

CURRICULUM VITAE FOR THOMAS HAHN

Born on the 27th of July 1964, Pnr 640727-1490



DEGREES

- 1991-06-10 Master of Science in Agriculture, SLU, Dept of Economics
- 2001-01-19 Agr. Dr. in Economics, SLU.
- 2017-02-21 Associate Professor in Environmental Social Science, SU.

PRESENT LOCATION

- Associate Professor at Stockholm Resilience Centre at Stockholm University SE-106 91 Stockholm, Tel: +46-73-7078795, Fax: +46-8-6747036. thomas.hahn@su.se
- <http://www.stockholmresilience.org/contact-us/staff/2008-01-08-hahn.html>
- <https://scholar.google.se/citations?user=rH5XwrwAAA&hl=sv>
- <http://orcid.org/0000-0002-6649-5232>

PREVIOUS AND POST-DOCTORAL WORK

- Committee secretary (50% February-October 2013) at Government Offices of Sweden.
- Coordinator of Stockholm Resilience Research School 2009-2010.
- Course organiser and Director of Studies at Centre for Transdisciplinary Environmental Research (CTM) and Stockholm Resilience Centre (SRC) 2004-2010.
- Post-doctoral work 2001 at Stockholm University during which I changed research focus to Adaptive Governance of Social-Ecological Systems.
- PhD studies 1996-2000 of which one term at University of Wisconsin-Madison (supervisor Prof. Daniel Bromley).
- Teaching Environmental Economics and Ecological Economics full time at SLU Uppsala 1992-1995, part time 1996-2000.

PARENTAL LEAVE AND OTHER COMMITMENTS SINCE 2001

Parental leave for my four children (born 1998, 2002, 2007, and 2009) for altogether 18 months during the years 2003-2004 and 2007-2010. I've been employed as course organiser and Director of Studies 50% during 2002-2010. Since 2012 I teach only 20%. Board member since 2007 of Sveaskog, the largest forest company in Sweden, which takes 5% per year. Government commission 50% 2013 (see above). On average this left 40% for research 2001-2014.

GRANTS:

- Formas research grant: Institutional analysis of Ecological Compensation as an instrument for ensuring No Net Loss of biodiversity and ecosystem services. 2.999.484 SEK for 2017-2020 (No. 2016-01556).
- BiodivERsA3: GreenFutureForest. WP-leader. Project led by Tord Snäll, SLU. 16 MSEK for 2017-2020. (No 645782) <https://www.era-learn.eu/network-information/networks/biodiversa3/biodiversa3-joint-call-2015/scenarios-for-a-sustainable-future-forest-green-infrastructure>
- Mistra Financial Systems: Putting financial systems to work for sustainability. WP-leader and Member of the Program Management Group. In collaboration with five research institutes and two industry partners, led by Stockholm School of Economics. 30 MSEK for 2016-2019. (DIA 2013/39)
- IPBES Workshop grant from the Swedish EPA. 100.000 SEK. 2016. (NV-07025-16)
- Formas grant together with Claudia Ituarte-Lima. Effective and equitable institutional arrangements for financing and safeguarding biodiversity. 6 MSEK for 2013-2017 (No. 254-2013-130).
- Multifunctional Agriculture: Harnessing Biodiversity for Sustaining Agricultural Production and Ecosystem Services (SAPES). Formas Strong Research Environments

grants led by Lunds University (Henrik Smith) and SLU Uppsala. 25 MSEK for 2010-2015. <http://www.cec.lu.se/research/sapes>

- Governance and ecosystems management for the conservation of biodiversity (GEM-CON-BIO). Leader of the Swedish team (€ 206,240). EU FP6 project 2006-2008 http://www.gemconbio.eu/partners_ctm.shtml http://ec.europa.eu/research/social-sciences/projects/260_en.html
- Research Assistant Grant by Formas 2002-2009 (no. 215-2002-266; 2006-1043; 2.62 MSEK) (four full years, extended due to teaching and parental leave).

MEMBERSHIP OF BOARDS AND COMMITTEES

- Board Member of Sveaskog AB, the largest Forest owner company in Europe (2007-) <http://www.sveaskog.se/om-sveaskog/organisation-och-ledning/styrelse/>
- Fellow of The Royal Swedish Academy of Agriculture and Forestry (KSLA) (2015-)
- Member of the Scientific committee on Biodiversity and Ecosystem Services, Swedish Environmental Protection Agency (2013-)
- Coordinating Lead Author for European and Central Asian Regional Assessment of The Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) (2015-2018)
- Member of the Expert Group on the Parliamentary Investigation on Ecological Compensation (2016-2017)
- Board Member of the Swedish Nuclear Waste Fund (2015-2016) <http://www.karnavfallsfonden.se/>
- Member of the Expert Group on the Parliamentary Investigation on Climate and Economy (Miljömålsberedningens Klimatekonomiska referensgrupp) (2015-2016)
- Senior advisor to Hagainitiativet, an NGO connecting businesses taking progressive actions to reduce greenhouse gases (2014). <https://www.hagainitiativet.se/sv/nyhet/thomas-hahn>
- Chairperson for Swedish Economists for Sustainability, a branch of The Natural Step (2001-2009)

AWARDS AND FEATURE:

- Zayed International Prize for the Environment (awarded to authors of The Millennium Ecosystem Assessment)
- In 2015 my research was featured by Stockholm University: <http://www.su.se/english/about/profile-areas/economy-environment> <http://www.su.se/om-oss/profilområden/ekonomi-miljö>

SUPERVISION AND REVIEWS SINCE 2008:

- Main supervisor for PhD student Niak Koh at SRC
- Assistant supervisor for PhD students David Collste and Ami Golland, both at SRC.
- Mentor for post-doc Dr. Monika Suskevics (2015-2016).
- Assistant supervisor for PhD student Markus Larsson, who defended his PhD at KTH 2016-06-13. Title: Towards a Sustainable Food System: Entrepreneurship, Resilience and Agriculture in the Baltic Sea Region. Other supervisors: Mattias Höjer and Rebecka Milestad.
- Main supervisor for Åse Johannessen 2009-2013. Johannessen left Stockholm University in 2013 for Lund University. My supervision resulted in a co-authored publication 2013.
- Assistant supervisor for Emil Sandström who completed his PhD at SLU in 2008. Title: Reinventing the commons: Exploring the emergence of local natural resource management arrangements. SLU Acta 2008:48. Other supervisors: Kjell Havnevik and Cecilia Waldenström.
- Supervision of Masters students. The last ones completed in:
 - 2017: Hanna Kylin, SU.

- 2017: Hannes Anagrius, SU.
- 2015: Niak Koh, Uppsala Univ. (*Journal paper in Land Use Policy*)
- 2012: Malena Heinirup, SU.
- 2012: Dorothea Hardt, SU and Univ. of Aachen, Germany
- 2012: Julien Morel, KTH.
- Recent internships resulting in co-authored publications:
 - 2015: Malena Heinirup (*Journal paper in Landscape Research*)
 - 2015: Jessica Spijkers (*Departmental Report*)
 - 2014: Niak Koh (*Departmental Report*)
- Member of the PhD evaluating committee for Johannes Langemeyer (SRC and Univ. of Barcelona, 2015) and Merlina Missimer (Blekinge Institute of Technology, 2015).
- Member of the Licentiate thesis evaluating committee for Magnus Tuvendal (Stockholm University, 2010).
- I have reviewed several research proposals on behalf of the Norwegian Research Council (Norges Forskningsråd).
- Reviewer for the following journals: Ecology and Society, Journal of Cleaner Production, Ecological Economics, Nature and Society, Ecosystems, Forest Policy and Economics, Environmental Science and Policy, Global Environmental Change, Ambio, BioScience, International Journal of the Commons, Ecological Management & Restoration, and Scandinavian Journal of Forest Research.

PRESENTATIONS AT SCIENCE CONFERENCES SINCE 2010 (* = INVITED SPEAKER)

- April 2018* Presentation for the Norwegian Academy of Science on Sustainable transformations, Oslo, Norway.
- April 2018* Presentation at the FAERE Workshop, Ecological-Economic Resilience of Ecosystems, Bordeaux, France.
- Dec 2017* Invited speaker to St. Mary's College for Women, Kerala, India
- Aug 2017 Presentation at Resilience Conference, Stockholm.
- Oct 2016* Seminar on Ecosystem Services. Helsinki Univ./SYKE, Finland.
- Oct 2015 Transformations Conference, Stockholm University.
- July 2015 European Society for Ecological Economics, Leeds, UK.
- March 2015* Insurance Value, Economic Valuation of Uncertainty and Impact of Climate Change. Seminar at Seoul National University, Korea.
- Aug 2014* Monetary valuation of ecosystem services is not needed for policy integration. New Ruralities – changing agendas for research and practice. Bertebos Conference, KSLA, Falkenberg, Sweden.
- April 2014* Key-note speaker at Second CBD Dialogue Seminar in Quito, Ecuador, on Scaling up Biodiversity Finance. <http://www.cbd.int/doc/?meeting=DS-FB-02>
- Oct 2013* Sustainable agriculture and valuation of ecosystem services. Södertörn Univ.
- Nov 2012* Presentation at Seminar in honour of Gretchen Daily, Volvo Environment Prize Laureate 2012, Swedish Royal Academy of Sciences, Stockholm. <http://www.stockholmresilience.org/21/research/research-news/11-27-2012-no-longer-valued-at-zero.html>
- Aug 2012* Presentation at Resilience Alliance Young Scholars Colloquium, Stockholm
- May 2012* Key-note speaker at the international workshop “Governance of Socio-Ecological Systems: Coordinating Science and Action in Resilience Thinking” at University of Venice, Italy.
- March 2012* Key-note speaker at CBD Dialogue Seminar in Quito, Ecuador, on Scaling up Biodiversity Finance. <http://www.cbd.int/finacial/quitoseminar/>
- June 2011 The Nordic Environmental Social Science (NESS) Conference, Stockholm
- Feb 2010* Keynote speaker at a PhD School seminar with theme: “An institutional approach to the analysis of systems, systems change and transition in natural resources”. Brussels, Belgium.

RECENT POPULAR ARTICLES AND BROADCASTING:

- Aug 2018 Hahn, T. Debate on climate change policy in the largest Swedish newspaper <https://www.dn.se/debatt/replikar/ineffektivt-lata-klimatpolitiken-utga-fran-privatmoral/>
- Aug 2017 Interview in national radio Studio Ett on pricing nature. <http://sverigesradio.se/sida/avsnitt/934699?programid=1637>
- June 2016 Hahn, T. Interview in Forest & Future magazine: The social values of forests can be estimated in economic terms.
- Oct 2015 Hahn, T. Interview in the Swedish Sustainable Business Report: Is ecological compensation the way forward? <http://www.miljorapporten.se/9828.html>
- Sept 2015 Hahn, T. Cronicle to a Swedish Env Magazine: The devil is in the detail. <http://effektmagasin.se/djavulen-bor-i-detaljerna/>
- June 2015 <http://www.ytterjarnaforum.se/mat-odling/hallbart-jordbruk-behover-inte-kosta-mer/>
- Jan 2015 Höglund, R., Hahn, T. Schlaug, B. Two debate articles on Sustainable growth in a leading environmental popular magazine. <http://www.aktuellhallbarhet.se/tag/thomas-hahn/>
- Oct 2014 Hahn, T. Debate on international carbon tax in Swedish newspaper Dagens Nyheter 2014-11-03. <http://www.dn.se/debatt/replikar/internationell-legitimitet-viktigt/>
- Sept 2014 Hahn, T., Linusson, S. Vinklat och med teknokratisk demokratisyn. Svar till Torbjörn Fagerström. SANS Magasin nr 4/2014. Fri Tanke. <http://www.fritanke.se/vinklat-och-med-teknokratisk-demokratisyn/>
- Nov 2013 Hahn, T. and M. Schultz. Ekosystemtjänster har potential i jordbruket. Chronicle in ATL, Farmers' quality newspaper. <http://www.atl.nu/synpunkten/utredning-med-intressanta-f-rslag>
- Jan 2013 Interviewed by National Radio, Vetandets Värld, 8 January 2013 <http://sverigesradio.se/sida/gruppsida.aspx?programid=406&grupp=18593&artikel=5400692>

RECENT PRESENTATIONS FOR DECISION-MAKERS:

- Feb 2018 Presentation for “the Swedish Climate Parliament”, Stockholm.
- Dec 2017 Presentation for the Swedish Energy Agency, Västerås
- Sept 2017 Presentation for Swedish Regions on Biobased Economy. Stockholm.
- April 2017 Global IPBES Workshop on Values and Indicators, Budapest, Hungary.
- Oct 2016 Presentation for the Swedish Royal Majesty King on Rights to nature, a birthday seminar arranged by SRC, SEI, SIWI and WWF. Stockholm.
- May 2016 Presentation for the Nordic Swan Ecolabel, Stockholm.
- April 2016 Presentation for the Green Party, Sweden, on Ecosystem services. Stockholm.
- March 2016 World Water Day/SIWI. Insurance value. Stockholm.
- Nov 2015 Presentation on Ecological Compensation (Biodiversity offsets) for Swedish industry (MiljöRapporten Seminar).
- Nov 2015 Presentation on Climate Justice for Swedish NGOs before COP-21. <http://tidningensyre.se/kraven-pa-rattvisa-satter-kappar-i-forhandlingshjulen/>
- Jan 2015 Presentation of the Mistra Report on Green Economy, broadcasted by national television <http://www.svt.se/nyheter/svtforum/den-grona-ekonomin>
- Oct 2014 Advising Haga-initiativet <http://hagainitiativet.se/category/forskarintervjuer/>
- Oct 2014 Presentation for the Swedish EPA, Forum för tillämpad samhällsekonomisk analys.
- Sept 2014 Presentation for the Swedish EPA, Synliggörande av ekosystemtjänster med eller utan priser.
- Sept 2014 Presentation on Green Economy for the Investigation Service at the Swedish Parliament.
- Dec 2013 Presentation on Ecosystem services for the board of LRF, the Federation of Swedish Farmers.
- Nov 2013 Presentation at the Royal Swedish Academy of Agriculture and Forestry (KSLA): Valuation of ecosystem services
- Oct 2013 Press conference with Environmental Minister when submission of the Government Commission Report <http://www.regeringen.se/sb/d/17928/a/226396>
- July 2013 Seminars at Almedalen/Gotland, the “Political Week.”

Publications by Thomas Hahn August 2018

<https://scholar.google.se/citations?user=rH5XwrwAAAAJ&hl=sv>
https://www.researchgate.net/profile/Thomas_Hahn5/contributions
orcid.org/0000-0002-6649-5232

Note: On average, I worked 40% as researcher since my dissertation 2001 until 2014 due to other (paid) responsibilities (see CV for further details):

- Director of Studies 2004-2009 (30%);
- Developing the Masters programme 2003-2004 and since then until 2010 organizing two MSc courses within this program (approx. 25% on a yearly basis);
- Developing the Resilience Research School in 2009 (3 months in 2009), after that coordinating the research school until 2010;
- Board member of Sveaskog AB since 2007 (approx. 5% on a yearly basis);
- Governmental report (50% February-November 2013)
- Parental leave for 18 months for three children (2003-2004 and 2007-2010).

Almost submitted

Maike Hamann, Reinette Biggs, Belinda Reyers, Maria Tengö, Tim Daw, **Thomas Hahn**, Odirilwe Selomane, Stephen Polasky, Thomas Elmqvist. Four Perspectives on Ecosystem Services. To be submitted to PNAS ????

In review

Koh, N., **Hahn, T.**, Boonstra, W.J. (In review) How much market is there in a biodiversity offset? (OR: How much market is involved in biodiversity offsetting?) A typology of biodiversity offset policies. Submitted to *Journal of Environmental Management*.
Suškevičs, M., **Hahn, T.**, Rodela, R.. (In review). Process and contextual factors supporting action-oriented learning: A thematic synthesis of empirical literature in natural resource management. Submitted to *Society and Natural Resources*.

A. Peer-reviewed articles in international journals since 2004

Schultz, M., **Hahn, T.**, Ituarte-Lima, C., Hällström, N. 2018. Deliberative multi-actor dialogues as opportunities for transformative social learning and conflict resolution in international environmental negotiations. Forthcoming in *International Environmental Agreements: Politics, Law and Economics*. DOI :10.1007/s10784-018-9410-4

Birkhofer, K., Andersson, G.K., Bengtsson, J., Bommarco, R., Dänhardt, J., Ekblom, B., Ekroos, J., **Hahn, T.**, Hedlund, K., ... Smith, H.G., 2018. Relationships between multiple biodiversity components and ecosystem services along a landscape complexity gradient. *Biological Conservation* 218, 247-253. <https://doi.org/10.1016/j.biocon.2017.12.027>

Suškevičs, M., **Hahn, T.**, Rodela, R., Macura, B., Pahl-Wostl, C. 2018. Learning for social-ecological change: A qualitative review of outcomes across empirical literature in natural resource management. *Journal of Environmental Planning and Management*. 61(7): 1085-1112. doi.org/10.1080/09640568.2017.1339594

Hahn, T., Heinrup, M., Lindborg, R. 2018. Landscape heterogeneity correlates with recreational values: a case study from Swedish agricultural landscapes and implications for policy. *Landscape Research*, 43(5): 696-707. doi.org/10.1080/01426397.2017.1335862

Koh, N., **Hahn, T.**, Ituarte-Lima, C. 2017. Safeguards for Enhancing Ecological Compensation in Sweden. *Land Use Policy* 64:186-199. doi.org/10.1016/j.landusepol.2017.02.035

Hahn, T., Nykvist, B. 2017. Are adaptations self-organized, autonomous and harmonious? Assessing the social-ecological resilience literature. *Ecology and Society* 22(1):12. doi.org/10.5751/ES-09026-220112

- Larsson, M., Milestad, R., **Hahn, T.**, von Oelreich, J. 2016. The resilience of a sustainability entrepreneur in the Swedish food system. *Sustainability* 8, 550. doi:10.3390/su8060550
- Hahn, T.**, McDermott, C., Ituarte-Lima, C., Schultz, M., Green, T., Tuvendal, M., 2015. Purposes and degrees of commodification: economic instruments for biodiversity and ecosystem services need not rely on markets or monetary valuation. *Ecosystem Services* 16: 74–82. doi.org/10.1016/j.ecoser.2015.10.012
- Larsson, M., Morin, L., **Hahn, T.**, Sandahl, J., 2013. Institutional barriers to organic farming in Central and Eastern European countries of the Baltic Sea region. *Agricultural and Food Economics* 1:5. doi:10.1186/2193-7532-1-5
- Elbakidze, M., **Hahn, T.**, Mauerhofer, V., Angelstam, P., Axelsson, R., 2013. Legal framework for biosphere reserves as learning sites for sustainable development: a comparative analysis of Ukraine and Sweden. *Ambio* 42: 174–187. doi:10.1007/s13280-012-0373-3
- Johannessen, Å., **Hahn, T.**, 2013. Social learning towards a more adaptive paradigm? Reducing flood risk in Kristianstad municipality, Sweden. *Global Environmental Change* 23:372–381. doi.org/10.1016/j.gloenvcha.2012.07.00
- Hahn, T.**, 2011. Self-organized governance networks for ecosystem management: who is accountable? *Ecology and Society* 16(2): 18 <http://www.ecologyandsociety.org/vol16/iss2/art18/>
- Kenward, R., Whittingham, M., Arampatzis, S., Manos, B., **Hahn, T.**, Terry, A., Simoncini, R., Alcorn, J., Bastian, O., Donlan, M., 2011. Identifying governance strategies that effectively support ecosystem services, resource sustainability, and biodiversity. *Proc. Nat. Acad. of Science (PNAS)* 108(13): 5308-5312, doi:10.1073/pnas.1007933108
- Olsson, P., Folke, C., Galaz, V., **Hahn, T.**, Schultz, L., 2007. Enhancing the Fit through Adaptive Co-management: Creating and Maintaining Bridging Functions for Matching Scales in the Kristianstads Vattenrike Biosphere Reserve, Sweden. *Ecology and Society* 12(1):28. [online] URL: <http://www.ecologyandsociety.org/vol12/iss1/art28/>
- Hahn, T.**, Olsson, P., Folke, C., Johansson, K., 2006. Trust-building, knowledge generation and organizational innovations: the role of a bridging organization for adaptive co-management of a wetland landscape around Kristianstad, Sweden. *Human Ecology* 34:573–592. DOI 10.1007/s10745-006-9035-z
- Folke, C., **Hahn, T.**, Olsson, P., Norberg, J., 2005. Adaptive governance of social-ecological systems. *Annual Review of Environment and Resources* 30:441–73. doi.org/10.1146/annurev.energy.30.050504.144511. (Science Indicators Fast Breaking Paper http://www.esi-topics.com/fbp/2006/december06-CarlFolke_etal.html)
- Olsson, P., Folke, C., **Hahn, T.**, 2004. Social-ecological transformation for ecosystem management: the development of adaptive co-management of a wetland landscape in southern Sweden. *Ecology and Society* 9(4):2. [online] URL: <http://www.ecologyandsociety.org/vol9/iss4/art2/print.pdf>

B. Peer-reviewed book chapters in English since 2006

- IPBES, 2018. Summary for policymakers of the regional assessment report on biodiversity and ecosystem services for Europe and Central Asia of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services. M. Fischer, M. Rounsevell, A. Torre-Marín Rando, A. Mader, A. Church, M. Elbakidze, V. Elias, **T. Hahn**, P.A. Harrison, J. Hauck, B. Martín-López, I. Ring, C. Sandström, I. Sousa Pinto, P. Visconti, N.E. Zimmermann and M. Christie (eds.). IPBES secretariat, Bonn, Germany. 48 pages.
- Elbakidze, M., **T. Hahn**, N.E. Zimmermann, 2018. Direct and indirect drivers of change in biodiversity and 17164 nature's contributions to people. Chapter 4 in: Regional assessment report on biodiversity and ecosystem services for Europe and Central Asia. The Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, IPBES/6/INF/6.
- Hahn, T.**, 2014. Green Economy, economic growth and sustainable development. pp. 338-357 in Palmer, H. (ed.), Access to Resources: an urban agenda. AADR Art Architecture Design Research. ISBN 978-3-88778-419-5. <http://aadri.info/access-to-resources-an-urban-agenda/>
<http://www.ribabookshops.com/item/access-to-resources-an-urban-agenda/84572/>

Galaz, V., Olsson, P., **Hahn, T.**, Folke, C., Svedin, U., 2008. "The Problem of Fit among Biophysical Systems, Environmental and Resource Regimes, and Broader Governance Systems: Insights and Emerging Challenges." Pages 147-186 in: Young, O. R. et al. (Eds.), *Institutions and Environmental Change - Principal Findings, Applications, and Research Frontiers*, The MIT Press, Cambridge.

<http://mitpress.mit.edu/catalog/item/default.asp?ttype=2&tid=11622>

Hahn, T., Schultz, L., Folke, C., Olsson, P., 2008. "Social networks as sources of resilience in social-ecological systems." Pages 119-149 in: Norberg, J., Cumming, G. (eds.), *Complexity theory for a Sustainable Future*, Columbia University Press.

<http://cup.columbia.edu/book/978-0-231-13460-6/complexity-theory-for-a-sustainable-future>

Folke, C., Colding, J., Olsson, P., **Hahn T.** 2007. "Interdependent Social-Ecological Systems and Adaptive Governance for Ecosystem Services." Pages 536-552 in: Pretty, J., et al. (editors). *The Sage Handbook of Environment and Society*, Sage Publications, London.

<http://www.uk.sagepub.com/books/Book228312?#tabview=toc>

Hahn, T., 2006. "Economic analysis of sustainable development without reducing human rights and ecological integrity to utilities." Pages 123-132 in Frostell, B. (ed.), *Science for sustainable development: starting points and critical reflections*. Proceedings of the first VHU Conference on Science for Sustainable Development, Västerås, Sweden.

http://www.vhu.se/attachments/122_VHU%20SfSD%20-%20Starting%20Points%20-%20content.pdf

Malayang III, B. S., **Hahn, T.**, Kumar, P., 2006. "Responses to ecosystem change and to their impacts on human well-being." Pages 203-226 in Capistrano, D. et al. (eds): *Ecosystems and Human Well-being: Multiscale Assessments: Findings of the Sub-Global Assessments Working Group of the Millennium Ecosystem Assessment*,. Washington, DC: Island Press.

<http://www.millenniumassessment.org/documents/document.347.aspx.pdf>

C. Other recent scientific publications

Schultz, M., **Hahn, T.**, Hällström, N., Ituarte-Lima, C., 2016, The biggest single opportunity we have is dialogue - Dialogue seminars as a methodology for transformative social learning and conflict resolution in international environment negotiations, SwedBio at Stockholm Resilience Centre. (This is a modification of a paper with a similar name under review in *International Journal of Biodiversity Science, Ecosystem Services & Management*.)

Spijkers, J., Isacs, L., **Hahn T.** 2015. Sustainable agriculture within the Baltic Sea Region: do policy measures respond to policy objectives? Report to Beras, Södertörn University.

<http://beras.eu/publications/research-publications/>

Koh, N. S., Hahn, T., Ituarte-Lima, C., 2014. A comparative analysis of ecological compensation programs: The effect of program design on the social and ecological outcomes. Uppsala: Uppsala University.

<http://uu.diva-portal.org/smash/record.jsf?pid=diva2%3A772933&dswid=6021>

Ituarte-Lima, C., Schultz, M., **Hahn, T.**, McDermott, C., and Cornell, S., 2014, Biodiversity financing and safeguards: lessons learned and proposed guidelines, Stockholm: SwedBio/Stockholm Resilience Centre at Stockholm University, Information Document UNEP/CBD/COP/12/INF/27 for the 12th Conference of the Parties of the Convention on Biological Diversity in Pyeongchang Korea. <http://www.cbd.int/doc/?meeting=cop-12> and <http://www.cbd.int/doc/meetings/cop/cop-12/information/cop-12-inf-27-en.pdf>

D. PhD dissertation 2000 (monograph)

Hahn, T., 2000. *Property rights, ethics, and conflict resolution: Foundations of the Sami economy in Sweden*. Doctoral dissertation, Agraria 258, SLU, Dept of Economics, Uppsala. DOI: 10.13140/RG.2.2.14661.65764

E. Reports for the Swedish government

Schultz, M., Berg, L., **Hahn, T.**, Hård af Segerstad, L., 2013. Making the value of ecosystem services visible - Proposals to enhance well-being through biodiversity and ecosystem services. Swedish Government Inquiries. (In Swedish with English Summary.) SOU 2013:68. <http://www.regeringen.se/sb/d/16982/a/226192>