

Research scholarships from various sources (eg. the Academy of Finland, Finland's Cultural Fund, The Association of Finnish Non-fiction Writers, Emil Aaltonen foundation, the British Council)

maternity leave

8. Research funding as well as leadership and supervision

Leadership in major research processes: funding, applications and research (last 10 years):

- Deputy leader of the Orsi-project (Towards Eco-Welfare State: Orchestrating for Systemic Impact, funded by the academy of Finland. Starts autumn 2019, ends 2022 (6,5 m€) https://www.syke.fi/en-US/Research_Development/Research_and_development_projects/Projects/Towards_EcoWelfare_State_Orchestrating_for_Systemic_Impact_ORSI
- Work package leader in the EU/Joint programming initiative for water funded Athenas-project To Ally Technology, Nature and Society for integrated urban water management (2019-2022)
- Leader of the *Nature based solutions for Finland* project, 2016. Finland's Ministry for the Environment (15 000€)
- Leader of the Avain2030-project (*Gap Analysis of implementing Agenda2030 in Finland*), funded by the Prime Minister's office. Spring 2016. (50 000€). https://sustainabledevelopment.un.org/content/documents/1519VNK_J1117_Government_Report_2030Agenda_KANSILLA_net_i.pdf
- Leader of the Finnish Academy funded project in the consortium *Politics, practices and the transformative potential of sustainable diets. Poprasus* 2016-2020. (280 000€) http://www.syke.fi/en-US/Research_Development/Research_and_development_projects/Projects/Politics_practices_and_the_transformative_potential_of_sustainable_diets_POPRASUS
- Leader of the Nordic Council of Ministers funded project *Outdoor recreation, nature interpretation and integration in Nordic countries*. 2016. (125 000 SEK),
- Key expert in the Knowledge & Learning mechanism on Biodiversity and Ecosystem Services project (EKLIPSE) <http://www.eclipse-mechanism.eu/> (2016-2019)
- Coordinator of the European Union FP7-funded project *OpenNESS - Operationalisation of natural capital and ecosystem services: from concepts to real-world applications*. 2012–2017. 12M€ (9M€ from EC) www.openness-project.eu
- Leader of the TEKES – Finnish Funding Agency for Technology and Innovation funded project *Urban Fabric* on models on urban form for planning. 2012-2014. (273 000€)
- Leader of the Finnish Academy funded project in the consortium *Homes beyond homes. multiple dwelling and everyday living in leisure* (2012-2015), (225 000€)
- Member of the lead group of the PEER-partnership funded European project *PRESS: ecosystem services mapping for policy assessment* (2010-2012) (in kind activity)
- Leader of the research activity *Policy Options in the Long-term biodiversity, ecosystems and awareness research network of excellence (ALTER-Net)* within EU 6th research framework, member of the project management board www.alter-net.info (2004-2009)
- Leader of the Ministry of the Environment funded project on *Identifying knowledge needs in governance of ecosystem services* (2010).
- Leader of the Finnish Academy funded project *Conflict over consensus – potential and limits of collaborative environmental management* (2008-2011) (400 000€)
- Leader of a project on writing a book on *Ecological Thresholds* (2008-2009) (30 000€)
- Management of the Environment Policy Research Programme www.environment.fi/syke/pto (2002-2009)

9.

Organizer of scientific meetings (last 10 years):

- Member of the organising committee of the Conference '*Europe that Protects: Safeguarding our Planet, Safeguarding our Health*' Co-organised by National Institute for Health and Welfare and the European Commission's Directorate-General for Research and Innovation under the auspices of the Finnish Presidency of the European Union, 3-4 December 2019. <https://thl.fi/en/web/thlfi-en/whats-new/events/thl-s-eu-2019-side-events/europe-that-protects>
- Host and co-organiser of the UN GSDR2019 science workshop on transformation pathways towards sustainability, Helsinki, 12-13.12. 2017 (<https://sustainabledevelopment.un.org/globalsdreport/2019>)
- Member of the scientific board of the 5th International EcoSummit: ecological sustainability engineering change 2016 (www.ecosummit2016.org); session chair: Systemic approach to foster human health through nature based solutions
- Member of the organising committee for European Ecosystem Services Conference 2016: Helping nature to help us University of Antwerp, Belgium, 19-23 September 2016 (www.esconference2016.eu)

- Member of the organising committee for OneHealth/EcoHealth conference Brussels, 6-7.10 2016.
- Chair of the organising committee for joint conference of OpenNESS, OPERAs and EC DGR&I: INNOVATING WITH NATURE, Natural capital and ecosystem services for sustainable EU policies, 1 March 2016
- Supporting member of the scientific committee of the conference nature and Urban Wellbeing: nature based solutions to societal challenges, organised by ALTER-Net, EC and Latvian presidency, Ghent, Belgium, May 2015. (www.alter-net.info)
- Member of the organising committee of the ALTER-Net conference on the EU 2020 Biodiversity strategy, April 2013, Brussels, Belgium.
- Organiser of the ALTER-Net workshop on *long term socio-ecological research*, Helsinki, 2011 (www.alter-net.info)
- Member of the organising committee of the ALTER-Net conference on *linkages between ecosystem services and biodiversity*, Vienna, Austria, 2010. (www.alter-net.info)
- Leader of the international, interdisciplinary and stakeholder-integrated workshop on *identification of knowledge needs for interlinkages between bioenergy and biodiversity*, Edinburgh, 2008 (www.environment.fi/syke/bioenergycase).

10. Merits in teaching and pedagogical competence (last 10 years)

- lecturing at Helsinki University, governance and SPI, with sustainable development as a case, April 2020
- lecturing at the ALTER-Net summer school, Peyresque, in 2013 and 2017
- lecturing on environmental impact assessment at the University of Helsinki, 3 x once a year in early 2000
- lecture on science communication at University of Helsinki international courses for ecologists: 2009 & 2018
- lecturing and practical teaching on applying for a job, University of Helsinki, 2012-2014
- see also videos and educational material from publications list [http://www.syke.fi/en-US/Experts/Eeva_Furman\(3322\)](http://www.syke.fi/en-US/Experts/Eeva_Furman(3322))

11. Awards, prizes and honours

- Virolahti honorary citizen 2019 for the work in environmental research and nature protection
- Finnish Association for Nature Conservation Kymenlaakso section award to the Hanski family on nature protection activity (Ilkka Hanski nature network) in Virolahti-region, 2018
- Governments award for science communication, Book: Ihminen & Ympäristö (Man and Environment), 2013
- Finlandia science book award, honorary remark, Book: Saariston luonto (Nature in the Archipelago), 1993

12. Other academic merits

Peer evaluations

- BioDiversa 2019
- Nessling foundation 2019
- Pohjola funds within Finnish cultural fund 2019
- Ilkka Hanski fund 2018, 2019, Helsinki University
- Member of the evaluation panel of the research call on value of ecosystem services, Swedish environmental protection agency, Stockholm, Sweden, 2013
- Member of the evaluation panel of the Swedish research station network for terrestrial and limnic ecology, October-December 2012
- Member of the Committee for reporting to the Israel Academy of Sciences and Humanities, the Council for Higher Education, and the National Council for Research and Development on the status of scientific education and research on biodiversity and associated global environmental change, and its provision to policymakers and other stakeholders, May, 2012.
- Member of the panel of international experts of the (Meta-) evaluation of VITO, the Flemish Institute for Technological Research, May 2012.
- Vice-president of the jury for the LABEX (Laboratories of excellence) 2nd evaluation, French Agency for Research (ANR), January 2012.

Advisory boards (last 10 years)

- Member of the advisory board for Horizon2020, SC5 2013-2015 and 2016-2017
- Member of the advisory group for the Horizon2020 project Aquacross, 2016

Memberships

- Yhteiskuntatieteellisen ympäristötutkimuksen seura (Association for environmental social science)
<http://www.yhys.net/>

Editorial positions (last 10 years)

- Journal Environmental Policy & Law, advisory board member (2019-) <https://www.iospress.nl/journal/environmental-policy-and-law/>
- Ecosystem services: science, policy & practice, associate editor (2012–2014), www.elsevier.com/locate/ecoser
- Journal for Nature Conservation, editorial board (2008–2013), www.elsevier.de/jnc

International plenary presentations (last 10 years, selected, see also synergistic activities below)

- COVID-19, global environmental change, and opportunities to progress towards the SDGs/ISGlobal, Barcelona, web-conference, 11.5.2020. <https://www.youtube.com/watch?v=KeTGfh9nYhc&t=21s>
- Europe that protects, Helsinki, 4.12.2019, <https://thl.fi/en/web/thlfi-en/whats-new/events/thl-s-eu-2019-side-events/europe-that-protects>
- Future Days Event, Paris, 26.11.2019, <https://www.futuredays.fr/en/>
- World science forum/Unesco, Budapest, 21.11.2019 <https://worldscienceforum.org/>
- ESDN conference, Helsinki, 30.10.2019 <https://www.sd-network.eu/?k=ESDN%20conferences&year=2019>
- International conference on sustainable Food systems, Barcelona, 11.10.2019
<https://diplocat.cat/en/activities/10/international-conference-on-sustainable-food-systems-in-barcelona>
- Next Leaders' Europe Summit Helsinki, 21.3.2019
- Regional meeting on SDGs of the UNECE, Geneva 22.3. 2019
- European Parliament hearing: "The remaining 12 years: EU action towards achieving the 2030 Agenda for Sustainable Development, Brussels 7.2.2019
- Multi-stakeholder platform on the implementation of the SDGs in the EU, Brussels, 11.10.2018
- Tillståndet av miljön, IVL, Stockholm, 24.5.2018
- IUCN Finland 50-yr seminar, Helsinki, 30.1.2018
- Water JPI Impact Assessment, Delft, November 2017
- Rovaniemi Spirit, Rovaniemi November 2017
- WHO & CBD European workshop on health and biodiversity, Helsinki, October.2017
- Nature based solutions conference of the EC, Tallinn October 2017
- EEAC 25th Annual Conference, Maastricht, October 2017
- ALTER-Net conference, Ghent, May 2015
- The Norwegian Environmental Research Towards 2015 conference, Trondheim, 2014
- Conference on natural and cultural capital, under the Italian presidency of the EU, Rome, 2014
- 2nd conference of the French LTER network, Paris, 2011
- Taxonomy, biodiversity & beyond. Global change science & society, Tel Aviv, 2012
- 1st conference of the French LTER network, Rennes, 2011

13. Scientific and societal impact of research

- more than 100 publications including peer reviewed international articles, reports and books for broad audience, blogs, www-snapshots, podcast, interviews (see details: Eeva Furman homepage [http://www.syke.fi/en-US/Experts/Eeva_Furman\(3322\)](http://www.syke.fi/en-US/Experts/Eeva_Furman(3322)))
- Member of the Independent group of scientists, IGS, (15 members from around the world) who wrote the global sustainable development report 2019 for the UN (GSDR2019), 2016-2019
<https://sustainabledevelopment.un.org/globalsdreport/2019>
- As the director for the environmental policy centre and lead group member at the Finnish environment institute, as the chair of Finland's expert panel of sustainable development and as the author of the GSDR2019, meetings with and presentations and other material to:

- the staff of Finland's government, including deputy ministers, staff of the EC several DGs
- politicians, including ministers, members of the parliament and members of the European parliament, staff of all parties in Finnish parliament
- high level national and international actors from research, higher education and research funding (public, private); incl. rectors and CEOs
- media nationally and internationally, incl. Finland's TV
- high level municipal authorities incl. mayors
- high level actors from national and international NGOs, incl. CEOs
- high level actors from businesses, incl. CEOs
- high level actors from various countries and international organisations incl. UN secretary general, UN and UN member state staff, ministers of various countries
- Media interviews:
 - <https://www.extrakt.se/alla-beslut-maste-fattas-med-hallbarhet-som-grund/> (Formas, 4.5.2020)
 - <https://sustainabledevelopment.un.org/gedr2019> (UN, September 2019)
 - <https://svenska.yle.fi/artikel/2019/09/11/att-varldens-resurser-koncentreras-till-de-rikaste-hindrar-en-hallbar-utveckling> (Svensk YLE, 11.9.2019)
 - <https://areena.yle.fi/audio/1-50277359> (Radio Finland, 10.9.2019)
 - [UN science report to guide countries on the SDGs](#) (SciDevNet, 6 September 2017)
 - Companies' role in achieving the UN's global goals (<http://wayup.konecranes.com/>, October 2018)
 - [Science has a lot to offer to sustainable development](#) (The European Business Network for Corporate Social Responsibility, 4 October 2018)

Other synergistic activities (selection of key interventions, see also key notes):

- Speaker at Formas/Sweden Agenda2030 web-conference, 4.5.2020, www.formas.se/Agenda2030
- Speaker at GUNi international conference on higher education and science, Barcelona, 6.3.2020
- Speaker at the UN STI Forum workshop on STI for SD, Vienna, February 2020
- Speaker at the lunch meeting for cities by minister of foreign trade of Finland, January 2020
- Speaker at the Academic Press Europe Conference (APE), Berlin, January 2020
- Speaker at the UN multi-stakeholder breakfast, New York (skype), 6.11.2019
- Speaker at the OECD sustainable development futures workshop, CSTP, Paris (skype) 16.10.2019
- Speaker at the Friends of Global Fund Europe, French Embassy, Helsinki 3.9.2019
- Speaker at the Sustainable development goals-seminar. UN association of Finland 2.9.2019.
- Speaker at the State and Future of sustainable development in Finland, Helsinki, 29.5.2019
- Panelist at UArctic conference, Oulu, 5.9.2018
- Panelist at GARD (chronic respiratory illnesses) meeting, organized by WHO & THL, Helsinki (Nature step for health), 31.8.2018
- Panelist, North Pacific Arctic Conference Arctic 2030 and Beyond – Pathways to the Future, Honolulu (Sustainable development), 17.8.2018
- Panelist, Leopoldina academie, symposium, Berlin (Brain power for sustainable development), 13.6.2018
- Panelist EAT Forum, Stockholm (sustainable food systems in urban context), 11.6.2018
- Speaker at the Finland's sustainable development, state and future- seminar, Helsinki, 30.5.2018
- Speaker at Selviääkö maapallo-seminar at Finland's parliament's environment & nature club, 15.5.2018
- Panelist, Polsen symposium, Cornell university (Science-policy: bridging divides for sustainability), Ithaca, 11.5.2018
- Speaker at the European Parliament Intergroup on "Climate Change, Biodiversity and Sustainable Development & PEER partnership, Are you optimistic about our environmental future? Brussels, 23.1.2018
- Speaker at the EC: Green Infrastructure and Restoration (GIR) Working Group 7th meeting, June 2017
- Speaker at the UNEP International Resource Panel meeting, Helsinki, June 2017
- Speaker at city Vantaa, on the role of NBS for resource efficient city, Finland, March 2017
- Speaker at the Future Earth meeting on SDGs, Long Island New York, March 2017
- Speaker at the UN SDG seminar organized jointly by the Commission for sustainable development and the Commission for Politics of Development for Finland, June 2015
- Speaker at the Commission for sustainable development for Finland, December 2014

- Panelist at the GCOS (global climate observing system) workshop on Observations for Adaptation to Climate Variability and Change, February 2013.
- Chair of the session: Green infrastructure: from seas to forests, from fields to cities, at Euroscience open Forum ESOF2012, Dublin (July 2012), www.esof2012.org
- Co-chair moderator of ICSU Europe and Northern America recommendations for Rio+20 (2011), www.icsu.org/rio20

14. Positions of trust in society and other societal merits

- Member of the independent group of scientists (IGS), 2016-2019 drafting the UN quadrennial Global Sustainable Development Report 2019
- Chair of the advisory panel for the National Board of Sustainable Development, Finland 2015-2018, 2019-2021
- Expert member of the Policy Unit 8 (urban ecology and resilience) preparing the United Nations Conference on Housing and Sustainable Urban Development (Habitat III) 2016
- Member of the management board of the long term biodiversity research network, (ALTER-Net), 2009–2011
- Member of the scientific committee of the International long term ecological research network (ILTER), 2009–2010
- Leader of the expert panel of the European long term ecological research network, the (LTER-Europe), 2008–2012
- Member of the management board of the COST action Integrated assessment to support the sustainable development of urban areas, 2010–2013
- Chair for council of the European long term biodiversity, ecosystems and awareness research network, the ALTER-Net (www.alter-net.info), 2011-2013.
- Member for council of the European long term biodiversity, ecosystems and awareness research network, the ALTER-Net (www.alter-net.info), 2013-
- SVR-medal awarded by President of Finland, Tarja Halonen, in 2008

15. Other merits

Participation in official delegations of Finland (last 10 years):

- High level political forum on sustainable development, HLPF at UN Summit, New York, September 2019, member of Finland's delegation
- High level political forum on sustainable development, HLPF at New York, July 2019, member of Finland's delegation
- UN Habitat III plenary, Quito, October 2016, panel member in Special Session on Urban Ecosystems and Resource Management
- Habitat III EU preparatory meeting, Prague, March 2016
- IPBES 1st meeting of the Platform's Plenary, Bonn, January 2013