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Centre for Environmental and Climate Science (CEC)
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Research

I am research coordinator at CEC with focus on research initiation and development. I work with strategic research initiation, mainly interdisciplinary research and research in collaboration with stakeholders, aiming to develop community-relevant environmental and climate research. I am also a contact point for researchers at CEC and in the CEC Fellows network. I keep track of relevant upcoming funding opportunities and trends and development of the national and international research funding landscape, and give support to researchers writing applications to external funders regarding aspects of societal relevance, dialogue with stakeholders, and communication.

CEC Fellows

My background is as a researcher in Applied Environmental Science and Plant Ecophysiology, and I have also worked as a senior analyst at the Department of Research Policy at the Swedish Research Council (Vetenskapsrådet).

Qualifications

Environmental Science with an Emphasis on Applied Environmental Science, PhD, Effects of future climate on carbon assimilation of boreal Norway spruce, University of Gothenburg

2002 Dec 1 → 2008 Oct 31

Award Date: 2008 Oct 31

Employment

Research coordinator

Centre for Environmental and Climate Science (CEC)

Lund University

Lund, Sweden

2018 Aug 1 → present

Senior Analyst

Swedish Research Council

Stockholm, Sweden

2016 Feb 1 → 2018 Jul 31

Project Coordinator

Lund University: Center for Environmental and Climate Science (CEC)

Lund, Sweden

2014 Jan 1 → 2016 Aug 31

Researcher

Lund University: Center for Environmental and Climate Science (CEC)

Lund, Sweden

2013 Mar 1 → 2013 Dec 31

Research Communicator

Lund University: Center for Environmental and Climate Science (CEC)

Lund, Sweden

2012 Oct 10 → 2013 Feb 28

Research Secretary

Lund University: Center for Environmental and Climate Science (CEC)
Lund, Sweden
2012 Feb 1 → 2012 Oct 9

PostDoc/Guest Research Scholar

International Institute for Applied Systems Analysis
Laxenburg, Austria
2009 Sept 1 → 2013 Aug 31

PostDoc

Swansea University
Swansea, United Kingdom
2008 Nov 1 → 2011 Jan 31

Research outputs

FABLE Scenathon 2023 Pathways for food and land-use systems in Sweden

Hall, M. & Fetzer, I., 2024, Paris: Sustainable Development Solutions Network (SDSN). 6 p.

Optimal stomatal theory predicts CO₂ responses of stomatal conductance in both gymnosperm and angiosperm trees
Gardner, A., Jiang, M., Ellsworth, D. S., MacKenzie, A. R., Pritchard, J., Bader, M. K. F., Barton, C. V. M., Bernacchi, C., Calfapietra, C., Crous, K. Y., Dusenge, M. E., Gimeno, T. E., Hall, M., Lamba, S., Leuzinger, S., Uddling, J., Warren, J., Wallin, G. & Medlyn, B. E., 2023, In: *New Phytologist*. 237, 4, p. 1229-1241

Kollagring och markanvändning

Hall, M. & Hedlund, K., 2022, *Markanvändning för en klimatpositiv framtid: En rapport om utmaningar och möjligheter i Skåne*. Hall, M., Hedlund, K. & Ingimarsdóttir, M. (eds.). Lund: Centrum för miljö- och klimatvetenskap (CEC), Lunds universitet, Vol. 7. p. 6-12 (CEC Rapport).

Markanvändning för en klimatpositiv framtid: En rapport om möjligheter och utmaningar i Skåne

Hall, M. (Editor), Hedlund, K. (Editor) & Ingimarsdóttir, M. (Editor), 2022, Lund: Centrum för miljö- och klimatvetenskap (CEC), Lunds universitet. 70 p. (CEC Rapport)

Utmaningar och möjligheter

Hedlund, K., Hall, M., Olsson, P., Sahlin, U., Ingimarsdottir, M., Kasimir, Å., Zanchi, G., Wallander, H., Valeur, I. & Ann-Mari, F., 2022, *Markanvändning för en klimatpositiv framtid: En rapport om utmaningar och möjligheter i Skåne*. Lund: Centrum för miljö- och klimatvetenskap (CEC), Lunds universitet, Vol. 7. p. 48-60 (CEC Rapport).

Physiological acclimation dampens initial effects of elevated temperature and atmospheric CO₂ concentration in mature boreal Norway spruce

Lamba, S., Hall, M., Räntfors, M., Chaudhary, N., Linder, S., Way, D., Uddling, J. & Wallin, G., 2018 Feb, In: *Plant, Cell and Environment*. 41, 2, p. 300-313

Biologisk mångfald

Ödman, A., Olsson, P. A. & Hall, M., 2015, *Klimatsäkrat Skåne*. Hall, M., Lund, E. & Rummukainen, M. (eds.). Centrum för miljö- och klimatforskning, Lunds universitet, Vol. 2. p. 81-90

Framtidsscenarier

Hall, M., Knaggård, Å., Rummukainen, M., Pihl, H. & Wadin, J., 2015, *Klimatsäkrat Skåne*. Hall, M., Lund, E. & Rummukainen, M. (eds.). Centrum för miljö- och klimatforskning, Lunds universitet, Vol. 2. p. 221-228

Hållbar förvaltning av naturkapital

Smith, H., Hall, M. & Dänhardt, J., 2015, *Klimatsäkrat Skåne*. Hall, M., Lund, E. & Rummukainen, M. (eds.). Centrum för miljö- och klimatforskning, Lunds universitet, Vol. 2. p. 73-79

Jordbruk

Ödman, A., Smith, H., Hall, M., Kasimir, Å., Andersson, G., D'Hertefeldt, T. & Ericsson, K., 2015, *Klimatsäkrat Skåne*. Hall, M., Lund, E. & Rummukainen, M. (eds.). Centrum för miljö- och klimatforskning, Lunds universitet, Vol. 2. p. 91-108

Klimatsäkrat Skåne

Hall, M. (Editor), Lund, E. (Editor) & Rummukainen, M. (Editor), 2015, Centrum för miljö- och klimatforskning, Lunds universitet. 242 p. (CEC Rapport)

Production, biodiversity and climate change mitigation : challenges and opportunities for modern forestry

Hall, M. & Smith, H., 2015, *Forests and mankind : the relationship must be made sustainable*. Jönson, G. & Johannesson, T. (eds.). Pufendorfinstitutet, Lunds universitet, p. 9-17

Skåne idag och i framtiden

Knaggård, Å., Ericsson, K., Hall, M., Lund, E., Rummukainen, M. & Sjöstedt, V., 2015, *Klimatsäkrat Skåne*. Hall, M., Lund, E. & Rummukainen, M. (eds.). Centrum för miljö- och klimatforskning, Lunds universitet, Vol. 2. p. 229-240

Världen förändras

Hall, M. & Rummukainen, M., 2015, *Klimatsäkrat Skåne*. Hall, M., Lund, E. & Rummukainen, M. (eds.). Centrum för miljö- och klimatforskning, Lunds universitet, Vol. 2. p. 13-20

Water use by Swedish boreal forests in a changing climate

Hasper, T. B., Wallin, G., Lamba, S., Hall, M., Jaramillo, F., Laudon, H., Linder, S., Medhurst, J. L., Räntfors, M., Sigurdsson, B. D. & Uddling, J., 2015, In: *Functional Ecology*.

Sustaining ecosystem services : overcoming the dilemma posed by local actions and planetary boundaries

Jonas, M., Ometto, J. P., Batistella, M., Franklin, O., Hall, M., Lapola, D. M., Moran, E. F., Tramberend, S., Lanza Queiroz, B., Schaffartzik, A., Shvidenko, A., Nilsson, S. B. & Nobre, C. A., 2014, In: *Earth's Future*. 2, 8, p. 407-420

15 nedslag i klimatforskningen : dåtid, nutid, framtid

Hall, M. (Editor) & Björck, I. (Editor), 2013, Centrum för miljö- och klimatforskning, Lunds universitet. 226 p.

Klimatet tar inte paus

Hall, M. & Rummukainen, M., 2013, Klimatinitiativet, Lunds universitet. 4 p. (Klimat i Fokus; vol. 2)

Klimatkänslighet och utsläppsbilar

Hall, M. & Rummukainen, M., 2013, Klimatinitiativet, Lunds universitet. 4 p. (Klimat i Fokus; vol. 1)

Kossor, kaffe och soja

Hall, M., 2013, *15 nedslag i klimatforskningen : dåtid, nutid, framtid*. Hall, M. & Björck, I. (eds.). Centrum för miljö- och klimatforskning, Lunds universitet, p. 85-98

Spring photosynthetic recovery of boreal Norway spruce under conditions of elevated [CO₂] and air temperature

Wallin, G., Hall, M., Slaney, M., Räntfors, M., Medhurst, J. & Linder, S., 2013, In: *Tree Physiology*. 33, 11, p. 1177-1191

Which are the most important parameters for modelling carbon assimilation in boreal Norway spruce under elevated [CO₂] and temperature conditions?

Hall, M., Medlyn, B. E., Abramowitz, G., Franklin, O., Räntfors, M., Linder, S. & Wallin, G., 2013, In: *Tree Physiology*. 33, 11, p. 1156-1176

Sustainable agriculture : an issue for society and business

Hall, M., Andersson, G., Smith, H. & Rummukainen, M., 2012, *RioPlus Business Magazine*. King, E. (ed.). United Nations, p. 142-143 2 p.

Carbon dioxide exchange of buds and developing shoots of boreal Norway spruce exposed to elevated or ambient CO₂ concentration and temperature in whole-tree chambers

Hall, M., Räntfors, M., Slaney, M., Linder, S. & Wallin, G., 2009, In: *Tree Physiology*. 29, 4, p. 467-481

Effects of future climate on carbon assimilation of boreal Norway spruce

Hall, M., 2008, University of Gothenburg. 56 p.

No diurnal variation in rate or carbon isotope composition of soil respiration in a boreal forest

Betson, N., Göttlicher, S., Hall, M., Wallin, G., Richter, A. & Höglberg, P., 2007, In: *Tree Physiology*. 27, 5, p. 749-756

Measuring and modelling stomatal conductance and photosynthesis in mature birch in Sweden

Uddling, J., Hall, M., Wallin, G. & Karlsson, P. E., 2005, In: *Agricultural and Forest Meteorology*. 132, 1-2, p. 115-131

Activities

CEC Research Seminar - Political economy of chemicals regulation

Hall, M. (Role not specified), Clough, Y. (Host), Alexandridis, N. (Organiser) & Coria, J. (Invited speaker)
2023 Apr 12

Kick-off - Nature-based future solutions

Wittbom, C. (Organiser), Smith, H. (Presenter), Boyd, E. (Presenter), Miller, P. (Presenter), Arvidsson, S. (Presenter), Zelli, F. (Presenter), Johansson, M. (Presenter), Aits, S. (Presenter), Sporre, M. (Participant), Börjesson, P. (Participant), McCormick, K. (Participant), Knaggård, Å. (Participant), Jönsson, A. M. (Participant), Hedlund, K. (Participant), Kljun, N. (Participant), Wamsler, C. (Participant), Hall, M. (Organiser), Hickmann, T. (Participant), Roldin, P. (Participant), Droste, N. (Participant), Åström, K. (Participant), Koch, M. (Participant), Dähnhardt, J. (Organiser), Friberg, J. (Participant), Ahlström, A. (Participant), Islar, M. (Participant), Eklundh, L. (Participant), Pugh, T. (Participant), Olsson, P. A. (Participant), Warell, A. (Participant), Rahm, J. (Participant), Clough, Y. (Participant) & Mansourian, A. (Participant)
2023 Feb 27

CEC & LU Land inspirationsevent "Optimizing stakeholder interaction in your applications and projects"

Dähnhardt, J. (Organiser), Hall, M. (Organiser), Johansson, M. (Invited speaker), Alkan Olsson, J. (Invited speaker), Svensson, M. (Invited speaker) & Bruun, M. (Invited speaker)
2023 Jan 24

CEC Research seminar - Transitions to sustainability in the country of biodiversity: Colombia.

Hall, M. (Role not specified), Clough, Y. (Organiser), Alexandridis, N. (Organiser), López, J. (Host) & Baptiste, B. (Invited speaker)
2022 Nov 30

CEC Research Seminar - Climate as a driver of past and future biodiversity changes

Hall, M. (Role not specified), Clough, Y. (Host), Alexandridis, N. (Organiser) & Fourcade, Y. (Invited speaker)
2022 Oct 26

CEC research seminars - Climate-Smart agricultural production systems in Africa: current status, opportunities & needs

Hall, M. (Role not specified), Clough, Y. (Organiser), Alexandridis, N. (Organiser), Kljun, N. (Host) & Merbolt, L. (Invited speaker)
2022 Jun 15

CEC Research Seminars: Stable and high Yields in the Future? Deciphering the Biodiversity–Production Mutualism in the Global Food Security Debate

Hall, M. (Role not specified), Clough, Y. (Host), Alexandridis, N. (Organiser) & Seppelt, R. (Invited speaker)
2022 Mar 2

CEC Research Seminar - rethinking publication and peer review.

Hall, M. (Organiser), Clough, Y. (Organiser), Alexandridis, N. (Organiser), Sahlin, U. (Host) & Perepolkin, D. (Invited speaker)
2021 Dec 1

CEC Research Seminar - An interdisciplinary view on air pollution and its impact on health and welfare in the Nordic countries

Hall, M. (Organiser), Clough, Y. (Organiser), Alexandridis, N. (Organiser), Swietlicki, E. (Host) & Geels, C. (Invited speaker)
2021 Nov 10

Permanent grasslands: Effects of land use and environment on biodiversity and ecosystem services

Hall, M. (Organiser), Clough, Y. (Organiser), Alexandridis, N. (Organiser), Buchmann, N. (Invited speaker) & Kljun, N. (Host)
2021 Oct 6

Information meeting regarding the LU Excellence call Interdisciplinary projects focusing on Agenda 2030 and sustainable development

Hall, M. (Organiser), Clough, Y. (Contributor), Ekberg, A. (Contributor) & Hall, M. (Contributor)
2021 Mar 25

CEC Fellows concept seminar on Power

Wittbom, C. (Organiser), Hall, M. (Organiser), Clough, Y. (Organiser), Boyd, E. (Invited speaker), Mukhtar-Landgren, D. (Invited speaker), Hornborg, A. (Invited speaker), Svenbro, M. (Invited speaker) & Andersson, U. (Invited speaker)
2020 Sept 24

Forest governance to meet global challenges

Akselsson, C. (Chair), Hall, M. (Session chair), Sollander, E. (Invited speaker), Appelstrand, M. (Invited speaker), Keskitalo, C. (Invited speaker), Johansson, O. (Invited speaker) & Smith, H. (Invited speaker)
2020 Feb 24

IPCCs rapport om 1.5 grader - vad innebär den för södra Sverige?

Hall, M. (Invited speaker)
2018 Nov 30

Hot topics in research funding policy

Hall, M. (Speaker)
2018 Sept 7

Defining, Measuring, and Incentivizing Sustainable Land Use to Meet Human Needs

Nicholas, K. (Speaker), Brady, M. V. (Contributor), Olin, S. (Contributor), Ekroos, J. (Contributor), Hall, M. (Contributor), Seaquist, J. (Contributor), Lehsten, V. (Contributor) & Smith, H. G. (Contributor)
2016 Dec 13

Projects

CEC Fellows

Hall, M. (Project coordinator), Clough, Y. (Researcher), Nilsson, C. (Project coordinator) & Swietlicki, E. (Researcher)
2013/03/04 → ...

Governing Land-Use in a changing climate - ASG, Pufendorf IAS

Hall, M. (Project coordinator), Smith, H. (Researcher), Brady, M. V. (Researcher), Ekroos, J. (Researcher), Hermele, K. (Researcher), Bergman Rosamond, A. (Researcher), Lehsten, V. (Researcher), Nicholas, K. (Researcher) & Seaquist, J. (Researcher)
2015/08/15 → 2016/08/15

Narrating climate future - ASG, Pufendorf IAS

Stripple, J. (PI), Ericsson, K. (Researcher), Hall, M. (Researcher), Hildingsson, R. (Researcher), Nicholas, K. (Researcher), Rummukainen, M. (Researcher), Skovbjerg Jensen, C. (Researcher), Tenngart, P. (Researcher) & Åhman, M. (Researcher)
2016/09/01 → 2017/05/31

Sustainable forestry: ASG on Forest and Man - ASG, Pufendorf IAS

Jönson, G. (Project coordinator), Johannesson, T. (Project coordinator), van den Bosch, M. A. (Researcher), Bergh, J. (Researcher), Appelstrand, M. (Researcher), Börjesson, P. (Researcher), Gorwa-Grauslund, M.-F. (Researcher), Hall, M. (Researcher), Järrehult, B. (Researcher), Karlsson, R. (Researcher), Lidén, G. (Researcher), Lindbladh, M. (Researcher), Löf, M. (Researcher), Qvarnström, S. (Researcher), Sanati, M. (Researcher), Sallnäs, O. (Researcher), Sjöholm, C. (Researcher), Smith, H. (Researcher) & Sternér, O. (Researcher)
2013/08/13 → 2014/08/13