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Centre for Environmental and Climate Science (CEC)
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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

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. (ed.), Hedlund, K. (ed.) & Ingimarsdóttir, M. (ed.), 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., Ingimarsdóttir, 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., Röntfors, 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

Framtidsscenarioer

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. (ed.), Lund, E. (ed.) & Rummukainen, M. (ed.), 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., Råntfors, 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. (ed.) & Björck, I. (ed.), 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 utsläppsbanor

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., Råntfors, 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., Råntfors, 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., Råntfors, 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. & Högberg, 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

Marianne Hall (Role not specified), Yann Clough (Host), Nikos Alexandridis (Organiser) & Jessica Coria (Invited speaker)
2023 Apr 12

Kick-off - Nature-based future solutions

Cerina Wittbom (Organiser), Henrik Smith (Presenter), Emily Boyd (Presenter), Paul Miller (Presenter), Susanne Arvidsson (Presenter), Fariborz Zelli (Presenter), Maria Johansson (Presenter), Sonja Aits (Presenter), Moa Sporre (Participant), Pål Börjesson (Participant), Kes McCormick (Participant), Åsa Knaggård (Participant), Anna Maria Jönsson (Participant), Katarina Hedlund (Participant), Natascha Kljun (Participant), Christine Wamsler (Participant), Marianne Hall (Organiser), Thomas Hickmann (Participant), Pontus Roldin (Participant), Nils Droste (Participant), Kalle Åström (Participant), Max Koch (Participant), Juliana Dänhardt (Organiser), Johan Friberg (Participant), Anders Ahlström (Participant), Mine Islar (Participant), Lars Eklundh (Participant), Thomas Pugh (Participant), Pål Axel Olsson (Participant), Anders Warell (Participant), Johan Rahm (Participant), Yann Clough (Participant) & Ali Mansourian (Participant)
2023 Feb 27

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

Juliana Dänhardt (Organiser), Marianne Hall (Organiser), Maria Johansson (Invited speaker), Johanna Alkan Olsson (Invited speaker), Mats Svensson (Invited speaker) & Måns Bruun (Invited speaker)
2023 Jan 24

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

Marianne Hall (Role not specified), Yann Clough (Organiser), Nikos Alexandridis (Organiser), Jesica López (Host) & Brigitte Baptiste (Invited speaker)
2022 Nov 30

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

Marianne Hall (Role not specified), Yann Clough (Host), Nikos Alexandridis (Organiser) & Yoan Fourcade (Invited speaker)
2022 Oct 26

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

Marianne Hall (Role not specified), Yann Clough (Organiser), Nikos Alexandridis (Organiser), Natascha Kljun (Host) & Lutz Merbolt (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

Marianne Hall (Role not specified), Yann Clough (Host), Nikos Alexandridis (Organiser) & Ralf Seppelt (Invited speaker)
2022 Mar 2

CEC Research Seminar - rethinking publication and peer review.

Marianne Hall (Organiser), Yann Clough (Organiser), Nikos Alexandridis (Organiser), Ullrika Sahlin (Host) & Dmytro Perepolkin (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

Marianne Hall (Organiser), Yann Clough (Organiser), Nikos Alexandridis (Organiser), Erik Swietlicki (Host) & Camilla Geels (Invited speaker)
2021 Nov 10

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

Marianne Hall (Organiser), Yann Clough (Organiser), Nikos Alexandridis (Organiser), Nina Buchmann (Invited speaker) & Natascha Kljun (Host)

2021 Oct 6

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

Marianne Hall (Organiser), Yann Clough (Contributor), Anna Ekberg (Contributor) & Marianne Hall (Contributor)

2021 Mar 25

CEC Fellows concept seminar on Power

Cerina Wittbom (Organiser), Marianne Hall (Organiser), Yann Clough (Organiser), Emily Boyd (Invited speaker), Dalia Mukhtar-Landgren (Invited speaker), Alf Hornborg (Invited speaker), Maja Svenbro (Invited speaker) & Ulrika Andersson (Invited speaker)

2020 Sept 24

Forest governance to meet global challenges

Cecilia Akselsson (Chair), Marianne Hall (Session chair), Erik Sollander (Invited speaker), Marie Appelstrand (Invited speaker), Carina Keskitalo (Invited speaker), Olof Johansson (Invited speaker) & Henrik Smith (Invited speaker)

2020 Feb 24

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

Marianne Hall (Invited speaker)

2018 Nov 30

Hot topics in research funding policy

Marianne Hall (Speaker)

2018 Sept 7

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

Kimberly Nicholas (Speaker), Mark V. Brady (Contributor), Stefan Olin (Contributor), Johan Ekroos (Contributor), Marianne Hall (Contributor), Jonathan Seaquist (Contributor), Veiko Lehsten (Contributor) & Henrik G. Smith (Contributor)

2016 Dec 13

Projects

CEC Fellows

Hall, M., Clough, Y., Nilsson, C. & Swietlicki, E.

2013/03/04 → ...

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

Hall, M., Smith, H., Brady, M. V., Ekroos, J., Hermele, K., Bergman Rosamond, A., Lehsten, V., Nicholas, K. & Seaquist, J.

2015/08/15 → 2016/08/15

Narrating climate future - ASG, Pufendorf IAS

Stripple, J., Ericsson, K., Hall, M., Hildingsson, R., Nicholas, K., Rummukainen, M., Skovbjerg Jensen, C., Tenngart, P. & Åhman, M.

2016/09/01 → 2017/05/31

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

Jönson, G., Johannesson, T., van den Bosch, M. A., Bergh, J., Appelstrand, M., Börjesson, P., Gorwa-Grauslund, M., Hall, M., Järrehult, B., Karlsson, R., Lidén, G., Lindbladh, M., Löf, M., Qvarnström, S., Sanati, M., Sallnäs, O., Sjöholm, C., Smith, H. & Sterner, O.

2013/08/13 → 2014/08/13