

CV

May 2023

Name

Dr. Maria Ojala
Associate Professor (docent) in psychology

Research director for the Center for Environmental and Sustainability Social Science (CESSS) at Örebro University (together with Assoc Prof Karin Gustafsson and Assoc Prof Erik Hysing).

Affiliation

School of Law, Psychology, and Social Work (psychology)
Örebro University
Örebro, Sweden
e-mail: maria.ojala@oru.se

Research groups and networks

Center for Environmental and Sustainability Social Science (CESSS)

Center for Lifespan Development Research (LEADER)

CSSN scholar: The Climate Social Science Network. Brown University, USA

Academic degree

1999 Master of Social Science, Psychology, Lund University, Sweden (including courses in political science, sociology, economics, business economics, statistics, informatics).

Doctoral degree

2007 PhD in Psychology, Örebro University, Sweden. *Hope and worry: Exploring young people's values, emotions, and behavior regarding global environmental problems.*

Post doc

2009 Feb - 2011 Aug Position as Postdoc, Örebro University (70%, research, 30% teaching)

Docent (Associate Professor)

2016 April Associate Professor (docent) in psychology, Örebro University

Current employment

2016 Nov - Senior lecturer in psychology (permanent position), Örebro University

Other employments (after doctoral exam)

2015 Senior lecturer in psychology, Linnaeus University (permanent position, first leave of absence during the fall of 2015, thereafter declined due to acceptance of another position)

2011 Sep- 2016 Oct Position as Assistant Professor (Forskarassistenttjänst), Uppsala University, Department of Education (80% research, 20% teaching)

2007 Aug –Oct, Dec Researcher, Örebro University

2008 Jan – 2008 Feb Researcher, VTI, Linköping

2008 April - 2009 Feb Researcher, Örebro University

Visiting scholar

Stanford Center on Adolescence, Stanford University, USA November 2007

University of Nottingham, Department of Education, England, April 2018

University of Michigan, Ann Arbor, USA, Combined program in psychology and education, November 2018

Leadership experience

2020 Aug -- Research director for the Center for Environmental and Sustainability Social Science (CESSS) at Örebro University (together with Ass Prof Karin Gustafsson and Ass Prof Erik Hysing).

2012-2014 Coordinator of seminar series about Values, Education, and Learning, Department of Education, Uppsala University. Including guest visits and lectures by, for example, Hans Joas, Professor in sociology, Freiburg Institute for Advanced Studies (FRIAS), Germany and Janet Swim, Professor in Psychology, Penn State University, USA.

2008 April -- Principal investigator for nine externally financed research projects

2009 Aug -- Main responsibility and course development – courses in social psychology, qualitative methodology, climate change education, psychology and sustainable development. Also responsible for one of three subparts of the PhD-course “Research communication” (HT2021 and VT 2023), commissioned by the Swedish research council VR.

Awards

Chosen by the Vice Chancellor at Örebro university (March 2021), after a nomination process, as one of two individual Kove-fellows 2021-2022 (Kove=Coordinated research support for higher scientific goals)

Top reviewer award for 2021 for reviews in the Journal Child and Adolescent Mental Health

Brief overview of teaching experience (excluding supervision of theses)

Teaching at basic and advanced level

Örebro University (2004-2011, 2016--): Lectures, seminars, workshops, problem-based learning, course responsibility and examination in social psychology, positive psychology, qualitative methods, personality psychology, critical investigation methodology for social workers, scientific perspectives in psychology, developmental psychology, environmental psychology at the program for teacher education, psychology and sustainability (developed the course from the ground).

Uppsala University, Department of Education (2012-2016): Lectures, seminars, workshops, course responsibility and examination. Child- and youth studies, climate-change education, developmental psychology, quantitative methods, and qualitative methods at the teacher education program.

Karolinska Institutet (2013--): Yearly lecture about climate change and psychology

Åbo Akademi, Finland (2022--): A yearly lecture about Climate-change psychology

Teaching at postgraduate level

Örebro University:

Responsible for one of three subparts of the PhD-course “Research communication”, lectures, seminar, and examination (developed the course from the ground) (2021, 2023)

Examiner of higher seminar course for doctoral students in psychology (2021)

Lecture and seminar about research communication in an overarching doctoral student course at Örebro university (Prof Magnus Boström responsible for the course), HT 2020

Lecture for doctoral students in media and communication about emotions and cognition (2004)

Uppsala University:

Responsible and examiner for the doctoral course “Emotions and coping” (2013)

Lecture for doctoral students in human geography about “Klimatfrågans psykologiska dimensioner – implikationer för undervisning” (2013)

Lectures in higher education pedagogy (for other university lecturers)

Örebro University: Lecture and seminar about emotions and education for sustainable development in higher education (2020, 2021)

Supervisor of BA and MA theses

In total 25 theses in psychology, education, and sustainable development at Uppsala University and Örebro University (to fall 2021), including a master’s thesis at the university of Berkley, 2021

Externally and internally financed research projects/grants as principal investigator, main applicant

2023 (2023-2026)

Continuing financing for strategic research environment: “CESSS”. In total **560 000 SEK**. PI: Maria Ojala, Erik Hysing och Karin Gustafsson (after external reviews)

2021 (2022-2026)

“What role does climate change worry play in young people’s life and learning processes? A longitudinal study about protective and transformational factors and implications for climate

change education.” Grant from the Swedish Research Council **VR**. Main applicant: Maria Ojala. **5 954 500 SEK**.

2021 (2022-2025)

”To trust or not to trust? Youth’s attitudes, emotions, and trust in climate change science” Grant from the Swedish Research Council **Forte**. Main applicant: Maria Ojala. **3 945 021 SEK**. Co-applicant Karin Gustafsson

2020 (2021-2023)

Financing for strategic research environment: “CESSS”. In total **3 000 000 SEK**. PI: Maria Ojala, Erik Hysing och Karin Gustafsson (in competition with over 20 research environments and after external reviews)

2018 (2019-2021).

Preconditions for communication about healthy and sustainable food with youth. As principal investigator. Postdoc project financed by Örebro University. Collaborators: Postdoc, Malin Anniko.

2017 (2018-2021)

Prefiguring sustainable futures through food activism: How young people deal with border tensions between the sustainable and unsustainable in everyday life. Grant from the Swedish Research Council **Formas**. Main applicant: Maria Ojala. **2 999 899 SEK**.

2017

How do climate change scientists cope with their work? Grant from The Swedish Research Council **VR**, for a research visit to Örebro University in Nov-Dec 2017 for doctoral student Jeffrey Swofford, Arizona State University, **55 380 SEK**

2012 (2013-2014)

Grant for seminar series: Values, Education and learning. Grant from **Forum för ämnesdidaktiska studier**, Uppsala University. Main applicant: Maria Ojala: Co-applicants: Prof. Carl Reinhold Bråkenhielm, Dr Ulrika Svalfors. **116 800 SEK**

2010 (2011-2016)

Young people’s communication with parents, friends, and teachers about global environmental problems: Emotions, coping, and self-efficacy. Four years position as Assistant Professor financed by the Swedish Research Council. **Formas**. **3 916 000 SEK**. PI: Maria Ojala

2009 (2009-2010)

Children’s attitudes and emotions concerning global environmental problems. **Swedish Energy Agency**. **360 500 SEK**. PI: Maria Ojala

2007 (2008-2012)

Learning about global environmental problems: Emotional aspects, emotion regulation, and a sense of purpose among children, adolescents, and young adults. The National Council for Environmental Research **Formas**. **1 293 300 SEK**. PI: Maria Ojala

2007 (2008-2010)

Coping with ambivalence: Young adults' attitudes and behavior regarding energy saving in the household. **Gothenburg Energy Research Foundation. 916 981 SEK.** PI: Maria Ojala.

Research projects (as participant) (after doctoral exam)

2019 (2019-2021)

Investigating associations between Media Exposure, Climate Anxiety and Mental Health (MECAMH). As participant. Together with researchers in Norway, Germany, and England. Principal Investigator is Dr Charles A. Ogunbode, University of Nottingham.

2017 (2018-2022)

Sedvänjor att undervisa om kontroversiella hållbarhetsfrågor och elevernas lärande. Financed by the Swedish Research Council, **VR.** PI: Professor Leif Östman, Uppsala University (from August 2018, one month in total).

2015 (2016-2018)

Mobility, informal learning and citizenship in mobile preschools. Financed by The Swedish Foundation for Humanities and Social Sciences (**RJ**) and Swedish Research Council, **VR.** 2016. PIs: Associate professor Danielle van der Burgt and Associate Professor Katarina Gustafson, Uppsala University (two months in total).

2013 (2013-2014)

How people experienced a large-scale control of mosquitoes in their community. Financed by **The County Administrative Board** in Gävleborg, 2013-2014 (two months in total for me). PI: Professor Rolf Lidskog, Örebro University.

2010 (2011-2014)

Preconditions of environmental moral learning within education for sustainable development: A multidisciplinary study of young Swedes attitudes, commitments and actions. Swedish Research Council, **VR.** PI: Associate Professor Lena Molin, Uppsala University (not employed but collaboration with my own projects)

2008 (2009-2010)

Political Socialization and Human Agency: The Development of Civic Engagement from Adolescence to Young Adulthood. **Riksbankens Jubileumsfond.** 2009. PIs: Professors Erik Amnå, Håkan Stattin, Margaret Kerr, Mats Ekström, Örebro University (I was not employed in this project, but collaboration with my own projects)

2006 (2007-2008)

Processionary Moth Governance. When, why and how should society intervene in natural biological systems? The National Council for Environmental Research, **Formas.** PIs: Prof. Rolf Lidskog, Örebro University, and Prof. Stig Larsson, SLU, Uppsala. (four months in total)

Research projects (before doctoral exam)

2005

En djupstudie av ovilliga och villiga medborgare och plaståtervinning. Grant from **Plastkretsen Research Foundation. 620 000 SEK.** PI: Prof. Birgitta Höijer, Örebro University.

Travel grants and smaller research grants

In total **255 100 SEK** from for instance Lars Hierta Memorial Foundation, Formas, and Naturvårdsverket

Assignment as reviewer - journals

Reviewer of 64 articles for: Environmental Education Research (10), Journal of Environmental Psychology (9), International Journal of Environmental and Science Education (8), Global Environmental Change (3), Environment and Behavior (2), Futures (2), Child and Adolescent Mental Health (2), Environmental Communication (2), Frontiers in Psychology, Environmental psychology (2), Journal of Environmental Education (2), Journal of Cleaner Production (1), Communications: The European Journal of Communication Research (1), European Psychologist (1), Mobilization (1), Public Understanding of Science (1), Journal of Applied Social Psychology (1); Journal of Youth Studies (1), Weather, Climate and Society (1), European Environment (1), Utbildning och Demokrati (2), WIREs Climate Change (1); Children, Youth, Environment (1), Risk Analysis (1), Natural Hazards (1), European Journal of Social Psychology (1), Geoforum (1), Society & Natural Resources (1), Political Psychology (1) The Lancet Planetary Health (1) International Journal of Behavioral Development (1), Journal of Adolescence (1)

Assignment as reviewer – conferences

Reviewer of paper proposals for the 9th biennial conference on Environmental Psychology, Eindhoven, the Netherlands, 2011 and for the 10th biennial conference on Environmental Psychology, Magdeburg, Germany, 2013.

Reviewer of paper proposals for ECER2020 (European Conference on Educational Research), Glasgow (the conference was thereafter cancelled due to Covid-19).

Reviewer of paper proposals for ECP 2022. European Congress of Psychology, Slovenia, July 2022.

Assignment as reviewer - research councils

Swiss National Science Foundation, Reviewer of research application

The Netherlands Organisation for Scientific Research (NWO), Reviewer of research application

REWIRE Programme at University of Vienna, Austria, Post-doc application

Independent Social Research Foundation, England, Reviewer of research application

Israel Science Foundation (ISF), Reviewer of research application

Part of Editorial Board (review):

International Journal of Environmental and Science Education (2013-2016)

Frontiers in Psychology, Environmental psychology (2016-2021)

Member of advisory group and scientific committees

Member of scientific advisory board for the project: Children's Green Transition Citizenship. Financed by Danmarks Frie Forskningsfond. The project is led by Professor Hanne Warming, Roskilde University, Denmark

Member of scientific advisory board for the project: "Klimatkänslor och affektiva dilemman: En psykologisk och filosofisk studie av deras normativa principer och av allmänhetens uppfattningar" Financed by Formas 2023-2026. The project is led by Kirsti Jylhä, PhD in psychology, and Julia Mosquera, PhD in philosophy, at the Institute of Future Studies.

Member of COP2 (Care of People x Planet), European Regional Hub. From Fall 2022-

Expert advisor for Mind, a Swedish civic society organization aimed at supporting people with mental health problems. 2022.

Expert advisor for the project "Use your influence – Från köphets till slutet kret". Grant from Allmänna Arvsfonden to the organization Fair Action. 4 689 801 kr. From Spring 2022

Member of scientific advisory board for the project: CCC-CATAPULT project (Challenging the Climate Crisis: Empowering Children's Agency to Tackle Policy Underpinned by Learning for Transformation). PI: Prof. Lindsey McEwen, Bristol University, UK. Financed by JPI Climate (Joint Programming Initiative "Connecting Climate Knowledge for Europe). 2021-2023

Co-arranger of an internal research conference about sustainability research at Örebro University, November 2021. Arranged by ORU-PSF

Advisory board for UNESCO Mahatma Gandhi Institute of Education for Peace and Sustainable Development (MGIEP). Providing help in launching a course in climate-change education. Fall, 2020

Member of scientific advisory board for the project: Climate-savvy? A project that captures student's commitment for sustainable lifestyles. PI: Dr Erik Sterner, Gothenburg University, Gothenburg. Financed by Formas. 2020-2021

Member of scientific committee for the international conference: "Anticipation and Anticipatory Systems: Humans Meet Artificial Intelligence", Örebro University, 10-13 June, 2019

Member of the working group/advisory group of the course "Actors And Strategies For Change" at CEMUS a student driven educational center with the explicit ambition to contribute to a more just and sustainable world, Uppsala University, SLU - Swedish University of Agricultural Sciences, Fall 2014 and Fall 2015.

Supervisor of postgraduate students and postdoctoral research fellows

Main supervisor of doctoral student, Amanda Rikner, psychology, Örebro University, September 2022-

Co-supervisor of Anna Pettersson, Social and economic geography, Uppsala University, 2012-2014 September (lic exam in June 2014). *De som Inte kan Simma Kommer nog att dö!*” *En Studie om Barns Tankar och Känslor Rörande Klimatförändringarna*. Uppsala: Uppsala Universitet, Forskarskolan i Geografi.

Part of doctoral committee/ co-supervisor, Jeffrey A. Swofford, School of Sustainability, Arizona State University, USA, 2016-

Co-supervisor of Salla Veijonaho, doctoral student in developmental psychology, Department of Education, Helsinki University, Finland, Fall 2021-

Supporting supervisor for doctoral student during visit at Örebro University, April – June 2019. Moritz Gubler, University for Teacher Education Bern and the University of Bern, Switzerland

PI of postdoctoral project Malin Anniko, PhD in psychology, Örebro University. 2019-2021

Supporting supervisor for postdoctoral researcher during visit at Örebro University, November – December 2021. Marlis Wullenkord, PhD in psychology, University of Greifswald, Germany

Supporting supervisor for doctoral student during visit at Örebro University, September to November 2022, Teresa Pereira University of Minoh, Braga, Portugal

Faculty opponent of doctoral theses

Faculty opponent of Sara Ekholm’s doctoral thesis in environmental sociology, Mid University, Sweden, June 9, 2023.

Faculty opponent of Mattias Holmgren’s doctoral thesis in environmental psychology, Gävle Högskola, April 2020. ”A negative footprint illusion in environmental impact estimates”

Part of examination jury/board (one of four opponents) for Hayley Pearce doctoral dissertation in communication science, Ghent University, Belgium. February 14, 2022 (internal defence), and March 11, 2022 (external defence).

Part of examination boards for doctoral theses

Part of examination jury/board for Sanna Ahvenharju’s doctoral dissertation in Future Studies, at University of Turku, Finland. External defence. June 10, 2022

Part of examination jury/board for Hayley Pearce doctoral dissertation in communication science, Ghent University, Belgium. February 14, 2022 (internal defence), external defence March 11, 2022

Part of examination board for Sara Thunberg’s doctoral thesis in social work, Örebro University, June 2020. “Victimization, Positioning, and Support: Young Victims' Experiences of Crime”

Part of examination board for Sara Edlund’s doctoral thesis in psychology, Örebro University, November 2017. “Calm down: strategies for emotion regulation in clinical practice”

Reviewer of theses at a postgraduate level

External reviewer of Sanna Ahvenharju's doctoral dissertation in Future Studies, at University of Turku, Finland. Final check before the defence of thesis. Spring 2022.

External reviewer of Kerstin Weimer's doctoral thesis in psychology (50%), Mid Sweden University, Sweden. Fall 2017.

External reviewer of Kirsti Jylhä's doctoral thesis in psychology (50%), Uppsala University, Sweden. 2015.

External reviewer of Teresa Berglund's licentiat thesis in education, (90%), Karlstad University, Sweden. Spring 2014

Internal reviewer of Tomas Torbjörnsson's doctoral thesis in education (90%). Uppsala University, Sweden. 2014.

Final reviewer of MA thesis in sustainability science, Uppsala University, 2015

Reviewer of (sakkunnig) candidates to academic positions

Reviewer of candidates to a senior lecturer position in psychology. Högskolan i Kristianstad, 2019-2020 (the position was withdrawn in a late stage)

Reviewer of candidates to a senior lecturer position in psychology. Högskolan i Kristianstad, 2022 (June 15-Sep 15) and 2023

Presentations at external scientific seminars (invited)

Hope and worry: Young people's values, emotions, and behavior regarding global environmental problems. The Center on Adolescence Colloquium Series, Stanford University, USA. November 2007

Ungas tankar, känslor och beteende angående globala miljöproblem. Seminar series at the Department of Psychology, Lund University. March 2010.

Young people and global climate change: Emotions, coping, and emotion socialization processes. Workshop Barndom i tid och rum. Uppsala University. September 2013.

Learning to regulate climate change related emotions: Implications for environmental efficacy and pro-environmental actions. TRUST. Uppsala transdisciplinary seminar in sustainable development. Uppsala University. November 2013.

Young people and global climate change: Emotions, coping, and everyday engagement. Seminar series at the Department of Social and Economic Geography, Uppsala University. September 28, 2015

Unga och klimatfrågan: Om vikten att inkludera emotionella aspekter i utbildning för en hållbar framtid. Högre seminarium i Ämnesdidaktik och Utbildningsvetenskap med inriktning mot praktiska kunskapstraditioner. CESAM, Stockholm University. 16 March 2016.

Känslor, värden och utbildning för en hållbar framtid: Att främja en kritisk känslokompetens i klimatundervisning. Seminarium vid det didaktiska forskarnätverket: Hållbar samhällsutveckling. Örebro Universitet. December 3, 2019

How do young people cope with climate change? Implications for communication and education about sustainability challenges. Centrum för hav och samhälle, University of Gothenburg, February 21, 2020

Seminar at School of Education and Environment, Man and Biosphere Health Research Group, Kristianstad University, 28 April, 2020 (**cancelled due to Covid-19**)

“Climate change psychology – facing difficult emotions in relation to complex sustainability problems.” Lecture for students and seminar for teachers, Campus Gotland, Uppsala University, September 9, 2020

”Att främja en kritisk känslokompetens i utbildning för hållbar utveckling”
Seminar at SLU (Swedish Agricultural University), Uppsala, October 1, 2020.

“Hope in the face of climate change: Wishful thinking or an existential must?”. Seminar at Institutet för Framtidsstudier (Institute for Future Studies), Stockholm, March 30, 2022

“Climate-change worry: Wellbeing and engagement” Seminar at the Behaviour and Evolution Research Group (Berg) University of Stirling, Stirling, Scotland; March 29, 2023

“Young people and climate change; Communication, emotions, and coping.” Seminar. SLU, Uppsala, Climate Change Communication Research Group, May 17, 2023.

Workshop about emotions and education. “Affective Pedagogies in a Warming World” June 13-14, 2023, Gothenburg University, Sweden. Invited by Professor Kari Facer.

Invited keynote presentations international and national conferences

Invited keynote speaker at the Slovenian Psychology Association’s conference. November 2023.

Invited speaker at keynote symposium at the online conference Society for Environmental, Population, and Conservation Psychology (Division 34 of the American Psychological Association). October 19-20, 2023

Invited keynote speaker at the conference "Living with Climate Change", University of Bergen, Bergen, Norway, 8th-9th May 2023.

My presentation: Young people’s coping in the face of climate change: On the importance of meaning-focused coping, dialectical thinking, and defiant hope

Invited keynote speaker at the Swedish Network in Environmental Psychology’s yearly conference, Uppsala University, Uppsala, Sweden, 10-11 November, 2022.

My presentation: Hope and climate-change engagement from a psychological perspective

Invited closing keynote speaker at The 5th edition of the Polish Scientific Networks Conference (PSN 2022). Climate Change: Science and Society. Wroclaw, Poland, 28-30 September 2022.

My presentation: Hope in the face of climate change: Wishful thinking or a precondition for sustainability transformation?

Invited keynote speaker at the ECP 2022. The 17th European Congress of Psychology. 5-8 July, Ljubljana, Slovenia.

My presentation: How do young people cope with climate change and how do they deal with sustainability conflicts? Implications for wellbeing and climate engagement

Invited keynote speaker at the 2021EADP summer tour. An online conference arranged by the European Association for Developmental Psychology. September 3, 2021 (online due to Covid-19).

My presentation: Young people and climate change: Implications for developmental psychology and youth research

Invited keynote speaker: EwS 2020: The 2nd international Education With Sustainability Conference, Mid Sweden University, Sweden, August 13, 2020 (online due to Covid-19).

My presentation: Promoting critical emotional awareness in education for sustainable development

Invited keynote speaker: The 10th conference of INCHES (International Conference on Children's Health and the Environment), 22-24 April 2020, Amsterdam, The Netherlands. **Cancelled due to Covid-19.**

Invited keynote speaker: The Rovaniemi Arctic Spirit Conference. Climate change and the future generations. 12-13 November 2019, University of Lapland, Rovaniemi, Finland

My presentation: Hope and worry: Young people's engagement concerning climate change

Invited keynote speaker: 13 th Congress of European Forest pedagogy network, TOGETHER – How to involve children and teenagers in decision making, planning and learning, 2 – 5 October, 2018 Pudasjärvi, Finland, October 4.

My presentation: 'Emotional aspects in forest-related education for sustainable development: Young people's emotions, coping strategies and engagement.'

Invited plenary speaker at the mini conference: SIG COSER (Challenges of Sustainability in Educational Research). Oslo University, Oslo, Norway, March 20, 2018

My presentation: Hope and worry in education for a sustainable future: On the importance of critical emotional awareness.

Invited presentations and panel discussions at international conferences

Invited to take part of the panel discussion about: "What can various generations learn from each other in matters regarding a climate-friendly lifestyle?" at the conference "Living with Climate Change", University of Bergen, Bergen, Norway, 8th-9th May 2023.

Panel discussion at the UNESCO World Conference on Education for Sustainable Development. May 18, 2021. Organizers: UNESCO and the Federal Ministry of Education and Research of Germany. Online/virtual conference. Together with Professor Heila Lotz-Sisitka, Stanley T Asah, and Anantha Duraipappah, director UNESCO

Invited speaker at the conference "Hope and Well-Being: During Times of Stress, COVID-19, and Beyond". Institute for Hope Research at the Peres Academic Center, Rehovot, Israel, February, 23, 2021 (online due to Covid-19).

My presentation: Hope and global climate change

Invited speaker at: Danish Psychological Association's Conference 2020. Copenhagen, Denmark, September, 19, 2020 (online due to Covid-19).

My presentation: How do young people cope with climate change?

Panel discussion: The Rovaniemi Arctic Spirit Conference. Climate change and the future generations. 12-13 November 2019, University of Lapland, Rovaniemi, Finland
With the Minister of the Environment and Climate Change of Finland, Krista Mikkonen and active Arctic Youth representatives. Panel was moderated by researcher Gosia Smieszek.

Part of invited symposium: Young people and climate change. Together with Prof. Katariina Salmela-Aro (chair), and Prof. Daniel Hanss at EARA 2020, 2-5 September, 2020, Porto, Portugal (online conference due to Covid-19, Sep 3).

My presentation: Ambivalence about climate friendly food choices and coping among late adolescents

Part of invited symposium: 'Supporting Children and Youth Across the Globe in Addressing the Climate Crisis' Together with Prof. Ann Sanson (chair), Prof. Constance Flanagan, and Dr Padilla, at the ISSBD 2020, 21-25 June, Rhodes, Greece (**cancelled due to Covid-19**).

My presentation: Food as a form of climate activism: How young people deal with border tensions between the sustainable and unsustainable in everyday life

Part of invited symposium: 'Climate change and young people: Implications for human development.' Together with Prof. Ann Sanson (chair), Prof. Susan Clayton, and Dr Susie Burke, at the ISSBD 2018, 15-19 July, Gold Coast, Australia.

My presentation: 'Being young in a time of climate change: Coping strategies, communication patterns, engagement, and subjective wellbeing.'

Part of research panel discussing the topic "The existential issues of children and youth when facing contemporary challenges" at the international conference "Existential questions in research and education". Together with Gunnar, J. Gunnarsson, Robert Jackson, and Eva Alerby. Sigtuna, Sweden, October 27-29, 2016.

Bibliometrics

Scopus H-factor 14, Google scholar H-factor 23, 3565 citations.

According to a bibliometric report created as part of the KOVE-program (which I was selected to in the spring of 2021 by the Vice Chancellor) two of my articles are among the 1% highest cited in my research field, and over half are among the 10% most cited.

Other scientific merits

Ranked as number 38, in the category psychology and education, in the journal Fokus ranking of Swedish researchers (based on a citation analysis), Fall 2019

Nominated and selected as one of Sweden's 100 "coolest" researchers in relation to "The scientific festival in Gothenburg" (<http://vetenskapsfestivalen.se/filmer/>). In an interview for children. 2018.

Coordinator of a seminar series: "Values, Education and Learning". Department of Education, Uppsala University. Sponsored by Forum för ämnesdidaktiska studier, Uppsala University. 2013-2014

Coordinator of a seminar in environmental psychology, MTM Research Centre, Örebro University. Fall 2003.

Chair for the session "Mediators of environmental conservation" at the 8th Biennial Conference on Environmental Psychology, Zürich, Switzerland, September 6-9, 2009.

Chair for the symposium "Young people and climate change engagement" (together with Cecilia Bergstad, Gothenburg University), IAPS 2016, Lund, Sweden, June 28- July 1, 2016.

Chair for the session Climate change education at ATEE2018, Gävle, Sweden, August, 2018.

Media attention

About 110 articles focusing on my research (interviews) published in newspapers and magazines (see <https://www.linkedin.com/feed/> for more specific content of some recent articles)

Some examples:

Harvard Medicine Magazine, Forthcoming spring 2023

Weekendavisen, Denmark, Feb 4, 2023

Večer (Slovenian newspaper), Sept, 2022, <https://moj.vecer.com/slovenija/skrbi-otrok-povezane-s-podnebnimi-spremembami-jemljimo-resno-10295834>

Die Zeit (online), May 9, 2022, <https://www.zeit.de/2022/19/klimawandel-kinder-belastung-psychologie-familie>

InSight+, Swiss blog, April 4, 2022. <https://insightplus.mja.com.au/2022/12/no-mental-health-without-planetary-health/>

The Good Man Project, March 2022 <https://goodmenproject.com/featured-content/three-ways-to-help-children-channel-climate-change-anxiety-into-positive-action/>

Natursidan: January, 21, 2022 <https://www.natursidan.se/nyheter/mote-mellan-elever-och-forskare-ska-minska-klimatoro/>

Ecoavant.com Dec 10, 2021 https://www.ecoavant.com/salud/ecoansiedad-afecta-cambio-climatico-nuestra-salud-mental_7477_102.html

El Tiempo, Colombia. Dec 7, 2021. <https://www.eltiempo.com/vida/medio-ambiente/ecoansiedad-asi-afecta-el-cambio-climatico-a-nuestra-salud-mental-637405>

Spanish News in English Dec 4, 2021: <https://spainsnews.com/this-is-how-climate-change-affects-our-mental-health/>
Wired Dec 2, 2021, <https://www.wired.com/story/climate-change-anxiety-tips-maria-ojala/>
CIPER Chile October 10, 2021 <https://www.ciperchile.cl/2021/10/18/la-ecoansiedad-no-es-el-problema/>
JSTORE Daily Oct 2021
Västerbottens Kuriren 211001 (mentioning)
Knowable Magazine 2021-09-29
New York Times 2021-04-16
Dansk Psykolog Forenings Magasin P, Nr 6, 2021
Forum för Bioekonomi (VT 2021)
Extrakt Jan 14, 2021
Extrakt, Sept 24, (mentioning), dec (int) 2020
Skolportalen nr 4 2020
Allas, nr 10, 2020, feb 27
<https://nordkalottradet.org/>
bbc.com, January 10, 2020
Syre, December 2, 2019
Lapinkanska, Finland, Nov 19, 2019, <https://www.lapinkansa.fi>
Psychology Today (blog) (mentioning), Nov 4, 2019
New York Times, Oct 9, 2019
Article by TT, Sep 28, published in many Swedish newspapers like SvD, Sydsvenska Dagbladet, UNT, Eskilstuna-Kuriren, Folkbladet, NSD
LaRegion (Switzerland) Sep 20, 2019.
<https://www.laregione.ch/ticino7/ticino7/1392779/ecoansia-soffrire-con-il-pianeta>
Los Angeles Times Sep 19, 2019
Expressen 27 July 2019
Live Science 2 July 2019
Chef Nr 06/07 2019 (mentioning)
Nerikes Allehanda May 23, 2019
Expressen, debatt (mentioning), May 21, 2019
UNT May 12, 2019
Nya Wermlands-Tidningen May 7, 2019
Modern Psykologi, nr 4, 2019
SVT nyheter (www.svt.se), April 26, 2019
www.heavy.com, April 22, 2019
SvD ledare (mentioning), March 16
Hufvudsstadsbladet (Finland), March 11
Vasa Bladet (Finland), March 10
Gota Media (Kristianstadsbladet, Ystads Allehanda, Smålandsposten, Borås Tidning), March 9, 2019
Trouw, The Netherlands (March 1, 2019)
Svenska Dagbladet (SvD) (Feb 2019)
Dagens Nyheter (DN) (Feb 2019)
Pedagogiska magasinet (Feb 2019)
Scienceline (USA) (Jan 2019)
Boulder Daily Camera (Dec 2018)
Fokus (November 2018)
Psychology Today

New Scientist
Dagens Nyheter
DN Global
Svenska Dagbladet
Modern Psykologi
Göteborgsposten
The Ecologist
Lärarnas tidning
Sydsvenskan

18 interviews and mentioning in radio and television

Some examples:

NPR, USA, (October 24, 2019)

Studio Ett från Almedalen, P1, SR (July 3, 2019)

Eftermiddag i P4 Örebro, Sveriges Radio (SR) (March 21, 2019)

P1-morgon, Sveriges Radio (SR) (Feb 15, 2019)

Sisuradio, Sveriges Radio (SR) (Dec 8, 2018)

SVT, Lokala Nyheter Örebro (Nov 9, 2018)

Klotet, SR P1 (Sep 19, 2018)

Tvärsnytt, SVT (Nov 28, 2017)

Lärlabbet, Utbildningsradion (UR)

WLRN, Miami South Florida (radio)

P1-morgon, Sveriges radio (SR) P1

Skolministeriet Sveriges radio (SR) P1

Eftersnack Sveriges television (SVT)

Kossornas Planet Sveriges radio (SR) P4

Altmetric

Many of my published articles have high scores regarding Altmetrics, that is, how much they are noticed and mentioned in for example traditional media, social media, policy reports, Wikipedia and so on. For example, seven of my scientific articles are in the top 5% of all research outputs scored by Altmetric. Most of those that are scored in this system (not all are) are among the top 25% of all research outputs scored by Altmetric.

Invited popular scientific presentations/ public speaking

Spring 2023 ”Att främja en kritisk känslomässig kompetens i utbildning för hållbar utveckling”

Seminar at Naturvetenskapligt och Samhällsvetenskapligt didaktiskt nätverk, Örebro

Universitet, January 26, 2023.

Fall 2022 Invited by Grants office at Örebro University, as a representative for successful researcher regarding external financing, to talk about research applications to younger researchers

September 15 2022. “Klimathopp genom praktisk handling och en kritisk känslomässig kompetens”
Workshop and presentation for teachers (preschool to senior high school) at workshop arranged by Högskolan i Halmstad och Globala Skolan, Halmstad, Sweden

June 22, 2022 Part of panel discussion about emotions and climate change “Eco-anxiety and eco-emotions: an evening with leading scholars”, Helsinki, Finland. Together with Prof Susan Clayton, Dr Elin Kelsey, and Assoc Prof Panu Pihkala. Moderated by Dr Kirsti Jylhä

April 28, 2022 Trotsigt hopp! Ungas klimatengagemang i en tid av hopplöshet. Hållbarhetsveckan, Högskolan Väst

March 4 2022 "Klimat, makt och motstånd bland unga" Framtidsfredag Uppsala Stift, Svenska Kykan, Uppsala, Sweden

September 2021 Panel discussion, Svenska Bokmässan, Forskartorget, Gothenburg, Sweden, 24 September

September 2021 ”Ungas känslor inför klimathotet och implikationer för utbildning för hållbar utveckling”. Seminarium om miljö känslor, Helsinki, Finland. September 29, 2021

August 2021 ”Climate change as an existential challenge: Including emotional aspects in education for a sustainable future”. Summer school for teachers arranged by Mondo. Viljandi, Estonia. August 19, 2021

March 17, 2021 "Klimat, makt och motstånd bland unga" Framtidsakademin, CEMUS, Folkuniversitetet och Uppsala stadsbibliotek

Feb 2021: Existentiell samtalsfestival, Örebro. February 18-19, 2021 (cancelled due to the Covid-19 pandemic)

Sept 2020. Ungas klimatoro – hoppfullt eller hopplöst? Fenomenalen Science Center, Visby, Gotland, September 8, 2020

Feb 2020: Klimatpsykologi. Klimatstudenterna, Örebro Universitet, Örebro. February 25, 2020

Feb 2020: Klimatoro som drivkraft till handling eller handlingsförlamning? Klimatfrågan ur ett beteendevetenskapligt perspektiv. Ljud och Bildskolan . Kreativa Gymnasiet, Linköping, February 4, 2020 (popular scientific presentation for high-school students)

Jan 2020: Climate change psychology: Dealing with climate anxiety. Embassy of the Netherlands in Sweden, Stockholm, January 29, 2020

Nov 2019: Hälsosamt klimat? Paneldiskussion Mänskliga rättighetsdagarna, Linköping (Nov 15) (cancelled due to a flue)

Sep 2019: Plenary session: Panel discussion: Climate Emergency: What must we do? How to invest accordingly? At Summit of Minds, Chamonix, France, September 19-21, 2019

Deltagande i följande seminarier/panel Almedalsveckan 2019:

"Hopp eller förtvivlan – hur hanterar vi världens undergång?" Studieförbundet Bilda. 19-07-03

"Psykologi och klimatfrågan". Psykologförbundet. 190702

"Hur rustar vi våra lärare och elever att hantera hållbar utveckling?" SWEDESD, Uppsala Universitet. 190704

April 2019: Klimatoro som drivkraft till handling eller handlingsförklaring? Klimatfrågan ur ett beteendevetenskapligt perspektiv. Klimatkommunernas årsmötesdagar, Örebro

March 2019: Keynote speaker at LEarning About Forests (LEAF) annual meeting, Limerick, Ireland, March 27th – 29th

November 2018: *Young people and climate change communication: on the importance of taking account of emotions and coping strategies*. Presentation at the Museum of Natural History, University of Colorado, Boulder, Colorado, USA, Nov 5

October 2018. Panel discussion with Gustav Fridolin, Minister for Education and spokesperson for the Green Party (Miljöpartiet) in Sweden, about young people and climate change. In Örebro on October 30, 2018. Café Grön

July 2018: *Young people and global climate change: Coping strategies, engagement and well-being*. Australian Psychological Society, Melbourne, Australia, July 24.

May 2018: *Hållbar utveckling och psykologi*. Föredrag på Karolinska Institutet (KI), Stockholm, May 15.

February 2018: *Att vara ung i en tid av klimatförändringar – copingstrategier, subjektivt välmående och engagemang*. Psykologi för hållbar utveckling. Psykologförbundet, Stockholm, February 19.

October 2017: Presentation and panel discussion at "Hållbarhetsdagen om hållbara framtidsdrömmar" vid Högskolan Väst, Trollhättan. *Klimatoro och framtidshopp*

June 2017: Presentation at forest seminar at the Nordic Council of Ministers meeting in Ålesund, Norway. *Ungas attityder till miljöfrågor: Behöver skogsbruket bry sig?*

May 2017 – Öppen föreläsning vid Karolinska Institutet, Stockholm. Hållbar utveckling och psykologi

May 2017 – Del av forskarpanel i samband med Johan Rockströms presentation vid seminarieriet "Tankar om framtiden" vid Örebro Universitet

February 2017 – Workshop om "consumption, time and values" på Världskulturmuseet, Göteborg.

October 2016 – Tredje Rummet, Victoriateatern, Malmö. *Från handlingsförklaring till hopp och handlingskompetens. Hur hanterar unga klimatfrågan i vardagslivet?*

February 2016 - Stockholms FN-förening. Stockholm, 24 februari. *Attityder, känslor och handling: Hopp för ett hållbart engagemang*

November 2015 - Inledande föredrag i arbetsstationen "Det börjar i skolan" i konferensen

”Nationell verkstad för hållbara livsstilar”, Stockholm. Arrangör: Naturvårdsverket. *Om vikten av transformativt lärande*

March 2015 – eTwinning seminar, Nature, Stockholm. Arrangörer: Högskolerådet. Keynote: *Hope and climate change: The importance of including emotional dimensions in education for a sustainable future.*

October 2014 – Utbildning för hållbar utveckling på vetenskaplig grund, Göteborg. Arrangör: Globala Skolan. *Från ångest till handlingskompetens.*

February 2014 – Ekoteologiska dagarna, Rättvik. Arrangör: Svenska Kyrkan. *Ungas klimatoro – en drivkraft till förändring?*

September 2013 - Workshop Barndom i tid och rum. Uppsala Universitet. *Young people and global climate change: Emotions, coping, and emotion socialization processes.*

March 2012 - Energiutblick 2012, Göteborg. Arrangör: Energimyndigheten. *Vuxna bara snackar – ungas känslor inför klimatet*

February 2012 - Energisamling för framtiden. Konferens- och nätverksträff om lärande för hållbar utveckling, Borlänge. *Barn och ungas tankar och känslor om klimatet*

October 2011 - Seminarserie vid Energimyndigheten, Eskilstuna. *Unga, klimathotet och energiförbrukningen i samhället*

May 2011 - Seminarserie om klimatproblematiken vid Riksdagens utredningstjänst. *Beteendevetenskapliga perspektiv på klimatfrågan*

November 2010 - Deltagare i forskarpanel för att diskutera filmen ”Home” vid offentlig visning vid Örebro Universitet

December 2009 - Framtidens Klimatkonvent i Västmanland. Arrangör: Förbundet Agenda 21 i Västmanland, Mälardalens högskola. *Unga och klimatproblematiken – framtidshopp i en värld av globala hot*

September 2009 - Energianvändning i vardagen, Möte arrangerat av Göteborg Energi AB. Göteborg. *Unga vuxnas energisparande i hemmet – positiva och negativa strategier för att hantera konflikter i vardagslivet*

September 2009 - Öppen seminarserie vid Forskarskolan Offentlig verksamhet i utveckling, Kupolen, Rådhuset i Örebro. *Unga och klimatproblematiken – framtidshopp i en värld av globala hot*

April 2009 - Lärande för hållbar utveckling, Orsa. *Klimatoro och framtidshopp.*

November 2008 - Den offentliga föreläsningsserien, Örebro Universitet. *Klimatoro och framtidshopp – Om miljöfrågans existentiella och moraliska dimensioner*

October 2008- Kunskapstorget, VR och Skolforum, Stockholmsmässan. *Klimathot och framtidshopp*

March 2008 - Mötesplats Ungdom 2008, Göteborg. *Hopp och oro - ungdomars engagemang inför den globala miljöproblematiken*

December 2007 - Internationella frivilligdagen, Göteborg. Arrangörer: GFC och Göteborgs stad. *Den hoppfulla oron? Unga människors miljöengagemang*

June 2007 - Rättviks förrum till Tällberg Forum: "Förvaltarskapstanken i praktiken", Rättvik. Arrangör: Svenska kyrkan. *Den hoppfulla oron? Unga människors engagemang inför globala miljöproblem*

September 2005 - Popular scientific presentation about environmental research in social science. Department of Science, Örebro University (with Prof. Rolf Lidskog).

Collaboration with other sectors in society

Gothenburg Energy: In the research project "Att hantera det ambivalenta: Unga vuxnas attityder och beteendegällande energieffektivisering i hemmet" I have collaborated with Göteborgs Energi. I held presentations that they arranged and had a reference group consisting of different professions from this company, the university, but also from real estate companies.

The Swedish Energy Agency: In the research project "Barns känslor och tankar om miljöproblemen och energiförbrukningen i samhället" I have collaborated with the Swedish Energy Agency, among other things, around a popular science writing and by holding talks for employees at the authority.

The County Administrative Board Gävleborg: In the research project on mosquito control and the public (together with Prof Rolf Lidskog) I have collaborated with the County Administrative Board in Gävleborg. Here, the survey was conducted, mainly data collection, in close collaboration with a county administrative officer.

Stiftelsen Håll Sverige Rent have been in touch with me to develop a didactic guidance related to education about energy issues but also to sustainable development at large. It is aimed at teachers in elementary school (ranks 4-9). My research is presented in this guide.

The organization "*Stormvarning*" has interviewed me on his blog in the fall of 2014. There I am interviewed by the artist Christopher Sander. The purpose of the organization is to raise awareness of climate issues through interaction between science and culture.

<http://stormvarning.org/intervjuer/varldens-undergang-med-mera-ett-samtal-om-oro-och-klimat/>

UR (educational radio, part of Swedish radio) has produced an educational guide for children on the climate issue where my research is presented "The Climate monster".

I have been interviewed to the *Library service's* series "Talk to the children about ..." In this case about climate and environment in "Talk to the children about No. 2 2015."

Museum of World Culture (Sweden) in a workshop about consumption, values and time in order to prepare for an exhibition on climate change + research presentation in a video to that

exhibition. 2017-2019. Also online at Human Nature School:

<http://humannatureskola.se/tema/vad-tal-var-jord/>

Sveriges Hembygdsförbund. Collaboration on an inspiration paper in their magazine in a special issue about sustainable development. The target group is hometown associations who want to collaborate with the school. Is intended to be used in study circles. 2018.

Centrum för naturvägledning intervju nyhetsbrev, 2018, May

Panel discussion with Gustav Fridolin, Minister for Education and spoke person for the Green Party, Sweden, about young people and climate change. Örebro Oct 30, 2018. Café Grön

Invited article to the quarterly journal of the *Royal Society for the encouragement of Arts, Manufactures and Commerce (RSA)* January 4, 2019

DN Debatt Klimatforskare stödjer klimatstrejken (March 15, 2019)

<https://www.dn.se/debatt/vi-klimatforskare-stodjer-greta-och-skolungdomarna/>

Världsnaturfonden, WWF-Sweden, interview "Ungas röst i samhället". Spring 2019

Haltia Naturskola, Finland: 10+1 verktyg för att hantera miljöoro med barn och unga. Input från min forskning till lista över råd till föräldrar. Spring 2019

<https://www.haltia.com/se/naturskola/tio-verktyg-f%C3%B6r-att-hantera-milj%C3%B6%C3%A5ngest/>

Örebro läns museum. Participation in a project/exhibition aimed at high schools. Fall 2019.

Collaboration with Think the Unthinkable, UK, England, Fall 2019

Spilloteket, educational material for children, reviewer of material, Spring 2020

<https://www.spilloteket.se/intro-foereningar>

Climate Museum UK has covered my research in an exhibition about coping with climate change. <https://climatemuseumuk.org/2020/02/09/climate-coping-strategies/>. Fall 2020.

UNESCO Mahatma Gandhi Institute of Education for Peace and Sustainable Development (MGIPEP). Providing help in creating and launching an online course about climate change. Fall, 2020 <https://www.framerspace.com/course/climate-change>

Film about my research to “Den globala skolan, UHU-program”, a central education program for continuing education for teachers, Fall 2020.

Invited by the vice chancellor at Örebro University, Johan Schnürer, to present my research at a meeting with the Minister for Education (higher education) Anna Ekström. Feb 23, 2022.

Collaboration with US based Child and Family Blog. Feb 2022

<https://childandfamilyblog.com/children-climate-change-anxiety-positive-action/>

Social media

I have a project blog for my latest project for Formas where I share news in the project

<https://prefiguringsustainablefutures.wordpress.com/>

I will start project blogs for my two new projects financed by Forte and VR in the fall of 2022 when my engagement starts in these projects

I twitter about my research

<https://twitter.com/iaojala>

I am active at Research Gate

<https://www.researchgate.net/profile/Maria-Ojala>

I have a LinkedIn account where I mostly share research related news

<https://www.linkedin.com/in/maria-ojala-9606a4143/>

Publications

International peer-reviewed original articles and chapters

1. Ojala, M. (2023). Hope and climate-change engagement from a psychological perspective. *Current Opinion in Psychology*, 49, 101514
<https://doi.org/10.1016/j.copsyc.2022.101514>
2. Jylhä, K., & Stanley, S., **Ojala, M.**, & Clarke, E. (2023). Science denial: A narrative review and recommendations for future research and practice. *European Psychologist*,
<https://doi.org/10.1027/1016-9040/a000487>
3. D C. Ogunbode, R. Doran, D. Hanss, **M. Ojala**, K. Salmela-Aro, K. van den Broek, N. Bhullar, S. Aquino, T. Marot, J. Aitken Schermer, A. Wlodarczyk, S. Lu, F. Jiang, D. A. Maran, R. Yadav, R. Ardi, R. Chegeni, E. Ghanbarian, S. Zand, R. Najafi, J. Park, T. Tsubakita, C-S.. Tan, J. Bosco, C. Chukwuorji, K. Ojewunmi, H. Tahir, M. Albzour, M. E. S. Reyes, S. Lins, V. Enea, T. Volkodav, T. Sollari, G. Navarro-Carrillo, J. Torres-Marín, W. Mbungu, A. Ayanian, J. Ghorayeb, C. Onyutha, & M.J. Lomas (2022). Climate anxiety, pro-environmental action, and wellbeing: antecedents and outcomes of negative emotional responses to climate change in 32 countries. *Journal of Environmental Psychology*, 84, 101887.
<https://doi.org/10.1016/j.jenvp.2022.101887>
4. Ojala, M. (2022). How do children, adolescents, and young adults relate to climate change? Implications for developmental psychology. *European Journal of Developmental Psychology*. Online first 10.1080/17405629.2022.2108396
5. Ojala, M. (2022). Climate-change education and critical emotional awareness (CEA): Implications for teacher education. *Educational Philosophy and Theory*, on line first 10.1080/00131857.2022.2081150

6. Ojala, M. (2022). Prefiguring sustainable futures? Young people's strategies to deal with conflicts about climate-friendly food choices and implications for transformative learning. *Environmental Education Research*, 28(8), 1157-1174, DOI: 10.1080/13504622.2022.2036326
7. Ojala, M. (2022). How do young people deal with border tensions when making climate-friendly food choices? On the importance of critical emotional awareness for learning for societal change. *Climate*, 10(1), 8, Special Issue: Anthropogenic Climate Change: Social Science Perspectives <https://doi.org/10.3390/cli10010008>.
8. **Ojala, M.**, Cunsolo, A., & Ogunbode, C., & Middleton, J. (2021). Anxiety, worry, and grief in a time of environmental and climate crisis. A narrative review. *Annual Review of Environment and Resources*, 46, 35-58. <https://www.annualreviews.org/doi/10.1146/annurev-environ-012220-022716>
9. Ojala, M. (2021). Safe spaces or a pedagogy of discomfort? Senior high-school teachers' meta-emotion philosophies and climate change education. *Journal of Environmental Education*, 52(1), 40-52 <https://doi.org/10.1080/00958964.2020.1845589>
10. Ojala, M. (2021). To trust or not to trust? Young people's trust in climate change science and their climate change engagement. *Children's Geographies*, 19(3), 284-290 <https://doi.org/10.1080/14733285.2020.1822516>
11. **Ojala, M.**, Ekman Ladru, D., & Gustafson, K. (2021). Parental reasoning on choosing the mobile preschool: Enabling sustainable development or adjusting to a neoliberal society? *Early Childhood Education Journal*, 49, 539–551. DOI: 10.1007/s10643-020-01083-z
12. **Ojala, M.**, & Anniko, M. (2020). Climate change as an existential challenge: Exploring how emerging adults cope with ambivalence about climate-friendly food choices. *Psyke og Logos*, 2, 17-33.
13. Ojala, M. (2019). Känslor, värden och utbildning för en hållbar framtid: Att främja en kritisk känslokompetens i klimatundervisning. *Acta Didactica Norge*, 13(2), 1-17. DOI: <http://dx.doi.org/10.5617/adno.6440>
14. **Ojala, M.**, & Bengtsson, H. (2019). Young People's Coping Strategies Concerning Climate Change: Relations to Perceived Communication with Parents and Friends and Pro-Environmental Behavior. *Environment and Behavior*, 51(8), 907–935. DOI: <https://doi.org/10.1177/0013916518763894>
15. Boström, M., Andersson, E., Berg, M., Gustafsson, K., Gustavsson, E., Hysing, E., Lidskog, R., Lundmark, M., Löfmarck, E., **Ojala, M.**, Olsson, J., Singleton, B., Svenberg, S., Ugglå, Y., & Öhman, J. (2018). Conditions for Transformative Learning

for Sustainable Development: A Theoretical Review and Approach. *Sustainability*, 10(12), 4479 <https://doi.org/10.3390/su10124479>

16. Ojala, M. (2017). Hope and anticipation in educating for a sustainable future. *Futures*, 94, 76-84. <https://doi.org/10.1016/j.futures.2016.10.004>
17. Ojala, M. & Lidskog, R. (2017). Mosquitoes as a threat to humans and the community: The role of place identity, social norms, environmental concern and ecocentric values in public risk perception. *Local Environment*, 22(2), 172-184. <https://doi.org/10.1080/13549839.2016.1185097>
18. Ojala, M., & Lakew, Y. (2017). Young people and climate change communication. *Oxford Encyclopedia of climate change communication*. On line at: DOI: 10.1093/acrefore/9780190228620.013.408
19. Ojala, M. (2016). Facing anxiety in climate change education: From therapeutic practice to hopeful transgressive learning. *Canadian Journal of Environmental Education*, 21, 41-56.
20. Ojala, M. (2015). Climate change skepticism among adolescents, *Journal of Youth Studies*, 18(9), 1135-1153. DOI: [10.1080/13676261.2015.1020927](https://doi.org/10.1080/13676261.2015.1020927)
21. Ojala, M. (2015). Hope in the face of climate change: Associations with environmental engagement and student perceptions of teachers' emotion communication style and future orientation. *Journal of Environmental Education*, 46(3), 133-148. <https://doi.org/10.1080/00958964.2015.1021662>
22. Ojala, M. (2013). Emotional awareness: On the importance of including emotional aspects in education for sustainable development (ESD). *Journal of Education for Sustainable Development*, 7(2), 162-182. <https://doi.org/10.1177/0973408214526488>
23. Ojala, M. (2013). Coping with climate change among adolescents: Implications for subjective well-being and environmental engagement. *Sustainability. Special issue on Psychological and Behavioral Aspects of Sustainability*, 5(5): 2191-2209. <https://doi.org/10.3390/su5052191>
24. Ojala, M. (2012). Regulating worry, promoting hope: How do children, adolescents, and young adults cope with climate change? *International Journal of Environmental and Science Education*, 7(4), 537-561.
25. Ojala, M. (2012). How do children cope with global climate change? Coping strategies, engagement, and well-being. *Journal of Environmental Psychology*, 32, 225-233. <https://doi.org/10.1016/j.jenvp.2012.02.004>
26. Ojala, M. (2012). Hope and climate change: The importance of hope for pro-environmental engagement among young people. *Environmental Education Research*, 18(5), 625-642. <https://doi.org/10.1080/13504622.2011.637157>

27. Ojala, M., & Lidskog, R. (2011). What lies beneath the surface? A case study of citizens' moral reasoning with regard to biodiversity. *Environmental Values*, 20, 2, 217-237. DOI: 10.3197/096327111x12997574391760
28. Ojala, M. (2008). Recycling and ambivalence: Quantitative and qualitative analyses of household recycling among young adults. *Environment and Behavior*, 40(6), 777-797. <https://doi.org/10.1177/0013916507308787>
29. Ojala, M. (2007). Confronting macrosocial worries. Worry about environmental problems and proactive coping among a group of young volunteers. *Futures*, 39, 6, 729-745. <https://doi.org/10.1016/j.futures.2006.11.007>
30. Ojala, M. (2005). Adolescents' worries about environmental risks: subjective well-being, values, and existential dimensions. *Journal of Youth Studies*, 8, 3, 331-348. <https://doi.org/10.1080/13676260500261934>

Articles in international peer-reviewed conference proceedings

31. Ojala, M. (2016). Critical emotional awareness as a key competence in education for a sustainable future. In Mulder, M., Wesselink, R., Biemans, H. & Lans, T. (Eds.), *Proceedings from Competence 2016 International conference on competence theory, research and practice*. Wageningen UR (pp. 552-557)
32. Ojala, M. (2010). A climate of hope? Exploring how young people cope psychologically with global climate change. In R. Zukauskienė (Ed.), *Proceedings of the 12th Biennial Conference of the European Association for Research on Adolescence* (pp. 15-20). Medimond International Proceedings. ▶

Articles in Swedish scientific journals

33. Ojala, M. (2008). Den hoppfulla oron? Unga människors engagemang inför den globala miljöproblematiken. *Locus – tidskrift för forskning om barn och ungdomar*, 1, 19-30.

Chapters in books with editor

34. Boström, M., Ojala, M., & Öhman, J. (2023) Transformative Learning. *Encyclopedia of Environmental Sociology*. Edward Elgar. (accepted).
35. Ojala, M., & Chen, X. (2023). Coping with climate change among young people: Meaning-focused coping and constructive hope. In Haase, E., & Hudson, K. (Eds.), *Youth Mental Health and Climate Change: Multidisciplinary Perspectives*. Cambridge University Press (accepted).
36. Ojala, M. (2022). Hope through learning to live with ambivalence: Emerging adults' agency work in the face of sustainability conflicts. In M. Häggström & C. Schmidt (Eds.), *Relational and Critical Perspectives on Education for Sustainable Development. Belonging and Sensing in a Vanishing world* (pp. 129-142). Springer. DOI: 10.1007/978-3-030-84510-0.

37. Ojala, M., & Lakew, Y. (2018). Young people and climate change communication. In M. C. Nisbet, S. S. Ho, E. Markowitz, S. O'Neill, M. S. Schäfer, & J. Thaker (Eds.), *The Oxford Encyclopedia of Climate Change Communication* (pp. 609-628). New York, Oxford University Press Vol III.
38. Ojala, M. (2018). Climate and environment. In M. Bornstein (Ed.), *The SAGE encyclopedia of lifespan human development* (pp. 367-368). Thousand Oaks, CA: SAGE Publications Ltd. doi: 10.4135/9781506307633.n138
39. Ojala, M. (2016). Young people and global climate change: Emotions, coping, and engagement in everyday life. T. Skelton, N. Ansell, & N. Klocker (Eds.), *Geographies of children and young people handbook*. Volume 8 Geographies of global issues, change and threat (pp.329-346). Springer.
40. Ojala, M. (2016). Preparing children for the emotional challenges of climate change. In K. Winograd (Ed.), *Education in Times of Environmental Crises: Teaching Children to be Agents of Change* (pp. 210-218). New York: Routledge.
41. Ojala, M. (2008). Hoppfull oro – en medelväg mot klimatvänlig matkonsumtion. In B. Johansson, (Ed.) *KliMATfrågan på bordet* (pp.187-198). Formas: Stockholm.
42. Ojala, M. (2004). Emotioner som deliberativa verktyg. Lokala miljökonflikter och känslornas positiva potential. In B. Starrin, (Ed.) *Emotionssociologiska uppsatser*, (pp. 73-91). Arbetsrapport 2004:1. Karlstads Universitet.

Review article

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Commentary article

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Gustafsson, K., Hysing, E., & **Ojala, M.** (2021). The Social Sciences and Social Transformation for a Sustainable Future. 15th Conference of the European Sociological Association 2021, ESA 2021, September 2021, Barcelona, Spain

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