CURRICULUM VITAE

Kevin James Noone

Contact information:

Private	*Work*
Hasselvägen 9 SE 195 33 Märsta, Sweden email: zippy@bahnhof.se 	Department of Environmental Science and Analytical Chemistry (ACES) Stockholm University Svante Arrhenius väg 8 SE 106 91 Stockholm, Sweden Tel: +46 8 674 7543 Fax: +46 8 674 7325 email: kevin.noone@aces.su.se

Nationalities: US, Swedish
Date of birth: 24 December 1958
Languages: English (native speaker), Swedish (fluent), German (fluent in 1980, now rusty)

EDUCATIONAL BACKGROUND:

Institution	Degree	Date
University of Washington	BS, Chem. Eng.	1982
University of Washington	MSE, Civil Eng.	1985
University of Washington	PhD, Civil Eng.	1987

ACADEMIC HONORS:

1976	National Merit Scholar Award
1984	Valle Scandinavian Exchange Scholarship
2006	Haagen-Smit Prize, Outstanding paper in *Atmospheric Environment*
2012	Katerva Award nominee; economics category

EMPLOYMENT RECORD (SINCE PHD):

Institution	Position	Date
International Meteorological Inst. Stockholm, Sweden	Post-doc Scientist	1987- 1988
Stockholm University Stockholm, Sweden	Assistant Professor	1988- 1991
Stockholm University Stockholm, Sweden	Associate Professor (docent)	1991- 1992
U. Rhode Island Narragansett, RI USA	Associate Marine Scientist	1992- 1994
U. Rhode Island Narragansett, RI USA	Adjunct Professor of Oceanography	1993- 1996
Stockholm University Stockholm, Sweden	Associate Professor (Universitetslektor)	1994- 2000
Stockholm University Stockholm, Sweden	Full Professor Head of Atmospheric Physics Division	2000- 2001- 2004
International Geosphere- Biosphere Programme	Executive Director	2004- 2008
Stockholm University Stockholm, Sweden	Full Professor Dept of Applied Env. Science, Head of Atmospheric Science Division (2009-2013); Stockholm Resilience Centre (SRC)	2008 – 2008- 2009
Swedish Secretariat for Environmental Earth System Sciences (SSEESS) Royal Swedish Academy of Sciences	Founding Director	2010 – 2014

Prior to my PhD I worked for more than a decade in the restaurant industry (from 1976-1986 at the Sunlight Café in Seattle, WA USA as one example), and for parts of two years as a technician for the Pacific Northwest Bell Company.

Currently I am full time at Stockholm University. I was Head of Unit for the Atmospheric Science division at the Department of Applied Environmental Science until spring 2013, with personnel and budgetary responsibility for approximately 40 people. I was also Director of the Swedish Secretariat for Environmental Earth System Sciences (SSEESS) at the Royal Swedish Academy of Sciences, a partnership of four Swedish funding agencies, the Swedish aid agency Sida, and the Royal Swedish Academy of Sciences until I stepped down at the end of May 2014.

PROFESSIONAL ORGANIZATIONS AND COMMITTEES

American Geophysical Union "Thriving Earth Exchange" Advisory Board (Vice-Chair 2016 -)	2013 –
Scientific Committee, International Union of Air Pollution Prevention and Environmental Protection Associations 16th IUAPPA World Clean Air Congress	2013
Transdisciplinary Advisory Board, Joint Programming Initiative "Connecting Climate Knowledge for Europe, Vice-Chair (2012-14); Chair (2015 -)	2012 –
International Group of Funding Agencies (IGFA) Swedish representative, Vice-Chair	2010 – 2014
Foundation Board, International Institute for Industrial Environmental Economics, Lund University	2010 – 2016
Norwegian Research Council Global Change Committee	2009 - 2013
Norway – Global Partner (NORGLOBAL) Program Board; Vice Chair	2009 -
European Academies Science Advisory Council Environment Steering Panel; Chair	2008 - 2012
Royal Swedish Academy of Sciences Environment Committee	2008 - 2014
EUFAR Advisory Board	2008 – 2012
EPOCA Reference User Group	2008 – 2012
EUCAARI Advisory Board	2006 - 2011
Committee on Nucleation and Atmospheric Aerosols	2004 – 2010
Atmospheric Research Editorial Board	2002 -

EUROTRAC-2 Scientific Steering Committee	2000-2003
International Commission on Clouds and Precipitation (ICCP)	2000-2008
AMBIO Editorial Board	1994 – 2011
EUROTRAC II SUBPROJECT CAPMAN Scientific Steering Committee	1998 – 2002
Department Board, Institute for Applied Environmental Research, Stockholm Univ.	1999 - 2004; 2009 - 2013
Department Board, Department of Meteorology Stockholm University	2000-2004
Monterey Area Ship Tracks (MAST) Project Scientific Steering Committee Co-coordinator	1992-1997
Swedish EPA Air Quality Committee	1994-1996
Swedish EPA Land, Groundwater & Air Committee	1996-97
EUROTRAC Subproject Ground-based Cloud Experiments (GCE) Scientific Steering Committee	1991
American Geophysical Union	
European Geophysical Union	
Swedish Meteorologists Against Nuclear Weapons	1988-1994 (Chairman, 1991)

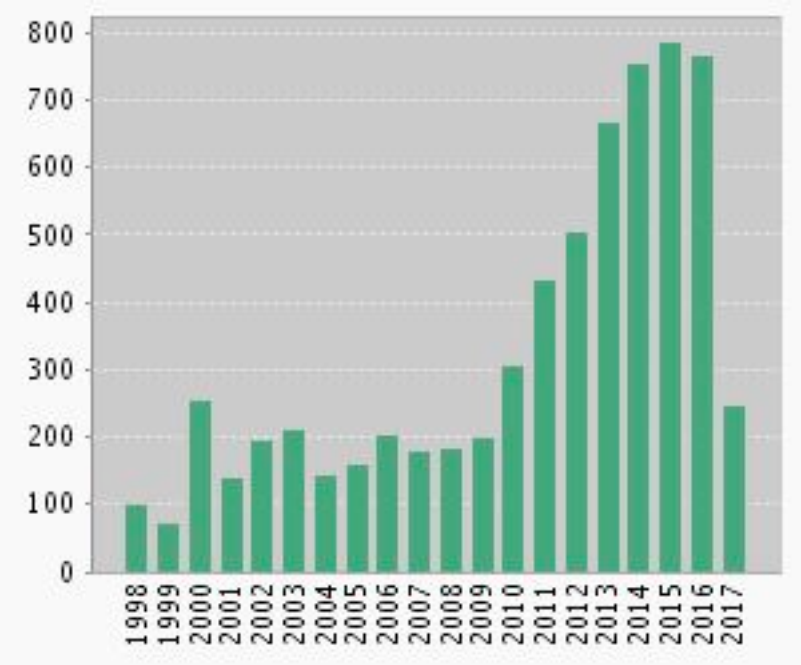
PUBLICATIONS:

137 total, 90 peer-reviewed journal publications; two books; 12 book chapters (8 peer reviewed). Co-author of two highly-cited papers (Web of Science) in the "multidisciplinary" category.

Citation summary for peer-reviewed journal articles (>7000 total citations, >6700 without self-citations)

Times cited	**# of articles**
> 1000 (2116)	1
500 – 1000	1
400 – 499	1
300 - 399	0
200 - 299	1
100 - 199	3
80 – 99	5
60 – 79	9
40 – 59	11
20 – 39	27
0 – 19	31

Web of Science h-index (as of January 2017): 35



Citations per year

* peer reviewed

1) Clarke, A.D., and Noone, K.J., Optical and Chemical Features of Aerosol Present in the Arctic Snowpack, *Geophysical Monitoring for Climactic Change, No. 12 ,* 1984.

2) Noone, K.J., Elemental Carbon in the Swedish Arctic, MSE Thesis, University of Washington, Seattle, WA., 1985.

*3) Clarke, A.D., and Noone, K.J., Soot in the Arctic Snowpack: A Cause for Perturbations in Radiative Transfer, *Atmospheric Environment, 19,* 2045 - 2053, 1985.

*4) Clarke, A.D., Noone, K.J., Heintzenberg, J., Warren, S.G., and Covert, D.S., Aerosol Light Absorption Measurement Techniques: Analysis and Intercomparisons, *Atmospheric Environment, 21,* 1455 - 1465, 1987.

5) Noone, K.J., Size Selective Cloud Droplet Sampling Using a Counterflow Virtual Impactor: Design, Calibration, and Field Studies, PhD Thesis, University of Washington, Seattle, WA., February, 1987.

6) Ogren, J.A., Heintzenberg, J., Zuber, A., Hansson, H-C., Noone, K.J., Covert, D.S., and Charlson, R.J., Measurements of the Short-term Variability of Aqueous-phase Mass Concentrations in Cloud Droplets, in *Proceedings of the NATO -ARI workshop "Acid Deposition Processes at High Elevation Sites",* 125 - 137, M.H. Unsworth and D. Fowler, Eds., 1988.

7) Ogren, J.A., Heintzenberg, J., and Noone, K.J., Measurements of the Partitioning of Aerosol Mass Between Cloud Droplets and Interstitial Air. *Annalen der Meteorologie, 25,* 34 - 36, 1988.

8) Noone, K.J., Ogren, J.A., and Heintzenberg, J., An Examination of the Chemical and Physical Variability of Clouds at a Mountain-top Site in Central Sweden. *Annalen der Meteorologie, 25,* 282 - 284, 1988.

*9) Noone, K.J., Ogren, J.A., Heintzenberg, J., Charlson, R.J., and Covert, D.S., Design and Calibration of a Counterflow Virtual Impactor for Sampling of Atmospheric Fog and Cloud Droplets, *Aerosol Science and Technology, 8,* 235 - 244, 1988.

*10) Noone, K.J., Charlson, R.J., Covert, D.S., Ogren, J.A., and Heintzenberg, J., Cloud Droplets: Solute Concentration is Size Dependent, *Journal of Geophysical Research, 93,* 9477 - 9482, 1988.

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*12) Ogren, J.A., Heintzenberg, J., Zuber, A., Noone, K.J., and Charlson, R.J., Measurements of the Size-dependence of Non-volatile, Aqueous Mass Concentrations in Cloud Droplets,*Tellus*, *41B,* 24 - 31, 1989.

*13) Heintzenberg, J., Gärdneus, L., Noone, K.J., and Ogren, J.A., The Size Distribution of Submicrometer Particles Within and About Stratocumulus Cloud Droplets on Mt. Åreskutan, Sweden. *Atmospheric Research, 24,* 89 - 101, 1989.

14) Noone, K.J., and Johansson, K.B., Measurements of University of Stockholm, in *ARKTIS 1988 Field Phase Report,* Hamburger Geophysikalische Einzelschriften, 173-178, B. Brummer, Ed., 1989.

*15) Noone, K.J., Ogren, J.A., and Heintzenberg, J., An Examination of Clouds at a Mountain-top Site in Central Sweden: The Distribution of Solute Within Cloud Droplets, *Atmospheric Research, 25,* 3-15, 1990.

*16) Noone, K. J., and Hansson, H.-C., Calibration of the TSI 3760 Condensation Nucleus Counter for Non-standard Operating Conditions. *Aerosol Science and Technology, 13,* 478-485, 1990.

17) Noone, K.J., Ogren, J.A., Johansson, K.B., Hallberg, A., Fuzzi, S. and Lind, J.A., Hydrogen Peroxide Partitioning in Ambient Clouds. *Proceedings of EUROTRAC Symposium '90*, 277-278. P. Borell et al. Eds., 1990.

18) Hallberg, A., Ogren, J. A., and Noone, K. J., Aerosol Partitioning In and Out of Fog. *Proceedings of EUROTRAC Symposium '90*, 263-264. P. Borell et al. Eds., 1990.

19) Ogren, J. A., Noone, K.J., and Hallberg, A., Processing of Aerosol Particles by Clouds. *EUROTRAC Annual Report Part 2: ACE/GCE 1989,* 31-36. EUROTRAC International Scientific Secretariat, Garmisch-Partenkirchen, 1990.

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*21) Ross, H.B. and Noone, K.J., A Numerical Investigation of the Destruction of Peroxy Radical by Cu Ion Catalyzed Reactions on Atmospheric Particles. *Journal of Atmospheric Chemistry, 12,* 121-136, 1991.

22) Ogren, J.A., Noone, K.J., Hallberg, A., Heintzenberg, J., and Okada, K., Interactions Between Aerosol Particles and Clouds. *EUROTRAC Annual Report Part 2: Cloud Experiments*, 37-44. EUROTRAC International Scientific Secretariat, Garmisch-Partenkirchen, 1991.

23) Noone, K.B., Heintzenberg, J., Noone, K.J., Ogren, J.A., and Ström, J., CVI Measurements During ICE-89. *Report of the Fourth Workshop at the Meteorological Office College, Reading, U.K., 1-3 July 1991,* 10-12. R.W. Saunders and P.R.A. Brown, Eds., 1991.

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33) Noone, K.J., Hallberg, A., Heintzenberg, J. Svenningsson, B. Hansson, H. C., Wiedensohler, A., and Ogren, J.A., Size-Dependent Scavenging Efficiencies of Aerosol Particles in Clouds. *Proceedings of the 11th International Conference in Clouds and Precipitation*, August 17-21, 1992, Montreal, Canada.

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43) Hallberg, A., Ogren, J. A., & Noone, K. J., Aerosol Particles and Clouds: Partitioning and Interactions (EUROTRAC Annual Report 1992: GCE, HALIPP. EUROTRAC Scientific Secretariat, Garmisch-Partenkirchen, 1993.

44) Noone, K. J., Ogren, J. A., Hallberg, A., Heintzenberg, J., Ström, J., Hansson, H.-C., Svenningsson, I. B., & Wiedensohler, A. (1993). Measurements of Aerosol Hygroscopic Properties and their Influence on Droplet Nucleation in Polluted Fogs. In AAAR Twelfth Annual Meeting, (pp. 346). Oak Brook, IL (USA):

45) Noone, K. J., Ogren, J. A., Hallberg, A., Heintzenberg, J., Svenningsson, B., Hansson, H.-C., Wiedensohler, A., & Okada, K. (1994). The influence of aerosol particle composition on cloud droplet nucleation. In AMS Conference on Atmospheric Chemistry, (pp. 33-34). Nashville, TN, USA: American Meterological Society.

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BC 3) Granier, C., M. Kanakidou, P. Kasibhatla, G. Brasseur, C. Clerbaux, F.J. Dentener, J. Feichter, S. Houweling, B. Khattatov, J.-F. Lamarque, M. Lawrence, S. Madronich, N. Mahowald, K. Noone, G.S. Tyndall, S. Walters, C. Wang, C.M. Benkovitz, L. Gallardo, I.S.A. Isaksen, K. Law, J. Penner, D. Sahagian, and W. Steffen, Modelling, in *Atmospheric Chemistry in a Changing World*, edited by G. Brasseur, R.G. Prinn, and A. Pszenny, pp. 300, Springer, Berlin, 2003.

BC 4) Noone, K. J., 2007: Understanding the coupled human-environmental Earth system: science without borders. The Full Picture, Group on Earth Observations, Ed., Tudor Rose, 233-234.

*BC 5) Leemans, R., Rice, M., Henderson-Sellers, A. and Noone, K. J., 2011. Research Agenda and Policy Input of the Earth System Science Partnership for Coping with Global Environmental Change. In *Coping with Global Environmental Change, Disasters and Security – Threats, Challenges, Vulnerabilities and Risks*. Hexagon Series on Human and Environmental Security and Peace, vol. 5, Springer Verlag, Berlin-Heidelberg-New York. Edited by H. G. Brauch, U. O. Spring, C. Mesjasz, J. Grin, P. Kameri-Mbote, B. Chourou, P- Dunay and J. Birkmann, Ch. 74, 1205-1220.

*BC 6) Noone, K. J., Nobre, C. and Seitzinger, S., 2011. The International Geosphere-Biosphere Programme's (IGBP) Scientific Research Agenda for Coping with Global Environmental Change. In: Coping with Global Environmental Change: Scientific, International and Regional Political Strategies, Policies and Measures (ed. Brauch, H. G.). Springer-Verlag, Heidelberg, Germany, Ch. 77, 1249-1256.

* Noone, K. J. (2011), Albedo, in *Climate Change: Global Risks, Challenges and Decisions*, edited by K. Richardson, et al., pp. 9-10, Cambridge University Press, Cambridge, U.K.

*BC 7) Wang, W.C., Chen, J.P., Isaksen, I.S.A., Noone, K.J., McGuffie, K., (2011) Climate-Chemistry Interaction: Future Tropospheric Ozone and Aerosols, in: Henderson-Sellers, A., McGuffie, K. (Eds.), The Future of the World's Climate. Elsevier, Amsterdam, pp. 367-399.

*BC 8) Noone, K. J. (2012), Human Impacts on the Atmosphere, in *The SAGE Handbook of Environmental Change*, edited by J. Matthews, P. J. Bartlein, K. R. Briffa, A. G. Dawson, A. De Vernal, T. Denham, S. C. Fritz and F. Oldfield, pp. 95-110, SAGE Publications Ltd, London, U.K.

*BC 9) Noone, K.J., Sumaila, U.R., Diaz, R.J., (2013) Valuing the Ocean: An Introduction, in: Noone, K.J., Sumaila, U.R., Diaz, R.J. (Eds.), *Managing Ocean Environments in a Changing Climate: Sustainability and Economic Perspectives*. Elsevier, Burlington, MA 01803, USA, pp. 1-13.

*BC 10) Noone, K.J., Diaz, R.J., (2013) Ocean Warming, in: Noone, K.J., Sumaila, U.R., Diaz, R.J. (Eds.), *Managing Ocean Environments in a Changing Climate: Sustainability and Economic Perspectives*. Elsevier, Burlington, MA 01803, USA, pp. 44-65.

*BC 11) Noone, K.J., (2013) Seal Level Rise, in: Noone, K.J., Sumaila, U.R., Diaz, R.J. (Eds.), *Managing Ocean Environments in a Changing Climate: Sustainability and Economic Perspectives*. Elsevier, Burlington, MA 01803, USA, pp. 96-125.

*BC 12) Noone, K.J., Ackerman, F., (2013) Tipping Points, Uncertainty and Precaution: Preparing for Surprise, in: Noone, K.J., Sumaila, U.R., Diaz, R.J. (Eds.), *Managing Ocean Environments in a Changing Climate: Sustainability and Economic Perspectives*. Elsevier, Burlington, MA 01803, USA, pp. 222-241.

SELECTED PRESENTATIONS, INVITED LECTURES AND SEMINARS (SINCE 2004):
* INDICATES A NON-ACADEMIC AUDIENCE

2017

* Science Changing Business, Business Changing Science. Residence of the Ambassador of Sweden, Athens, Greece, 27 April

* Connecting science with society: JPI Climate and the Thriving Earth Exchange. Kitakuyushu International Forum, Kitakyushu, Japan, 30 March

* ANNA+Cie Female Executive Network training course, Kista, Sweden, "Strategic planning in the Anthropocene", 4 February

2016

*Maten & klimatet
26 October, Upplands Väsby, Sweden
10 November, Sollentuna, Sweden
22 November, Danderyd, Sweden

* Planetary Boundaries: Implikationer för global säkerhet, Försvarshögskolan/MSBs Chefskursen Solbacka, Sigtuna, 15 August

Regional Environmental Center, 27 May, Budapest, Hungary. "Helping the rubber meet the road: A case study of co-creation of knowledge for resilience planning"

* Climatters Conference, 26 May, Budapest, Hungary. "Planetary Boundaries: Implications for Global Security"

* ANNA+Cie Female Executive Network training course, 21 May, Bromma, Sweden. "Strategic planning in the Anthropocene"

2015

* Joint Programming Initiative on Climate Stakeholder Symposium, 17-18 November, Madrid, Spain. "Creating effectful stakeholder engagement"

* ANNA+Cie Female Executive Network training course, 11 November, Sinzig, Germany. "Strategic planning in the Anthropocene"

* Planetary Boundaries: Implikationer för global säkerhet, Försvarshögskolan/MSBs Chefskursen Solbacka, Sigtuna, 17 August

* DNV GL 'A World of Opportunities: Mobilising Agents of Change Workshop, Oslo, Norway, 11-12 June. "Mobilising global opportunities from global risks".

Stockholm Symposium on the Social Cost of Carbon, 26-27 May, "What are the Oceans Worth to You?"

* Svenska kyrkan, 25 mars, Västerås. "Resiliens och de planetära gränserna som existentiell utmaning"

* Norad/Norska forskningsrådet, GLOBMEK konferensen, 23 januari, Oslo, Norge. "Miljö, klimat, energi och utveckling: GLOBMEK nexus"

2014

* ANNA+Cie Female Executive Network training course, 12 November, Sinzig, Germany. "Strategic planning in the Anthropocene"

* Shell Powering Progress Together, Rio de Janeiro, Brazil, 13 August. "The Nexus Era"

* United Nations Foundation, New York, NY, USA, 12 July. "Sustainable Development in the Anthropocene"

* DNV GL The Road Less Traveled: Pathways to Transformation Workshop, Oslo, Norway, 15-16 June. "From Mapping Actions to Strategies for Change".

* Nordic Executive Course on Civil Security and Preparedness, Hurtigruten, Norway, 5-9 April. "Changes in the Environment: Implications for Global Security"; "Climate Risks: A Focus on Northern Europe"

* Nelson Institute Earth Day Conference, 22 April, Madison, WI, USA. "Planetary Boundaries: Scenarios for Sustainability"

* Shell executive training course, 12 September, Stavanger, Norway. "Welcome to the Anthropocene"

2013

* German Council on Foreign Relations/Shell Germany, "Energy, geopolitics, climate protection – What is next?", Shell Energy Dialogue, 20 November, Berlin, Germany. "Planetary Boundaries: Implications for global sustainability"; panel member.

* ANNA+Cie Female Executive Network training course, 14 November, Sinzig, Germany. "1) Planetary Boundaries and the search for how to ensure sustainable human wellbeing; 2) Feeding 9 billion of us humans"

* Det Norske Veritas "Moving Beyond Business as Usual", 7-8 November, Copenhagen, Denmark. Panel member.

* Nokia Corporate Headquarters: Briefing for CEO Risto Siilasmaa, 4 October, Helsinki, Finland. "What's up with the latest IPCC report?"

* Xyntéo Global Leadership and Technology Exchange (GLTE) Policy Shapers Roundtable, 25-26 September, London, U.K. "Management in the Anthropocene"

* GLOBE EU Earth Overshoot Day High-Level Event, European Parliament, Brussels, Belgium, 17 September. "Moving Away from Planetary Boundaries"

* Shell Powering Progress Together Forum, 10 September, Istanbul, Turkey. "Welcome to the Anthropocene"

* Planetary Boundaries: Implikationer för global säkerhet, Försvarshögskolan/MSBs Chefskursen Solbacka, Sigtuna, 19 August

* Planetary Boundaries: Implications for Global Sustainability, World Business Council for Sustainable Development, 3 July, Heidelberg, Germany

* Planetary Boundaries: Implications for Global Sustainability, Shell Sustainable Development Workshop, 12 June, The Hague, The Netherlands

Future Earth: A Donor's Perspective, IHDP Scientific Committee Meeting, 16-18 May 2013, Taipei, Taiwan

Future Earth, United States Global Change Reserach Program, 31 April, Washington DC, USA

* Planetary Boundaries and the search for how to ensure sustainable human wellbeing, Sustaining hope in the face of climate change: Faith communities gather, 1-2 May, Washington DC, USA

* Planetary Boundaries: Going beyond the limits of nature and understanding the limits of economic growth, European Trade Union Institute, Brussels, Belgium, 25 February

2012

* Volatility as the New Normal, Royal Dutch Shell, The Hague, The Netherlands, 17-18 December

* The Energy-Water-Food Nexus, Royal Geographical Society, London, U.K. 12 December.

* Anthropocenen, Ruter Dam, Stockholm, Sweden. 11 November.

* Anthropocenen, Heldag om global historia, Stockholm, Sweden. 11 November.

Planetary Boundaries, Food Security Challenges and Solutions Conference, Shanghai, China. 6 November

A Safe Operating Space for Humanity? Beckmans Design College, Stockholm, Sweden. 9 October.

* Valuing the Ocean, World Water Week, Stockholm, Sweden. 26 August.

* Planetary Boundaries: Implikationer för global säkerhet, Försvarshögskolan/MSBs Chefskursen Solbacka, Sigtuna, 20 August

*Trapped Transitions or Room to Manuever?, The Performance Theatre, London, U.K., 16 June

*A Safe Operating Space for Humanity?, ATV's 75th Anniversary Conference, Copenhagen, Denmark, 1 June

*Planetary Boundaries, Shell Powering Progress Together, Rotterdam, The Netherlands, 16 May

*Secure Food for 9 Billion People?, SSEESS, Royal Swedish Academy of Sciences, Stockholm, 18 April

Linking Global Environmental Change and Development Research, Planet Under Pressure Conference, London, U.K., 29 March

Sustainable Biofuels: An European Perspective, Planet Under Pressure Conference, London, U.K., 27 March

What is the Ocean Worth to You?, Planet Under Pressure Conference, London, U.K., 26 March

* Linking Global Environmental Change and Development Research, Belmont Forum Meeting, Kyoto, Japan, 17-18 January

2011

* Vägen från Köpenhamn till Rio+20, Riksdagens utrikespolitiska klubb, Stockholm, Sweden, 16 November

* Säker och hållbar mat åt 9 miljarder människor, Samhällssäkerhet i samverkan konferens, Kista, Sweden, 16 November

* Säker och hållbar mat åt 9 miljarder människor, Ruter Dam Årsmöte, Stockholm, Sweden, 15 November

Meeting the Challenges for Science and Society in the Anthropocene, European Academies Science Advisory Council 10th Anniversary Workshop, Brussels, Belgium, 10 November

Planetary Boundaries: Earth System Science for Sustainability, U.S. Department of Energy, Washington DC, USA, 21 October

* Planetary Boundaries: scenarier för hållbar utveckling, SP:s forskardag, Borås, Sweden, 20 September

* Från Köpenhamn till Rio+20: Några år av miljöforskning, Sveriges Riksdags Bibliotek, Stockholm, 21 September

* Planetary Boundaries: Water-Energy-Food Connections, Shell Stress Nexus Workshop, Rotterdam, The Netherlands, 6-7 September

* Planetary Boundaries: Implikationer för Global Säkerhet, Chefskursen, Försvarshögskolan, Solbacka Sweden, 15 August.

1) The Human Impact on the Atmosphere; 2) Planetary Boundaries: Introduction; 3) Planetary Boundaries: Scenarios for Sustainability; 4) Research for Global Sustainability, International Seminar on Climate System and Climate Change 2011, Beijing, China, 18-19 July.

* What Are the Oceans Worth to You? Kava Bowl Ocean Summit 2011, Honolulu, Hawaii, USA, 30 June – 4 July.

* Planetary Boundaries: Scenarier för hållbar utveckling, Östhammars kommun, Gimo, Sweden 19 May.

* Planetary Boundaries, United Nations High-level Panel on Global Sustainability, Helsinki, Finland, 15-16 May.

Global Change Research: Environmental and Social Impacts, National Global Change Seminar, Oslo, Norway, 10 March.

* Planetary Boundaries: Scenarier för hållbar utveckling, CSR syd 2011, Malmö, Sweden 9 March.

* Planetary Boundaries: Scenarier för hållbar utveckling, Sigtuna kommunfullmäktige, Märsta, Sweden, 24 February.

* Tillväxt på planetens villkor, Omställningsgruppen i Sigtuna kommun, Sigtuna, Sweden, 19 February.

* Planetary Boundaries: Scenarier för hållbar utveckling, Miljömålskonferensen 2011, Länsstyrelsen i Hallands län, Varberg, Sweden, 11 February.

* Planetary Boundaries: Scenarios for Sustainability, Royal Dutch Shell, The Hague, The Netherlands, 8 February.

2010 * Kunskapens Krona – Kan vetenskapen säkra våra resurser? Royal Palace, Stockholm, 24 November.

* Sida Symposium – Oceans and Climate Change. “Climate Change and Ocean Acidification”. 12 October.

Kungl. IngenjörsVetenskapsAkademin (IVA). “Klimatförändringar, Klimatforskning, Klimatmodeller”. Stockhom, 6 October.

* Svensk Energi Miljödagen. Planetary Boundaries: Scenarier för hållbar utveckling. Stockholm, 29 September.

* Balaton Group Annual Meeting 2010. "Coupline Climate Models with Human Decision Making". Selfoss, Iceland, 17 September.

* Tällberg Forum 2010. "What happens if we pave paradise? Humans and global ecosystems", 4 June.

Nordic Archaeal Network Meeting 2010, Lidingö, Stockholm, Sweden, 20 May. Keynote lecture.

* Cardo Strategy Conference 2010, Landskrona, Sweden, 18 May.

* Klimatet, samhället och individen, Klimatkonferensen I Jönköping, Jönköping, Sweden, 6 May.

* Vetenskapsfestivalen 2010. "Överlevnad, utveckling och välstånd på planetens villkor". Göteborg, 23 April.

* Vetenskapsfestivalen, Nordstan, Göteborg, Sweden.

* Association for Surface Chemistry Research Membership Days 2010, Stockholm, Sweden. Keynote lecture.

Svenska Rymdsällskapet Annual Meeting, 24 March, Stockholm, Sweden.

* Tällberg Whence & Whither Learning Project, 19-22 March, Tiputini Biodiversity Research Station, Tiputini, Ecuador.

* Omställningsgruppen I Sigtuna kommun, Uthålliga Sigtuna – Möjlig framtidsbild. 13 February.

* General Electric Citizenship and the Role of Companies in Developing a Sustainable Society Seminar, GE Gala, 10 February, Stockholm Sweden.

* Royal Swedish Academy of Agriculture and Forestry, Paths to Sustainability Ecological Forum, 12 February, Stockholm, Sweden.

* Tällberg Whence & Whither Learning Project, 18-19 January. Stockholm, Sweden.

2009

* The Climate Platform, 13 November, Istanbul, Turkey. Panel debate and lecture.

* GLOBE Europe, 12 November, Istanbul, Turkey. Invited lecture.

* Naturskyddsföreningen, 7 November, Stockholm, Sweden. Invited lecture.

* Omställningsgruppen i Sigtuna, 7 November, Märsta, Sweden. Invited lecture.

* No More Lullabies: The Tällberg Foundation, 18 October, Stockholm Sweden. Panel discussion with artists and musicians performing in the No More Lullabies benefit concert.

* Whence and Whither: The Tällberg Foundation, 16 October, Stockholm Sweden. Invited lecture (together with Will Steffen and Katherine Richardson).

* Balaton Group, 9 September. Balatonszemes, Hungary. Invited lecture.

Beckmans College of Design, 25 August. Stockholm Sweden. Invited Lecture.

* Tällberg Forum, 24-27 June, Tällberg, Sweden. Three presentations.

* GLOBE Europe Meeting, European Parliament. 30 April, Brussels, Belgium. Invited lecture.

* Ecological Farmers Association, 16 April. Uppsala, Sweden. Invited lecture.

Climate Change: Global Risks, Challenges & Decisions. 10-12 March. Copenhagen, Denmark. Oral presentation.

* Riksantikvarieämbetet, 5 March. Invited lecture.

Macquarie University, Sydney Australia. 13 January. Oral presentation and co-host of workshop.

2008 Copenhagen Centre for Atmospheric Research, 27 November. Invited seminar.

Royal Swedish Academy of Sciences, 16 October. Invited lecture.

* Logika Womens Network, Stockholm, Sweden, 6 September. Invited semimar.

* Climate Broadcasters Network – Europe, Monte Carlo, Monaco, 4-5 April. Invited lecture.

Tellus/GAC Seminars, Gothenburg, Sweden, 20 February. Invited seminar.

* Global Change and Sustainable Development, Taipei, Taiwan, 18-19 January. Invited keynote lecture.

2007

* Klimatpolitikens ekonomiska utmaningar, Stockholm, Sweden, 21 September. Invited lecture.

* IGBP 20th Anniversary Symposium, Stockholm, Sweden, 17-18 September. Lectures and conference organizer.

ACCENT Symposium, Urbino, Italy, 25 July. Invited lecture.

ESA Envisat Symposium, Montreux, Switzerland. 24 April. Invited lecture and panel participant.

EGU General Assembly, Vienna, Austria. 16 April. Invited lecture.

NCAR, Boulder CO USA. 5 January. Invited seminar.

2006

ETH, Zurich, Switzerland. 21 November. Invited seminar.

Paul Scherrer Institute, Villingen, Switzerland. 20 November. Invited seminar.

* Forum Stockholm: Sustainability of the Planet Workshop. Stockholm, Sweden. 4 October. Invited lecture.

* International Federation of Environmental Journalists Conference, Stockholm, Sweden. 20 August. Panel participant.

Hokkaido University International Symposium on Sustainable Development, Sapporo, Japan, 7-9 August. Invited plenary lecture.

ESF/JSPS Conference on Climate Change, Nynäshamn, Sweden, 25-29 June. Conference Co-Chair

* UNFCCC Meeting, Bonn, Germany, 19 May. Invited lecture.

Department of Systems Ecology, Stockholm University, 24 April. Invited seminar.

Center for Environment and Development Studies, Uppsala University, 22 February. Invited seminar.

AAAS Annual meeting, St. Louis, 19 February. Oral presentation and session Chair.

2005 Eminent Scientists Symposium, Fifth Ministerial Conference on Environment and Development in Asia and the Pacific, Seoul, South Korea, 24-25 March. Invited lecture and Co-Chair.

Israel Society for Ecology and Environmental Quality Sciences, Tel Aviv, Israel, 30 May – June 1. Invited plenary lecture.

African Network on Global Environmental Change, Nairobi, Kenya, 22-24 September. Invited plenary lecture.

* World Congress of Science Producers, Tokyo, Japan, 6-9 November. Invited lecture and panel discussion.

2004 US EPA/EMEP Conference, New Orleans, LA, 19-23 April. Invited lecture.

International Commission on Clouds and Precipitation (ICCP) Conference, Bologna, Italy, 19-23 July. Oral and poster presentations.

Eurosciecne Open Forum, Stockholm, Sweden, 25-28 August, Session moderator.

* Museum of Natural History, Stockholm, Sweden, 27 September. Invited seminar.

Significant Scientific Research for Global Environmental Change in Central and Eastern Europe, October, 6-8, 2004, Sinaia, Romania. Oral presentation.

American Geophysical Union, San Francisco, CA, 13-17 December. Session chair.

TEACHING EXPERIENCE:

COURSES TAUGHT AT STOCKHOLM UNIVERSITY: 1995 - 2004; (ii) indicates lecture hours. While at IGBP, I routinely gave lectures for several departments at Stockholm and Uppsala Universities, as well as taught in the European Research Course on Atmospheres (ERCA).

2016	g	Applied Environmental Research (18)
	g	Methods for Transdisciplinary Environmental Research (2)
	g	Historical Perspectives on Climate Change Science (6)
	u	Aerosol chemistry (17)
	u	Vetenskaplighet (16)

2015	g	Applied Environmental Research (18)
	g	Methods for Transdisciplinary Environmental Research (2)
	g	Historical Perspectives on Climate Change Science (6)
	u	Aerosol physics (2)
	u	Aerosol chemistry (15)
	u	Vetenskaplighet (16)
2011 -	g	Applied Environmental Research (18)
2015	g	Methods for Transdisciplinary Environmental Research (2)
	g	Historical Perspectives on Climate Change Science (6)
	u,g	Cloud physics (8)
	g	ERCA (6)
2010	g	Applied Environmental Research (18)
	g	Methods for Transdisciplinary Environmental Research (2)
	u,g	Climate history, cloud physics (8)
	g	ERCA (6)
2009	g	Applied Environmental Research (18)
	g	Methods for Transdisciplinary Environmental Research (2)
	u,g	Climate history, cloud physics (8)
	g	ERCA (10)
2008	g	Applied Environmental Research (18)
	u,g	Climate history, cloud physics (6)
	g	ERCA (10)
*2004	u	ME2030, Climatology (28)
	g	Statistics for the Geosciences (20)
		(* 1/2 year)
*2003	u	ME2030, Climatology (28)
	u	ME1170, Cloud physics (22)
	u	ME4230, Atmospheric physics (15)
		(* on parental leave)
2002	u	ME2030, Climatology (28)
	u	ME1170, Cloud physics (22)
	u	ME4230, Atmospheric physics (15)
2001	u	Meteorology, Geoscience I (15)
	u	ME201, statistics (2)
	g	Statistics for the Geosciences (20)
2000	u	Meteorology, Geoscience I (15)

	u	Air Chemistry, ME601 (30)
	u	Cloud Physics (20)
	g	Atmospheric Aerosols (20)
	u	ME201, statistics (2)
1999	u	Meteorology, Geoscience I (15)
	u	Endangered European Environment (SOCRATES) (15)
	u	Air Chemistry, ME601 (30)
1998	u	Air Chemistry, ME601 (30)
	u	Meteorology, Geoscience I (15)
	g	Statistics for the Geosciences (22)
	u	ME201, statistics (2)
1997	u	Air Chemistry, ME601 (25)
	u	Meteorology, Geoscience I (15)
	u	Climatology, ME102 (15)
	u	Environmental Chemistry (15)
	g	Atmospheric Aerosols (15)
	u	ME201, statistics (2)
1996	u	Air Chemistry, ME601 (25)
	u	Meteorology, Geoscience I (15)
	g	Statistics for the Geosciences (20)
1995	g	Statistics for the Geosciences (20)
	u	Air Chemistry, ME601 (25)
	u	Climatology, ME102 (15)
	u	Atmospheric Chemistry, ME201 (14)
	u	Meteorology, Geoscience I (15)
	g	Cloud Physics (6)

GRADUATE STUDENTS AND POST-DOCTORAL SCHOLARS SUPERVISED

Graduate Students - Current

Graduate Students - Past

Anneli Hallberg	PhD degree completed in April 1994 (co-advised with Dr. John Ogren)
Hong Lin	PhD degree completed in September 1996
Elisabeth Öström	MS in June 1998
Paul Glanz	MS in June 2000, PhD September 2002

Admir Targino	MS in 2003, PhD December 2005
Andreas Jonsson	PhD January 2006 (co-advised with Donal Murtagh & Jörg Gumbel)
Nélida González	PhD degree completed 31 May 2013 (co-advised with Dr. Barbara Nozière, Dr. Radek Krejci)
Wing Leung	MS degree completed 2016 (co-advised with Dr. Annica Ekman)

Past Post-docs

Dr. Gangwoong Lee	(1993)
Dr. Robert Pockalny	(1994)
Dr. Måns Håkansson	(2003)
Dr. Paul Glantz	(2004-5)
Dr. Matt Salter	(2014-15)

Other

Michael Jacobsen	Fulbright Scholar	(1997)

Senior Thesis Projects (Examensarbete)

Kristina Eneroth	(1998)
Lars Ahlm	(2002)
Emma Fransson	(2002)
Matina Andersson	(2003)
Andreas Waldemarsson	(2004)
Viktor Uusimaa	(2017)

PhD Opponent

Alf Kirkevåg	(2000)	Univ. of Oslo
Stefan van Ekeren	(2006)	ETH, Zurich, Switzerland
Aditya Vaishya	(2012)	National University of Ireland – Galway

Masters Opponent

Juan Carlos Rocha	(2013)	Stockholm University

PhD Evaluation Committees

Claes de Serves	(1995)	Stockholm University
Gunilla Svensson	(1996)	Uppsala University
Jörg Gumbel	(1998)	Stockholm University

Linda Ström	(1999)	Uppsala University
Magnus Hagström	(2000)	Gothenburg University
Jingchuan Zhou	(2001)	Lund University
Radovan Krejci	(2002)	Stockholm University
Michael Norman	(2003)	Stockholm University
Irene Lake	(2003)	Stockholm University
Lars Gidhagen	(2004)	Stockholm University
Arvid Bring	(2013)	Stockholm University
Juan Carlos Rocha	(2015)	Stockholm University
Moa Sporre	(2016)	Lund University
Patrick Keys	(2016)	Stockholm University

Masters Degree Evaluation Committees

Bruno Bontemps	(1999)	Stockholm University
Janek Laanearu	(2000)	Stockholm University
Rezwan Mohammed	(2004)	Stockholm University
Bengt Rydberg	(2007)	Chalmers University
Juan Carlos Rocha	(2013)	Stockholm University

GRANTS AND FINANCIAL SUPPORT

As Executive Director of IGBP (up to the end of August 2008), I was principal investigator on grants to IGBP amounting to 1.7 million euros per year. This funding was for IGBP operations, science activities, and support for the IGBP Secretariat (9 people). Since returning to Stockholm University in September, 2008, I obtained a grant (together with co-investigator Prof. H.-C. Hansson at ITM) from the Swedish Environmental Protection Agency for 300,000 SEK to produce a report on future climate research needs. I was on a team that developed a successful proposal in 2009 (ca. 18M SEK/year) for strategic research in climate modeling at Stockholm University.

I coordinated a multi-institution, multidisciplinary project to improve parameterizations of clouds in climate models. The project involved both modelers and experimentalists, and included investigators from two departments at Stockholm University, Lund University and the Swedish Meteorological and Hydrological Institute. The level of funding was 4.2M SEK per year. I coordinated a project on threats to the global oceans, including an economic valuation of the collective threats. This project was supported through a private foundation in Germany at approximately €400k for one year. I am also a co-investigator on a project to experimentally determine how vegetation in the Amazon basin influences cloud properties. I was PI on a project to use Calipso satellite data to determine where systematic differences in upper-tropospheric cloudiness can be seen in- and outside mid-latitude flight corridors.

While previously (2004 and before) at Stockholm University and at the University of Rhode Island, my own personal research budgets varied between ca. 100-400k€ per year over the last 15 or so years.