|  |  |  |
| --- | --- | --- |
| Max Lindmark | | Swedish University of Agricultural Sciences | Department of Aquatic Resources | Turistgatan 5, 453 30 Lysekil, Sweden | +46104784173 | [max.lindmark@slu.se](mailto:max.lindmark@slu.se) | [max.lindmark@tutanota.com](mailto:max.lindmark@tutanota.com) | [maxlindmark.netlify.com](https://maxlindmark.netlify.com) | <https://github.com/maxlindmark> | <https://twitter.com/max_lindmark> |
| Professional positions  Education | 2020 Jun -  2022 Jun  2016 Feb -  2020 May  2014-2015  2011-2014 | **Postdoctoral researcher**  **Swedish University of Agricultural Sciences**,  Department of Aquatic Resources (SLU Aqua), Institute of Marine Research  **Swedish University of Agricultural Sciences**,  Department of Aquatic Resources (SLU Aqua), Institute of Coastal Research, PhD Student,  Supervisors: Anna Gårdmark, Jan Ohlberger (co-supervisor), Magnus Huss (co-supervisor)  **University of Aberdeen**, MRes Applied Marine and Fisheries Ecology (Distinction). Degree project: *Predicting spatial distribution of fish stocks by updating informative survey-based priors with commercial data in a Bayesian framework*  **University of Gothenburg**, BSc Biology (2:1 equivalent). Majority of courses completed with pass with special distinction |
| Publications | 4.  3.  2.  1. | **Lindmark, M**., Ohlberger, J., and Gårdmark, A. 2020. Optimum growth temperature declines with body size within fish species. *BioRxiv*. doi: <https://doi.org/10.1101/2021.01.21.427580>  Huss, M., **Lindmark, M.**, Jacobson, P., van Dorst, R., Gårdmark, A. 2019. Experimental evidence of gradual size-dependent shifts in body size and growth of fish in response to warming. *Global Change Biology*, 25, pp. 2285–2295  **Lindmark, M**., Ohlberger, J., Huss, M. and Gårdmark, A. 2019. Size-based ecological interactions determine effects of warming on food web stability. *Ecology Letters*, 22(5), pp. 778–786  **Lindmark, M**., Huss, M., Ohlberger, J. and Gårdmark, A. 2018. Temperature‐dependent body size effects determine population responses to climate warming. *Ecology letters*, 21(2), pp. 181-189 |
| In prep |  | Thunell, V., **Lindmark, M**., Huss, M., and Gårdmark, A. Effects of warming on intraguild predator communities with ontogenetic diet-shifts (*in review, AmNat*)  **Lindmark, M.**, Audzijonyte, A., Blanchard, J. L. and Gårdmark, A. Bottom up and top down effects of temperature on body growth, population size spectra and yield. (*thesis chapter*)  **Lindmark, M**., Anderson, S. C. and Casini, M. Evaluating drivers of spatiotemporal changes in the condition of Eastern Baltic cod. (*in prep*)  **Lindmark, M**., Karlsson, M., and Gårdmark, A. Larger but younger fish when growth compensates for higher mortality in warmed ecosystem (*In prep*) |
| ICES working groups  Non peer-reviewed publications |  | WGGRAFY: joint ICES/PICES Working Group on Impacts of Warming on Growth Rates and Fisheries Yields (WGGRAFY). *Chair-invited member*  Havs- och vattenmyndigheten 2019. Fisk- och skaldjursbestånd i hav och sötvatten 2018. Resursöversikt. Havs- och vattenmyndighetens rapport 2019:4. Göteborg, 305 s.  Havs- och vattenmyndigheten 2018. Fisk- och skaldjursbestånd i hav och sötvatten 2017. Resursöversikt. Göteborg, 273 s.  Havs- och vattenmyndigheten 2016. Fisk- och skaldjursbestånd i hav och sötvatten 2016. Resursöversikt |
| Honors and awards | 2019  2018  2016  2015  2014  2014  2010 | **Sven och Dagmar Saléns stiftelse** (Travel grant) (5 616 SEK)  **Knut and Alice Wallenbergs foundation** (Travel grant) (24 000 SEK)  **SLU** **funds for internationalization of graduate education** (Travel grant) (28 000 SEK)  **Lindsay Laird Prize**, In recognition of all-round performance in the Applied Marine and Fisheries Ecology program throughout the year. Awarded jointly with another student.  **Fishmongers’ Award**, Scholarship recipient, full fees payment (£3400) awarded to 1 MRes/MSc student on academic merit by the Fishmongers’ Company  Stipend from **Gothenburg Biological Society** for well accomplished bachelor’s thesis: *By-catch in pelagic fisheries: A study on by-catch in Swedish herring fisheries on the west coast in the winter of 2013/2014*  Stipend awarded for academic achievement (top 10% of science students in class): Stiftelsen Hvitfeldtska gymnasiets samfond |
| Research visits | 2017  Mar-Jun | **School of Aquatic and Fishery Sciences (SAFS), University of Washington (UW)**. Attended course Mathematical Ecology (prof. Mark Kot) and collaborated with Jan Ohlberger (PhD advisor) |
| Teaching | 2019  2018-2019  2018-2019  2018  2017  2016 | Teaching assistant, **Sustainability perspectives on contemporary fisheries. Where have all the fishes gone?** (Lecture on climate impacts on global fisheries)  Teaching assistant, **Ecology for fish management and conservation** (wrote R lab *Population dynamics and harvesting,* lecture on fish morphology, physiology, and energetics, exam questions and marking)  Teaching assistant, **Principles in Fisheries Science** (wrote R lab *Impacts of fishing in an ecological context*)  **LunchR** A department wide R course in data wrangling and plotting (4x1 hour). Solely initiated and organized together with student colleague Philip Jacobson  Teaching assistant, **Ecology for fish management and conservation** (supervising case study, providing R-code for computer lab on stage-structured biomass dynamics under harvesting)  Teaching assistant, **Ecology for fish management and conservation** |
| Supervision | 2019  2016 | **Malin Karlsson (Master’s degree project, main supervisor)**  The effect of temperature on life history traits of perch (*Perca fluviatilis*) in a large scale natural climate change experiment and its implications for population age- and size structure?  **Mattias Grunander (Master’s degree project, co-supervisor)**  Effects of global warming on Eurasian perch (*Perca fluviatilis*) in the Baltic Sea. - Does the growth response to increased temperatures differ along a latitudinal gradient? |
| Conferences | 2019 Aug  2019 Jun  2019 Feb  2018 Apr  2018 Feb  2017 Feb | **Baltic Sea Science Congress, Stockholm (Talk)**  *Warming alters the effect of fishing on the size spectra of an exploited temperate food web*  **Society for Experimental Biology (Satellite:** **Is global warming causing animals to shrink? evidence, mechanisms and models), Seville (Talk)**  *Physiological constraints to growing large in warm waters?*  **Swedish Oikos Meeting, Uppsala (Talk)**  *Physiological constraints to growing large in warm waters?*  **Models in Population Dynamics, Ecology, and Evolution (MPDEE’18), Leicester (Talk)** *Species interactions determine effects of warming on stability in a stage-structured food chain*  **Nordic Oikos Meeting, Trondheim (Talk)** *Species interactions determine effects of warming on stability in a stage-structured food chain*  **Swedish Oikos Meeting, Lund (Talk)**  *Climate change and size-structured populations. Temperature dependent allometry and ontogenetic asymmetry shape warming responses of size structured populations* |
| Reviewed for: |  | ICES Journal of Marine Science (5) | Oikos (2) | Ecology (1) | Scientific Reports (1) | Functional Ecology (1) |
| Workshops organized | 2019  2018 Oct  2018 Mar | **Making graphics in R for popular report on status of fishes in Swedish**  **Modelling population dynamics** Organizeda session on *Numerical continuation analysis of a predator-prey model*  **LunchR** Organizeda department wide 4-session long lunch workshop on plotting and data manipulation in R (organized together with Philip Jacobson) |
| Academic service | 2019  2014-2015  2014-2015 | **PhD Representative** Department  **Class representative Applied Marine and Fisheries Ecology, MRes** I represented students’ opinions and views on the program in regular meetings with course- and program coordinators at the University of Aberdeen  **Student Ambassador Applied Marine and Fisheries Ecology** I communicated with prospective students, mostly through social media |
| Outreach | 2016-2020  2017 Sep  2017 Nov  2014 May  2011-2014  2011-2014 | **Co-managing research group’s Instagram account @fishinfoodwebs**  **SLU 40th Anniversary, Uppsala** (Poster) Climate change and size-structured populations. Temperature dependent allometry and ontogenetic asymmetry shape warming responses of size structured populations  **Science evenings (high school), Östhammar municipality** (Talk) Effects of warming on fishes  **Gothenburg Biological Society** Popular talk at the Gothenburg Museum of Natural History on bycatch in small scale pelagic fisheries on the west coast of Sweden  **Swedish Society for Nature Conservation** I have given public talks (presenting on the topic of toxins in the Baltic herring in 2014) at local festivals (*go: TO SEA and Västerhavsveckan*)  Arranged seminar (4\*2 per year) series at the Gothenburg Museum of Natural History with invited speakers, covering all things marine |
| Other | 2018 | **Initiator and admin of department wide R-users** mailing list. (w. Philip Jacobson) |