

# 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

- Principal Researcher and Program Director of FAIRTRANS at Stockholm Resilience Centre at Stockholm University SE-106 91 Stockholm, Tel: +46-73-7078795, Fax: +46-8-6747036. [thomas.hahn@su.se](mailto:thomas.hahn@su.se)
- <http://www.stockholmresilience.org/contact-us/staff/2008-01-08-hahn.html>
- <https://scholar.google.se/citations?user=rH5XwrwAAAAJ&hl=sv> (h-index: 23)
- <http://orcid.org/0000-0002-6649-5232>

## PREVIOUS AND POST-DOCTORAL WORK

- Engaged in The Millennium Ecosystem Assessment (MA) and The Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)
- Committee secretary (50% February-October 2013) at Government Offices of Sweden.
- 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 POSITIONS

- Course and module leader SRC MSc Programme (2018-)
- Course leader of Ekologisk ekonomi (SU) annually (2007-)
- Course mentor for student-led SRC course Världens Eko (2002-2022)
- Course organiser and Director of Studies (SU/SRC 2004-2010).
- Main lecturer for Ecological Economics (KTH 2005-2014)
- Teaching Environmental Economics and Ecological Economics full time at SLU Uppsala 1992-1995, part time 1996-2000. In summary, I have led courses in Ecological Economics at undergraduate and MSc level at five universities for the last 30 years (SLU, Uppsala University, University of Gävle, SU, and KTH).

## PARENTAL LEAVE 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.

## GRANTS:

- Joint grant from Mistra (DIA 2019/28) and Formas via the national research programme on climate (2021-00416): Fair Transformation to a Fossil Free Future (FAIRTRANS), 40 MSEK 2021-2025. Programme co-director.
- Formas: Increasing legitimacy and stakeholder involvement in ecological compensation/biodiversity offsets. 2,997,192 SEK for 2020-2023 (No. 2019-01078).
- Formas: 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. COFUND Call with Formas (2016-01949). <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 <https://cordis.europa.eu/project/id/28827/reporting>
- 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**

- Country rep. for Eur Soc Ecol Econ <https://ecolecon.eu/governance/> (2018-)
- Lead Author for the Values Assessment of The Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) (2018-2022)
- Senior Advisor to the think-tank Global Utmaning (Global Challenges) (2012-) <https://globalutmaning.se/om-oss/vara-radgivare/>
- 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-)
- Board Member of Sveaskog AB, the largest Forest owner company in Europe (2007-2019) See p. 68 at <https://www.sveaskog.se/globalassets/trycksaker/finansiella-rapporter/ars-och-hallbarhetsredovisning-2018.pdf>
- Coordinating Lead Author for European and Central Asian (ECA) 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/download/18.635c52981525a88d1723de06/1461075997729/%C3%85sredovisning%202015.pdf>
- Member of the Expert Group on the Parliamentary Investigation on Climate and Economy (Miljömålsberedningens Klimatekonomiska referensgrupp) (2015-2016)
- 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/profilomraden/ekonomi-miljo>

#### **SUPERVISION AND REVIEWS SINCE 2008:**

- Main supervisor for PhD student Niak Koh at SRC (2017-2022) (Three paper co-authored)

- Assistant supervisor for PhD students David Collste (2016-2021) and Ami Golland (2016-), both at SRC.
- Mentor for post-doc Dr. Monika Suskevics (2015-2016). (Two co-authored papers)
- Main supervisor for Åse Johannessen 2010-2013. Johannessen was awarded a PhD at Lund University in 2017, title: “Bridging the floods - The role of social learning for resilience building in urban water services.” (One co-authored paper)
- 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. (Two co-authored papers)
- Assistant supervisor for Emil Sandström who was awarded a PhD at SLU in 2008. Title: “Reinventing the commons: Exploring the emergence of local natural resource management arrangements.” Other supervisors: Kjell Havnevik and Cecilia Waldenström.
- Main supervisor for Masters students. The last ones completed in:
  - 2018: Margret Veltman, SU/Wageningen Univ.
  - 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).
- Since 2010, I regularly review research proposals on behalf of the Norwegian Research Council (Norges Forskningsråd) and Östersjöstiftelsen.
- Reviewer for the following journals: Ecology and Society, Environmental Science and Policy, Journal of Cleaner Production, Global Environmental Change, Ambio, Sustainability, Ecological Economics, Nature and Society, Ecosystems, Forest Policy and Economics, BioScience, International Journal of the Commons, Ecological Management & Restoration, Scandinavian Journal of Forest Research, Landscape Research.

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

- July 2021\* Presenting and chairing a session at the International Sustainable Development Research Society (ISDRS) Conference (online).  
<https://2021.isdrsconferences.org/sustainable-economic-models/>
- Sept 2020\* Reviving the economy post-Corona. International webinar at IQAC & PG Dept of Commerce, Al Azhar College of Arts & Science, Kerala, India.
- Aug 2019 KOSMOS Conference, Humboldt-Universität, Berlin.
- June 2019 13th International Conference of the European Society for Ecological Economics, Turku, Finland.
- April 2018\* Norwegian Academy of Science (and the King of Norway) on Sustainable transformations, Oslo, Norway.
- April 2018\* FAERE Workshop, Ecological-Economic Resilience of Ecosystems, Bordeaux, France.

- Dec 2017\* St. Mary's College for Women and Naipunya School of Management, Kerala, India.
- Aug 2017 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\* 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\* 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 (MOSTLY IN SWEDISH):**

- Sept 2021 National TV about Climate benefits from forestry (part 3+7)  
<https://www.svtplay.se/vetenskapens-varld-slaget-om-skogen>
- Sept 2021 Hahn, T. Debate on climate economics. <https://www.dn.se/debatt/en-falsk-bild-som-gransar-till-klimatpopulism/>
- Aug 2021 National TV about FAIRTRANS G20 Survey (after 19 minutes).  
<https://www.tv4play.se/program/efter-fem/del-2-sasong-host-2021/13318745>
- April 2021 Hahn, T. Comment on biodiversity disclosure in forestry.  
<https://www.aktuellhallbarhet.se/miljo/biologisk-mangfald/efter-artiklarna-om-sveaskog-dags-att-infora-krav-pa-biodiversity-disclosure-1/>
- Nov 2020 Hädén, Hahn, and others. Debate on sustainability, consumption and economic growth in the major conservative newspaper. <https://www.svd.se/sank-arbetstiden--lat-miljo-ga-fore-tillvaxt>
- April 2020 Hahn, T. Chronicle on Consumption and Sustainability in the Magazine Syre  
<https://tidningensyre.se/2020/17-april/nu-maste-vi-valja-konsumtion-eller-livskvalitet/>
- Nov 2019 Interview about a BioScience paper with 11,000 signatories.  
<https://www.dn.se/nyheter/sverige/hundratal-svenska-forskare-stoder-larm-om-akut-klimatkris/>
- Oct 2019 171 researchers on climate protests. <https://www.dn.se/debatt/171-forskare-vi-vuxna-bor-ocksa-klimatprotestera/> and <https://www.dn.se/debatt/repliker/vi-har-ett-ansvar-att-krava-en-mycket-mer-kraftfull-klimatpolitik/>
- Sept 2019 Nykvist, B., Hahn, T. et al. Debate on the role of the finance sector.  
<https://www.di.se/debatt/forskarna-finanssektorn-kan-investera-sverige-ur-klimatkrisen/>
- May 2019 30 researchers presenting IPBES Global Assessment in Sweden's second largest newspaper. <https://www.svd.se/kris-i-naturen--sa-kan-trenden-vandas>
- May 2019 Interview by Swedish national radio on IPBES Assessment.  
<https://sverigesradio.se/sida/avsnitt/1283590?programid=412>

- March 2019 270 climate scientists in support of Greta. <https://www.dn.se/debatt/vi-klimatforskare-stodjer-greta-och-skolungdomarna/>
- Nov 2018 Hahn, T. Debate on Climate Policies in the largest business paper in Sweden. <https://www.di.se/debatt/att-vara-gott-exempel-racker-inte/>
- Nov 2018 Interview by Formas Extrakt. <http://www.extrakt.se/minskad-klimatpaverkan/hallbarhetsforskarnas-rad-till-nasta-regering/>
- Aug 2018 Hahn, T. Debate on climate change policy in the largest Swedish newspaper <https://www.dn.se/debatt/repliker/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.
- Nov 2015 Interview on Climate Justice for Swedish NGOs before COP-21. <http://tidningensyre.se/kraven-pa-rattvisa-satter-kappari-forhandlingshjuln/>
- Oct 2015 Interview in the Swedish Sustainable Business Report: Is ecological compensation the way forward? <http://www.miljorapporten.se/9828.html>
- Sept 2015 Hahn, T. Chronicle 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/>
- 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 Hahn, T. Debate on international carbon tax in Swedish newspaper Dagens Nyheter 2014-11-03. <http://www.dn.se/debatt/repliker/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=540062>

#### RECENT PRESENTATIONS FOR DECISION-MAKERS

- April 2021 Webinar KSLA/IVA: How can we optimise all forest benefits?
- April 2020 Seminar for SEPA:s Scientific committee on Biodiversity and Ecosystem Services, on Biodiversity and Economic growth. Göteborg (Zoom).
- March 2019 Panel at Falun University College, on Growth and Climate Crisis. Falun.
- Oct 2018 The Biodiversity Day, arranged by KSLA and Swedish Biodiversity Centre, SLU.
- Feb 2018 The Swedish Climate Parliament.
- Dec 2017 The Swedish Energy Agency, Västerås
- Sept 2017 Swedish Regions, on Biobased Economy.
- April 2017 Global IPBES Workshop on Values and Indicators, Budapest, Hungary.
- Oct 2016 The Swedish Royal Majesty King on Rights to nature, a birthday seminar arranged by SRC, SEI, SIWI and WWF.
- May 2016 The Nordic Swan Ecolabel, Stockholm.
- April 2016 The Swedish Green Party, on Ecosystem services.
- March 2016 World Water Day/SIWI. Insurance value. Stockholm.
- Nov 2015 Ecological Compensation (Biodiversity offsets) for Swedish industry (MiljöRapporten Seminar).
- Oct 2014 Advising Haga-initiativet <http://hagainitiativet.se/category/forskarintervjuer/>
- Oct 2014 The Swedish EPA, Forum för tillämpad samhällsekonomisk analys.
- Sept 2014 The Swedish EPA, Synliggörande av ekosystemtjänster med eller utan priser.

- Sept 2014 Green Economy for the Investigation Service at the Swedish Parliament.  
Dec 2013 The board of Federation of Swedish Farmers (LRF), on Ecosystem services.  
Nov 2013 The Royal Swedish Academy of Agriculture and Forestry (KSLA), on Valuation of ecosystem services  
Oct 2013 Press conference with Environmental Minister at the submission of our Government Commission Report <http://www.regeringen.se/sb/d/17928/a/226396>  
July 2013 Seminars at the "Political Week." Almedalen/Gotland, Sweden.

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## Publications by Thomas Hahn

<https://scholar.google.se/citations?user=rH5XwrwAAAAJ&hl=sv> (h-value 23)

[https://www.researchgate.net/profile/Thomas\\_Hahn5/contributions](https://www.researchgate.net/profile/Thomas_Hahn5/contributions)  
orcid.org/0000-0002-6649-5232

**Note: On average, I worked on average only 40% as researcher since my dissertation 2001 until 2017 due to other (paid) responsibilities (see CV for further details):**

- Director of Studies 2004-2009 including teaching two MSc courses annually (60%);
- Developing and coordinating the interdisciplinary Masters programme 2003-2004;
- Developing the Resilience Research School in 2009, after that coordinating the research school until 2010 and teaching two of the courses;
- Board member of Sveaskog AB 2007-2019 (approx. 5% on a yearly basis);
- Hired to write a governmental report (50% February-November 2013)
- Parental leave for 18 months for three children (2003-2004 and 2007-2010).

## Submitted manuscripts

- Hahn, T., et al. Insurance value of biodiversity in the Anthropocene is the full resilience value. Submitted to Nature Sustainability.
- D'Amato, D., Matthies, B. D., Hahn, T., Toppinen, A. Private governance of biodiversity and ecosystem services by Nordic forest companies. Submitted to Forest Ecology and Management
- M. Fischer, M. Rounsevell, M. Christie, A. Church, M. Elbakidze, V. Elias, T. Hahn, P.A. Harrison, J. Hauck, A. Mader, B. Martín-López, I. Ring, C. Sandström, I. Sousa Pinto, A. Torre-Marín Rando, P. Visconti, N.E. Zimmermann. Transformative options for biodiversity and people in Europe and Central Asia. Submitted to Nature Sust.
- Schultz, M., S. Cornell, T. Hahn, S. Gripenberg. Prosperity – a social-ecological systems perspective. Submitted to Ambio.

## A. Peer-reviewed articles in international journals since 2004

- Hahn, T., Eggers, J., Subramanian, N., Caicoya, A. T., Uhl, E., Snäll, T. 2021. Specified resilience value of alternative forest management adaptations to storms. *Scandinavian Journal of Forest Research*. DOI:10.1080/02827581.2021.1988140
- Koh, N., C. Ituarte-Lima, T. Hahn. 2021. Mind the Compliance Gap: How Insights from International Human Rights Mechanisms Can Help to Implement the Convention on Biological Diversity. *Transnational Environmental Law*. <https://www.doi.org/10.1017/S2047102521000169>
- Suškevičs, M., Hahn, T., Rodela, R. 2019. Process and contextual factors supporting action-oriented learning: A thematic synthesis of empirical literature in natural resource

- management. *Society and Natural Resources*. 32(7), 731-750, doi.org/10.1080/08941920.2019.1569287
- Koh, N.S., **Hahn, T.**, Boonstra, W.J. 2019. How much of a market is involved in a biodiversity offset? A typology of biodiversity offset policies. *Journal of Environmental Management* 232: 679–691. <https://doi.org/10.1016/j.jenvman.2018.11.080>
- 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. *International Environmental Agreements: Politics, Law and Economics*, 18:671–688. 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](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.  
<https://www.ipbes.net/assessment-reports/eca>
- Elbakidze, M., **Hahn, T.**, Zimmermann N. E., Cudlín, P., Friberg, N., Genovesi, P., Guarino, R., Helm, A., Jonsson, B., Lengyel, S., Leroy, B., Luzzati, T., Milbau, A., Pérez-Ruzafa, A., Roche, P., Roy, H., Sabyrbekov, R., Vanbergen, A. and Vandvik, V. 2018. Chapter 4: Direct and indirect drivers of change in biodiversity and nature's contributions to people, pp. 385-570 in IPBES (2018): The IPBES regional assessment report on biodiversity and ecosystem services for Europe and Central Asia. Rounsevell, M., Fischer, M., Torre-Marín Rando, A. and Mader, A. (eds.). Secretariat of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, Bonn, Germany, 892 pages. IPBES/6/INF/6.  
[https://www.ipbes.net/sites/default/files/2018\\_eca\\_full\\_report\\_book\\_v5\\_pages\\_0.pdf](https://www.ipbes.net/sites/default/files/2018_eca_full_report_book_v5_pages_0.pdf)
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