ELIZA MAHER HASSELQUIST

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EDUCATION

Ph.D., Ecology, 2010 - 2015 (25 Sept 2015) Umeå University, Umeå, Sweden
Thesis title: "*Gradients of time and complexity: understanding how riparian and instream ecosystems recover after stream restoration"* Advisor: Christer Nilsson

M.S., Biology, 2002 - 2004 Idaho State University, Pocatello, ID
Thesis title: *"Effects of surrounding vegetation on establishment of conifer seedlings in alpine-treeline ecotones of the Rocky Mountains"* Advisor: Matthew J. Germino

B.S., Biology, 1999, GPA: 3.67/4.0, cum laude Keene State College, Keene, NH

PEER-REVIEWED PUBLICATIONS (née Eliza L. Maher) Publications with a * are from students

1. *Mosquera, V., H. Laudon, M. Blackburn, **E. M. Hasselquist** and R. A. Sponseller. *In press*. Concentration-discharge patterns reveal catchment controls over the stoichiometry of carbon and nutrient supply to boreal streams. *Journal of Geophysical Research: Biogeosciences*
2. Kuglerová, L., G. Nilsson, and **E. M. Hasselquist**. 2023. Too much, too soon? Two Swedish case studies of short-term deadwood recruitment in riparian buffers. *Ambio.*
3. Paul, S. S., **E. M. Hasselquist**, A. Jarefjäll, and A. M. Ågren. 2023. Virtual landscape-scale restoration of altered channels helps us understand the extent of impacts to guide future ecosystem management. *Ambio.*
4. Laudon, H. and **E. M. Hasselquist.** 2023. Applying continuous-cover forestry on drained boreal peatlands; water regulation, biodiversity, climate benefits and remaining uncertainties. *Trees, Forests and People,* 11:100363
5. Nieminen, M., **E. M. Hasselquist**, V. Mosquera, L. Ukonmaanaho, T. Sallantaus, and S. Sarkkola. 2022. Post-drainage stand growth and peat mineralization impair water quality from forested peatlands. *Journal of Environmental Quality* 51: 1211-1221
6. *Mosquera, V., **E. M. Hasselquist**, R. A. Sponseller, and H. Laudon. 2022. Co-occurrence of browning and oligotrophication in a boreal stream network. *Limnology and Oceanography* 67:2325-2339.
7. Ludewig K, Klinger YP, Donath TW, Bärmann L, Eichberg C, Thomsen JG, Görzen E, Hansen W, **Hasselquist EM**, et al. 2022. Phenology and morphology of the invasive legume *Lupinus polyphyllus* along a latitudinal gradient in Europe. *NeoBiota* 78: 185-206.
8. Laudon, H., W. Lidberg, R. Sponseller, **E.M. Hasselquist** et al. 2022. Emerging technology can guide ecosystem restoration for future water security. *Hydrological Processes*, 36(10), e14729.
9. Nieminen, M., S. Sarkkola, **E. M. Hasselquist**, and T. Sallantaus. 2021. Long-Term Nitrogen and Phosphorus Dynamics in Waters Discharging from Forestry-Drained and Undrained Boreal Peatlands. *Water, Air, & Soil Pollution* 232:371.
10. **Hasselquist, E.M.,** L. Kuglerová, J. Sjögren, J. Hjältén, E. Ring, R. A. Sponseller, E. Andersson, J. Lundström, I. Mancheva, A. Nordin, and H. Laudon. 2021. Moving towards multi-layered, mixed-species forests in riparian buffers will enhance their long-term function in boreal landscapes. *Forest Ecology and Management* 493:119254.
11. Nieminen, M., S. Sarkkola, T. Sallantaus, **E. M. Hasselquist**, and H. Laudon. 2021. Peatland drainage - a missing link behind increasing TOC concentrations in waters from high latitude forest catchments? *Science of the Total Environment* 774:145150.
12. Laudon, H., **E. M. Hasselquist,** M. Peichl, K. Lindgren, R. Sponseller, F. Lidman, L. Kuglerová, N. J. Hasselquist, K. Bishop, M. B. Nilsson, and A. M. Ågren. 2021. Northern

landscapes in transition: Evidence, approach and ways forward using the Krycklan Catchment Study. *Hydrological Processes* 35:e14170.

13. Kuglerová, L., **E. M. Hasselquist**, R. A. Sponseller, T. Muotka, G. Hallsby, and H. Laudon. 2021. Multiple stressors in small streams in the forestry context of Fennoscandia: The effects in time and space. *Science of the Total Environment* 756:143521.
14. Norstedt, G., **E.M. Hasselquist,** and H. Laudon. 2021. From Haymaking to Wood Production: Past Use of Mires in Northern Sweden Affect Current Ecosystem Services and Function. *Rural Landscapes: Society, Environment, History*, 8(1), p.2.
15. **Hasselquist, E.M.**, I. Mancheva, K. Eckerberg, and H. Laudon. 2020. Policy change implications for forest water protection in Sweden over the last 50 years. *Ambio;* 49:1341–1351
16. Kozii, N., K. Haahti, P. Tor-ngern, J. Chi, **E. M. Hasselquist**, H. Laudon, S. Launiainen, R. Oren, M. Peichl, J. Wallerman, and N. J. Hasselquist. 2020. Partitioning growing season water balance within a forested boreal catchment using sap flux, eddy covariance, and a process-based model. *Hydrol. Earth Syst. Sci.* 24:2999-3014.
17. Kritzberg, E.S., **E.M. Hasselquist**, M. Škerlep, S. Löfgren, O. Olsson, J. Stadmark, S. Valinia, L.-A. Hansson, and H. Laudon. 2020. Browning of freshwaters: consequences to ecosystem services, underlying drivers, and potential mitigation measures. *Ambio,* 49:375–390
18. Lind, L., **E.M. Hasselquist**, H. Laudon. 2019. Towards ecologically functional riparian zones: A meta-analysis to develop guidelines for protecting ecosystem functions and biodiversity in agricultural landscapes. *Journal of Environmental Management*, 249:109391.
19. **Hasselquist, E.M.**, L.E. Polvi, M. Kahlert, C. Nilsson, L. Sandberg, & B.G. McKie. 2018. Contrasting responses among aquatic organism groups to changes in geomorphic complexity along a gradient of stream habitat restoration: implications for restoration planning and assessment. *Water* 10*,* 1465.
20. **Hasselquist, E.M.**, W. Lidberg, R.A. Sponseller, A. Ågren, & H. Laudon. Identifying and assessing the potential hydrological function of past artificial forest drainage. *Ambio* 47: 546
21. Kuglerová, L.*, **E.M. Hasselquist***, J.S. Richardson, R. Sponseller, D. Kreutzweiser, & H. Laudon. 2017. Management perspectives on *Aqua incognita*: connectivity and cumulative effects of small natural and artificial streams in boreal forests. Invited Commentary in *Hydrological Processes* 1-7. ***shared first-authorship**
22. **Hasselquist, E.M.**, N.J. Hasselquist, J.P. Sparks, & C. 2017. Nilsson. Recovery of nitrogen cycling in riparian zones after stream restoration using δ^{15}N along a 25-year chronosequence in northern Sweden. *Plant and Soil* 410: 423–436
23. **Hasselquist, E. M.**, C. Nilsson, J. Hjältén, D. Jørgensen, L. Lind, & L.E. Polvi. 2015. Time for recovery of riparian plants in restored northern Swedish streams: a chronosequence study. *Ecological Applications*. 25: 1373–1389
24. Nilsson, C., L.E. Polvi, J. Gardeström, **E.M. Hasselquist**, et al. 2015. Riparian and in-stream restoration of boreal streams and rivers: success or failure? *Ecohydrology*. 8*:* 753–764
25. Jørgensen, D., C. Nilsson, A.R. Hof, **E.M. Hasselquist,** S. Baker, F.S. Chapin, K. Eckerberg, J. Hjältén, L.E. Polvi, & L.A. Meyerson. 2014. Policy Language in Restoration Ecology. *Restoration Ecology.* 22: 1–4
26. Polvi, L.E., C. Nilsson, & **E.M. Hasselquist**. 2014. Potential and actual geomorphic complexity of restored headwater streams in northern Sweden. *Geomorphology*. 210: 99–118
27. **Hasselquist, E.M.**, N.J. Hasselquist, & D.L. Rogers. 2013. Management of non-native annual plants to support recovery of an endangered perennial forb, *Ambrosia pumila. Restoration Ecology*. 21: 224–231

28. **Maher, E.L.**, & M.J. Germino. 2006. Microsite differentiation among conifer species during seedling establishment at alpine treeline. *Ecoscience.* 13: 334–341
29. **Maher, E.L.**, M.J. Germino, & N.J. Hasselquist. 2005. Interactive effects of tree and herb cover on survivorship, physiology, and microclimate of conifer seedlings in an alpine-treeline ecotone. *Canadian Journal of Forest Research*. 35: 567–574

RESEARCH EMPLOYMENT

Researcher (2020 – present)
Forest Ecology and Management, Swedish University of Agricultural Sciences, Umeå, Sweden

Visiting External Researcher (2019 – 2020 – 6 months in Helsinki, cut short due to Covid)
Natural Resources Institute Finland (Luke), Helsinki, Finland
As part of my Formas Mobility Grant, I worked with Finnish researchers to evaluate the effect of forest drainage on water quality, namely nutrients.

Postdoctoral Researcher (2015 – 2019)
Forest Ecology and Management, Swedish University of Agricultural Sciences, Umeå, Sweden
Research questions involved determining how traditional forestry affects waterways and wetlands, i.e. peatlands, and trying to determine alternative management strategies. Main project was to work with political scientists and ecologists on a Formas-funded grant to understand how forest policy has affected water quality and forest ecosystems. Developed GIS methods to prioritize ditch network maintenance.

Visiting Researcher (2014-2015)
Aquatic Sciences and Assessment, Swedish University of Agricultural Sciences, Uppsala, Sweden
Spent one month in Uppsala over the course of one year to work with Dr. Brendan McKie and his lab to analyze and write up one of the chapters from my PhD thesis.

Researcher in Residence (2013)
Ecology and Evolutionary Biology, Cornell University, NY, USA
Visited the lab of Dr. Jed Sparks to analyze and interpret N stable isotope data – May 6-19, 2013

Research Assistant (2002 – 2004) *Biology, Idaho State University, Pocatello, ID, USA*

TEACHING EXPERIENCE

Supervision of students (PhD level)
Virginia (Vicky) Mosquera, Co-supervisor, Preliminary PhD Thesis title, "Side by side comparison of the impact of old forest harvest and drainage ditches on water quality," Forest Ecology & Management, SLU, Sweden, Expected defense Fall 2024, Co-supervised with Hjalmar Laudon (main) & Ryan Sponseller

Shirin Karimi, Co-supervisor, Preliminary PhD Thesis title, "Using wetland restoration as a tool to mitigate runoff extremes," Forest Ecology & Management, SLU, Sweden, Expected defense Spring 2024, Co-supervised with Hjalmar Laudon (main), Jan Seibert, and Kevin Bishop

Olivia Anderson, Main supervisor, Preliminary PhD Thesis title, "Interdisciplinary decision support for drained wetlands" Forest Ecology & Management, SLU, Sweden, Expected defense Fall 2026, Co-supervised with Anneli Ågren and William Lidberg

Malgorzata Winkowska, Co- supervisor, Preliminary PhD Thesis title, "Nitrogen cycling in spruce and birch dominated riparian zones" Umeå University, Umeå, Sweden, Expected defense Fall 2026, Co-supervised with Ryan Sponseller (main)

Supervision of students (Masters level)

Elijah Ourth, M.S., Thesis. "Consequences of Alternative Forest Management in Riparian Buffer Zones: A GIS Analysis" Co-supervised with Anneli Ågren. Forest Ecology & Management, SLU, Sweden, June 2023

Eric Lundström. M.S. Thesis. "Major forest companies and owner associations interpretation of policies and certification programs regarding riparian buffer zones" Forest Ecology & Management, SLU, Sweden, June 2023

Jessica Åström, M.S., Thesis. "Evaluating abundance of deciduous trees in production forests along small streams: can Sweden meet current policy goals without intensive management?" Forest Ecology & Management, SLU, Sweden, March 2020

Hanna Glöd, M.S., Thesis: "Forest drainage effects on tree growth in northern Sweden - developing guidelines for Ditch Network Maintenance" Forest Ecology & Management, SLU, Sweden, Feb 2018

Lisa Sandberg, M.S., Thesis: "Effects of restoration on instream bryophyte communities: monitoring of two different restoration techniques in the Vindel River system," Ecology and Environmental Science, Umeå University, Sweden, January 2015

Supervision of students (Bachelors level)

Rasmus Staaf, BS. Thesis. "Sediment transport in small streams is related to riparian buffer width: A comparison between wide and narrow riparian buffers" Forest Ecology & Management, SLU, Sweden, June 2022

Julia Nygårdh & Linnea Larsson, B.S. Thesis: "Riparian buffers and their management through time: Has the composition in riparian zones been affected by previous management since 1963?" Forest Ecology & Management, SLU, Sweden, May 2020

Fanny Everheim, B.S., Thesis: "Effects of stream restoration on riparian bryophytes" Ecology and Environmental Science, Umeå University, Sweden, June 2016

Course Leader

Forest Ecology & Management, Swedish University of Agricultural Sciences (SLU), Sweden
Silviculture: the science of stand management - 15 hp MS-level course. Responsible for co-leading the course for two years (2022 & 2023), the first year as an 'understudy' the second year as the lead.

Guest Lecturer

Forest Ecology & Management, Swedish University of Agricultural Sciences (SLU), Sweden
Sustainable Management of Boreal Forests – Co-lead a 'Water Week' focused on how forestry practices affect water quality, focusing on riparian buffers and ditch network maintenance

Forest politics and nature conservation - Lectured and led field excursion on how forestry practices affect water quality, focusing on riparian buffers and ditch network maintenance – Sept 11-12, 2017

Krycklan PhD Course: Watershed Ecology and Biogeochemistry – Lecture on the forest industry's effects on water, including timber floating, wetland drainage, and DNM – September 2017, 2019, 2022. Helped organize the course in 2022.

Teaching Assistant (2010 - 2015)
Ecology and Environmental Science, Umeå University, Sweden
Taught plant inventory techniques in Ecological Field Methods, keying in Mushroom Identification, and plant anatomy and keying in first-year basic courses. Supervised small research projects in Forest Ecology and Management as well as Ecology (M.S. level).

OTHER RELEVANT EMPLOYMENT EXPERIENCE

Nature Preserve Manager (2004 – 2009) *Center for Natural Lands Management, Riverside, CA, USA*
Involved with all aspects of nature preserve management on 11 preserves designated as compensation for federally or state protected plant and animal species. Managed an annual budget of $300,000 and supervised three Assistant Preserve Managers and five contractors. Preserve management involved design and implementation of biological monitoring, including literature searches, plant inventories and rare plant identification and monitoring, control of non-native plants and animals, design and supervision of restoration projects, property management, public outreach, and writing annual work plans and reports. Published outcomes from experimental management at regional conferences and in a peer-reviewed journal (Hasselquist et al. 2013).

Forestry Technician (2001 – 2002) *Los Alamos National Laboratory, Los Alamos, NM, USA*
Conducted vegetation field surveys as part of a field crew that assessed the 1-year post-Cerro Grande Fire conditions in the Jemez Mountains of Northern New Mexico. Piñon-juniper woodlands, ponderosa pine stands, and mixed conifer forests of various burn severities were surveyed. Characterized and calculated overstory in plots by identifying tree species, verifying tree ages, calculating heights, measuring DBH, and identifying various diseases (including fungal and insect infestations). Identified vegetation to species along line intercept transects. Conducted transects to inventory dead and downed fuel.

SIGNIFICANT GRANTS - Affiliation of coapplicant listed if not from SLU, Umeå

FORMAS special call: Links between climate, water and biodiversity 2023. **12.5M SEK. 13% of my annual salary for 4 years.** 10/2023-9/2027. AquaBioEx: How to protect what we do not know we have: Identifying, understanding and managing aquatic biodiversity in intensively managed forests and under an increasingly extreme climate. Main applicant: Lenka Kuglerová, coapplicants: Eliza Maher Hasselquist, Jose Gutierrez Lopez, Maria Kahlert (SLU, Ultuna), Brendan McKie (SLU, Ultuna), Kaisa-Riika Mustonen (U of Oulu, Finland)

Stora Enso – SLU Long-term Research Collaboration Grant. **2M SEK.** 9/2023-8/2025 Biodiverse Buffers: Follow-up of the 'Målbilder' after 10 years. Main applicant: Eliza Maher Hasselquist, coapplicant: Lenka Kuglerová

FORMAS special call: New forest management practices for multiple societal goals. **10M SEK.** 1/2023-12/2026. Blue Leads Green: Using blue infrastructure to lead the way to a better forested green infrastructure. Main applicant: Eliza Maher Hasselquist, coapplicants: Francisco Aguilar (SLU), Luis Andrés Guillén Alm (SLU, Alnarp), Lenka Kuglerová, Hjalmar Laudon, Therese Löfroth, Irina Mancheva (Umeå University), Robert Spitzer, Anneli Ågren

Future Forests. **500t SEK**, 1/2022-12/2023. Blue Green Infrastructure (BGI): Understanding the operations, costs, and acceptance of expanding riparian buffers along small streams using continuous cover forestry. Main applicant: Eliza Maher Hasselquist, coapplicants: Gudmund Vollbrecht (SLU, Alnarp) and Lenka Kuglerová

FORMAS special call: From research to implementation for a sustainable society 2021. **3.6M SEK**, **20% of my annual salary for 3 years**. 12/2021-11/2023. MUST DEFINE: Using a MUltiple STakeholder Dialog and Experiments to reFINE the Swedish Strategic Management Objectives for forest buffers along streams. Main applicant: Lenka Kuglerová,

coapplicants: Eliza Maher Hasselquist, Eva Ring (Skogforsk), Elisabet Andersson (Swedish Forest Agency), Andreas Renöfält (SCA)

FORMAS special call: The roll of Swedish forests in climate adaption 2021. **16M SEK, 17% of my annual salary for 4 years**. 11/2021-10/2025. BOM: Barriers and Opportunities to Managing forest ditches for climate – Research, Up-scaling, & Legislation. Main applicant: Hjalmar Laudon, coapplicants: Eliza Maher Hasselquist, Järvi Järveoja, Matthias Peichl, Camilla Sandström (Umeå University), Ryan Sponseller (Umeå University), Anneli Ågren.

FORMAS. **3M SEK, 5% of my salary annually for 3 years.** 1/2022-12/2024. The spruce-buffer syndrome: should we prioritize deciduous trees in riparian buffer zones of boreal streams? Main applicant: Ryan Sponseller (Umeå University), coapplicants: Eliza Maher Hasselquist, Lenka Kuglerová, Hjalmar Laudon

Skogskällskapet. **1M SEK**. 2021-2022. BIO-REACT: Biochar reactors to purify forest runoff water in managed peatland forests - efficiency of novel biochar feedstocks. Main applicant: Eliza Maher Hasselquist, coapplicants: Michael Gundale, Marjo Palviainen (University of Helsinki), Virginia Mosquera (PhD student), Hjalmar Laudon

Water Joint Programming Initiative (JPI) 2018 JOINT CALL, **3 M SEK.** (Swedish share of large international collaboration) 2018-2023. REFORM WATER: Reducing the Effects of FORest Management to inland WATERs. Main applicant: Jukka Pumpanen (University of Eastern Finland), coapplicants: 16 researchers from five different countries. Eliza Maher Hasselquist and Hjalmar Laudon represented Sweden.

FORMAS Mobility Starting Grant. **3M SEK**. 2018-2023. Optimizing digital tools for balancing forest productivity and water quality when managing drained boreal forests. Main applicant: Eliza Maher Hasselquist

SLU Forest research fund. **73t SEK**. 2017. DitchFlowTracker: soil sampling to support prioritization of ditch cleaning tool. Main applicant: Eliza Maher Hasselquist

Skogssällskapet. **426t SEK.** 2017. A field test of the "DitchFlowTracker" to prioritize forest drainage ditch maintenance for sustainable forest management. Main applicant: Eliza Maher Hasselquist

AWARDS

2021 Stipend from King Carl XVI Gustaf's 50th Anniversary Fund for Science, Technology and the Environment. **85 000 SEK**

PRESENTATIONS

2019 **Hasselquist. E.M** and H. Laudon. Side-by-side comparison of the effects of management of old forest drainage ditches on water quality & quantity: cleaning vs. ecological restoration vs. left alone. Poster Presentation. *Gordon Conference on Catchment Science: Interactions of Hydrology, Biology and Geochemistry.* Proctor Academy, NH, USA

2018 **Hasselquist E. M**. A field test of flow accumulation models to prioritize forest drainage ditch maintenance for sustainable forest management on peatlands. Oral presentation. *29th Dendroecological Field Week*. Lonjsko Polje, Croatia.

2016 Co-organizer of and speaker within a special session and workshop entitled, **"**Ditch Network Maintenance (DNM): consideration of ecosystem services and production" *Annual Krycklan Symposium*, Umeå, Sweden.

2015 **Hasselquist E. M.**, C. Nilsson, N.J. Hasselquist, J. Hjältén, D. Jørgensen, J.P. Sparks, et al. Changes in plant communities and N cycling in riparian zones along a chronosequence of restored streams. Oral presentation. *Ecological Society of America*. Baltimore, MD.

- Organizer of Special Session entitled, "Accelerating the pace of knowledge gain in restoration ecology: perspectives from ecological and social scientists, consultants, and practitioners" *Annual Swedish Oikos Meeting*, Umeå, Sweden.

2014 **Hasselquist E. M.**, C. Nilsson, J. Hjältén, D. Jørgensen, L. Lind, L.E. Polvi. Species richness of riparian plants increases with time after restoration of N Swedish streams. Oral presentation *Society for Ecological Restoration 9th European Conference*. Oulu, Finland.

- **Hasselquist, E.M.** Good controls, time, adaptive management, and scale: factors affecting the scope and interpretation of stream restoration research in N Sweden. Oral Presentation. *Vindel River LIFE Conference*. Lycksele, Sweden

2011 **Hasselquist, E.M.**, C. Nilsson, and D. Jørgensen. Evaluating processes in older stream restoration sites to measure restoration outcomes. Poster Presentation. *Restoring the North (ReNo) - International conference on restoration of damaged ecosystems in northern regions.* Selfoss, Iceland.

2009 **Maher**, **E.L.**, S.A. Auer, and D.L. Rogers. Conservation Easements on Natural Areas: The Role of Non-Profit Organizations. Poster Presentation. *California Native Plant Society Conservation Conference*, Sacramento, CA.

2006 **Maher**, **E.L.** and E.J. Stanton. Response of the endangered San Diego ambrosia (*Ambrosia pumila*) to removal of competition from non-native plants. Oral presentation. *California Invasive Plant Council Symposium*. Rohnert Park, CA.

2005 **Maher, E.L.** and E.J. Stanton. Blurring edges: A test of weed control methods used along edges of sage scrub patches to encourage shrub colonization into abandoned agricultural fields. Poster presentation. *California Invasive Plant Council Symposium*. Chico, CA.

2004 **Maher, E.L.** and M.J. Germino. Stress level and species identity influence effects of surrounding vegetation on conifer seedling establishment in an alpine-treeline ecotone. Oral presentation. *Ecological Society of America Meeting*. Portland, OR.

2003 **Maher, E.L.** and M.J. Germino. Variation in sky exposure and establishment of conifer seedlings at the alpine-treeline ecotone across three ranges in the Rocky Mountains. Poster presentation. *Ecological Society of America Meeting*. Savannah, GA.

INVITED PRESENTATIONS

2020 "Bridging the Baltic – using Finnish experience to better manage drained forests in Sweden" Natural Resources Institute Finland (Luke), Feburary 14, 2020, Helsinki, Finland

2016 Länsstyrelsen Västerbotten. Stream Restoration Department – May 10, Umeå, Sweden.

- Natural Science Seminar Series, Keene State College, April 4, Keene, NH, USA.

2015 Skogsstyrelsen , Dialogue about land and water, October 19-20, Umeå, Sweden

- Miljöövervakningsdagarna, September 30 – October 1, Sandviken, Sweden

POPULAR SCIENCE PUBLICATIONS & MEDIA (with links in blue)

2021 Skogen överfull av grävda diken. Västerbottens Kuriren.

2020 Hur hanteras små vattendrag vid skogsavverkning i nordliga områden? Fakta Skog Nr 5

- Nya studier: Brist på hänsyn till vattendrag i svenskt skogsbruk Natursidan.se

2019 Forskare kraftsamlar kring skyddszoner. SLU news

- Nytt verktyg visar vilka diken som är värda att rensa *Skogsvärden* nr 2

2018 Hur påverkas vattnet av tusentals mil av skogsdiken? In Skogen och Vattnet part of the *Future Forests Film Series* #vimåstepratoomskogen

2016 Inte nödvändigt att underhålla alla diken *Skog & Framtid* nr 2

2015 Stream Restoration: Ecological Repair Could Take 25+ Years. *Nature World News*

ADMINISTRATIVE EXPERIENCE

Umeå Campus Coordinator, Future Forests Platform (May 2021 – present 20% salary)
Swedish University of Agricultural Sciences (SLU), Sweden
Organize webinars, workshops, field trips, and campus events in Umeå for students that promotes interdisciplinary work in forests. Platform secretary.

International Committee, SLU Forest Faculty (2021-present)
Swedish University of Agricultural Sciences (SLU), Sweden
Represent Department of Forest Ecology and Management in committee that determines future directions of internationalization efforts at the Forest Faculty, evaluated grant applications for internal SLU internationalization grants

Topic area lead, BECFOR PhD Research School (July – December 2020, 10% salary)
Swedish University of Agricultural Sciences (SLU), Sweden
Organized PhD student field trips and seminar series, participated in a mentoring program within the topic area "Forest Management & Silviculture", Bioeconomy-adapted Forest Management (BECFOR)

PhD Teaching Allocation Administrator (2010 – 2014, 10% salary)
Ecology and Environmental Science, Umeå University, Sweden
Was one of two PhD students who allocated teaching hours to PhD students to ensure that teaching is distributed fairly among all PhD students.

SERVICE

CLImB Changing Land use Impact on Biodiversity expert group member (March 2021 -)
Volunteering to help advise Ecogain (environmental consulting group) on a voluntary method to evaluate and mitigate for impacts to biodiversity associated with development and forestry.

SLU Future Faculty – 2018-2019 – member of the Steering Board

SOFTWARE COMPETENCE

Statistical and graphing software: R, SPSS, SigmaPlot, PC ORD, SAS, PAST
GIS: ArcGIS, QGIS
Other: ImageJ, GLA

IMPORTANT PRACTICAL INFORMATION

Immigration status: Citizen of both USA and Sweden
Languages: English – native speaker, Swedish – limited working proficiency
Parental leave: 12 months each with 20121028-5787 & 20160620-8278
Sick leave: (due to the death of my husband): 6 months in 2021