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Peer-reviewed Publications

Grønbæk, L., Lindroos, M., Munro, G., Pintassilgo, P., & Turrís, B. (2023). The avoidance of unwanted catch and cooperation: the case of the British Columbia groundfish trawl fishery. *ICES Journal of Marine Science*, 80(3), 483-491. <https://doi.org/10.1093/icesjms/fsac005>

Saleh, Q. W., Grønbæk, L., Kronborg, C., Lauridsen, J. T., & Tepel, M. (2021). Kidney function, future health costs, and quality-adjusted life-years in kidney transplant recipients transplanted during the SARS-Cov-2 lockdown in Denmark - An observational study: An observational study. *Heliyon*, 7(12), Article e08489. <https://doi.org/10.1016/j.heliyon.2021.e08489>, <https://doi.org/10.1016/j.heliyon.2021.e08489>

Debrabant, K., Grønbæk, L., & Kronborg, C. (2021). The Cost-Effectiveness of a COVID-19 Vaccine in a Danish Context. *Clinical Drug Investigation*, 41(11), 975-988. <https://doi.org/10.1007/s40261-021-01085-8>

Lai, T.-Y., Lindroos, M., Grønbæk, L., & Romakkaniemi, A. (2021). The role of food web interactions in multispecies fisheries management: Bio-economic analysis of salmon, herring and grey seal in the Northern Baltic Sea. *Environmental and Resource Economics*, 79, 511-549. <https://doi.org/10.1007/s10640-021-00571-z>

Grønbæk, L., Lindroos, M., Munro, G., & Pintassilgo, P. (2018). Game Theory and Fisheries. *Fisheries Research*, 203, 1-5. <https://doi.org/10.1016/j.fishres.2017.11.027>

Pintassilgo, P., Laukkanen, M., Grønbæk, L., & Lindroos, M. (2018). International fisheries agreements and non-consumptive values. *Fisheries Research*, 203(July), 46-54. <https://doi.org/10.1016/j.fishres.2017.07.004>

Ellefsen, H., Grønbæk, L., & Ravn-Jonsen, L. (2017). On International Fisheries Agreements, Entry Deterrence, and Ecological Uncertainty. *Journal of Environmental Management*, 193, 118-125. <https://doi.org/10.1016/j.jenvman.2017.01.044>

Nieminen, E., Kronbak, L. G., & Lindroos, M. (2016). International Agreements in the Multispecies Baltic Sea Fisheries. *Environmental and Resource Economics*, 65(1), 109-134. <https://doi.org/10.1007/s10640-015-9933-x>

Oinonen, S., Grønbæk, L., Laukkanen, M., Levontin, P., Lindroos, M., Nieminen, E., Parkkila, K., Pintassilgo, P., Pulkkinen, H., & Romakkaniemi, A. (2016). International Fisheries Management and Recreational Benefits: The Case of Baltic Salmon. *Marine Resource Economics*, 31(4), 433-451. <https://doi.org/10.1086/687987>

Pintassilgo, P., Kronbak, L. G., & Lindroos, M. (2015). International Fisheries Agreements: A Game Theoretical Approach. *Environmental and Resource Economics*, 62(4), 689-709. <https://doi.org/10.1007/s10640-014-9850-4>

Jensen, F., Kronbak, L. G., & Abildtrup, J. (2014). On avoidance activities in fishery enforcement models. *Natural Resource Modeling*, 27(2), 216-234. <https://doi.org/10.1111/nrm.12031>

Kronbak, L. G., Squires, D., & Vestergaard, N. (2014). Recent Developments in Fisheries Economics Research. *International Review of Environmental and Resource Economics*, 7(1), 67-108. <https://doi.org/10.1561/101.00000057>

Kronbak, L. G., & Vestergaard, N. (2013). Environmental cost-effectiveness analysis in intertemporal natural resource policy: Evaluation of selective fishing gear. *Journal of Environmental Management*, 131, 270-279. <https://doi.org/10.1016/j.jenvman.2013.09.035>

Kronbak, L. G., & Lindroos, M. (2012). Allocation and sharing in international fisheries agreements. *Food Economics*, 9(3), 186-198. <https://doi.org/10.1080/2164828X.2012.757219>

Kronbak, L. G., & Jensen, F. (2011). An empirical investigation of compliance and enforcement problems: The case of mixed trawl fishery in Kattegat and Skagerrak. *Acta Agriculturae Scandinavica, Section C - Food Economics*, 8(1), 59-73. <https://doi.org/10.1080/16507541.2011.566420>

Kronbak, L. G., & Lindroos, M. (2011). On Species Preservation and Non-Cooperative Exploiters. *Strategic Behavior and the Environment*, 1(1), 49-70. <https://doi.org/10.1561/102.00000004>

Hutniczak, B., & Kronbak, L. G. (2011). The Two-sector Economic Problem Of Persistent Organic Pollution and Baltic Sea Salmon Fisheries. *Consilience*, 6(1), 113-132. <http://www.consiliencejournal.org/>

Brandt, U. S., & Kronbak, L. G. (2010). On the stability of fishery agreements under exogenous change: An example of agreements under climate change. *Fisheries Research*, 101, 11-19.

Jensen, F., & Kronbak, L. G. (2009). **RANDOM PENALTIES AND RENEWABLE RESOURCES** : A MECHANISM TO REACH OPTIMAL LANDINGS IN FISHERIES. *Natural Resource Modeling*, 22(3), 393-414. <https://doi.org/10.1111/j.1939-7445.2009.00042.x>

Kronbak, L. G., Nielsen, J. R., Jørgensen, O. A., & Vestergaard, N. (2009). Bio-economic evaluation of implementing trawl fishing gear with different selectivity. *Journal of Environmental Management*, 90(11), 3665-3674. <https://doi.org/10.1016/j.jenvman.2009.07.008>

Kronbak, L. G., & Lindroos, M. (2007). Sharing Rules and Stability in Coalition Games with Externalities. *Marine Resource Economics*, 22(2), 137.

Kronbak, L. G., & Lindroos, M. (2006). An Enforcement-Coalition Model: Fishermen and Authorities forming Coalitions. *Environmental and Resource Economics*, 35(3), 169-194.

Kronbak, L. G. (2005). The Dynamics of an Open Access: The case of the Baltic Sea Cod Fishery. *Marine Resource Economics*, 19(4), 459-479.

Kronbak, L. G. (2004). The Dynamics of an Open Access: The case of the Baltic Sea Cod Fishery. *Marine Resource Economics forthcoming*, 19(4), 459-480.

Working Papers

Kronbak, L. G., & Jensen, F. (2008). *Cost and Benefit of Control Strategies - Estimation of Benefit functions, enforcement-probability function and enforcement-cost function*. Paper presented at The EAFE workshop on Fishery Governance and Cost of Enforcement, Alghero, Italy.

Kronbak, L. G., & Sørensen, N. K. (2007). *The Costs of a Persistent Pollutant in an Optimally Regulated Fishery*. Paper presented at Annual EAFE Conference, University of Iceland, Iceland. <http://www.eafe2007.hi.is/pdf/Abstracts.pdf>

Brandt, U. S., & Kronbak, L. G. (2006). *Robustness of Sharing Rules under Climatic Changes - The case of International Fisheries Agreement*. Paper presented at IIFET 2006 Portsmouth: Rebuilding Fisheries in an Uncertain Environment, Portsmouth, United Kingdom.

Activities

17th International Conference of the Institute of Fisheries Economics and Trade

Lone Grønbæk (Participant)
7. Jul 2014 → 11. Jul 2014

An Empirical Investigation of Compliance and Enforcement Problems: The Case of Mixed Trawl Fishery in Kattegat and Skagerrak

Lone Grønbæk (Lecturer)
2. Oct 2009

Bæredygtig udvikling

Lone Grønbæk (Lecturer)
18. Aug 2009

Challenges in International Fisheries Agreements

Lone Grønbæk (Guest lecturer)
Apr 2013

COBECOS: the case of mixed trawl fishery in Kattegat and Skagerrak

Lone Grønbæk (Lecturer)
11. Sept 2009

Co-management and the possibility of cooperative self-enforcement

Lone Grønbæk (Guest lecturer)
Jul 2017

EAFE Workshop on International Agreements in the Fisheries Sector

Melina Kourantidou (Organizer), Hans Ellefsen (Organizer), Bertrand Le Gallic (Organizer), Lone Grønbæk (Organizer) & Marko Lindroos (Organizer)
May 2018

EAFE Workshop on International Agreements in the Fisheries Sector

Lone Grønbæk (Organizer)
15. May 2018 → 16. May 2018

Eighteenth Biennial Conference of the International Institute of Fisheries Economics and Trade

Lone Grønbæk (Organizer), Marko Lindroos (Organizer), Gordon Munro (Organizer) & Pedro Pintassilgo (Organizer)
Jul 2016

Essays in fishery management

Lone Grønbæk (Examiner)
2019 → ...

Essays on game theory and fisheries management

Lone Grønbæk (Examiner)
2020 → ...

External Examiner

Lone Grønbæk (Examiner)
2018 → ...

External Examiner

Lone Grønbæk (Examiner)
2017 → ...

Får vi det, vi tror vi køber?: Oplæg om markeder og markedsformer

Lone Grønbæk (Lecturer)
11. Nov 2009

Fisheries Research (Journal)

Lone Grønbæk (Peer reviewer), Marko Lindroos (Peer reviewer), Gordon Munro (Peer reviewer) & Pedro Pintassilgo (Peer reviewer)
2018

Fisheries Research (Journal)

Lone Grønbæk (Peer reviewer)
2017 → 2018

Game Theory

Lone Grønbæk (Organizer)
2. Oct 2014 → 3. Oct 2014

Game Theory - Economics and Mathematics 2019

Andrés Salamanca (Organizer), Lone Grønbæk (Organizer), Peter Sudhölter (Organizer) & Rafael Treibich (Organizer)
2019

Game Theory - Economics and Mathematics 2019

Andrés Salamanca (Participant), Peter Sudhölter (Participant), Rafael Treibich (Participant) & Lone Grønbæk (Participant)
Jul 2019 → Oct 2019

Har vi en bæredygtig udvikling?: En økonomisk vinkel

Lone Grønbæk (Lecturer)
18. Nov 2009

IIFET 2018 - International Institute of Fisheries Economics & Trade

Lone Grønbæk (Organizer)
16. Jul 2018 → 20. Jul 2018

IIFET 2018 - International Institute of Fisheries Economics & Trade

Lone Grønbæk (Participant)
16. Jul 2018 → 20. Jul 2018

Interational fisheries agreements and non-consumptive values

Lone Grønbæk (Guest lecturer)
7. Dec 2017

International Institute of Fisheries Economics and Trade Conference

Lone Grønbæk (Participant)
16. Jul 2012 → 20. Jul 2012

KnowSeas First Scientific Meeting

Lone Grønbæk (Participant)
5. Apr 2010 → 9. Apr 2010

MARmaED PhD course 3rd training

Lone Grønbæk (Participant)

13. Mar 2018

Member of Assessment Committee PhD defence

Lone Grønbæk (Examiner)

19. May 2017

Microeconomics (Organisational unit)

Lone Grønbæk (Chairman)

Aug 2016 → ...

Miljøøkonomiske Konference 2018

Lone Grønbæk (Participant)

23. Aug 2018 → 24. Aug 2018

PhD course: Game Theory and Fisheries

Lone Grønbæk (Guest lecturer)

2007 → 2018

PhD defense at UiT, The Arctic University of Norway

Lone Grønbæk (Examiner)

9. Jun 2021

Portuguese Foundation for Science and Technology (External organisation)

Lone Grønbæk (Member)

11. May 2009 → ...

Syddansk Universitets Boghandel (External organisation)

Lone Grønbæk (Member (Appointed by SDU))

Aug 2017 → ...

The International Institute of Fisheries Economics and Trade (IIFET) (External organisation)

Lone Grønbæk (Member)

1. Jul 2012 → 1. Jul 2016

The International Institute of Fisheries Economics and Trade (IIFET) (External organisation)

Lone Grønbæk (Member)

2018

Two-period Coalition Stage-Model of Fisheries with Enforcement

Lone Grønbæk (Guest lecturer)

Jul 2014

University of Helsinki (External organisation)

Lone Grønbæk (Member)

19. May 2009 → 28. Oct 2009

University of Southern Denmark (External organisation)

Lone Grønbæk (Member)

1. Dec 2008 → 1. Mar 2009

University of Southern Denmark (External organisation)

Lone Grønbæk (Chairman)

Jul 2014 → Jan 2017

My research is outlined within three different fields, all related to marine resources.

My core research field is the application of game theory to the management of marine resources, with the offset in the interaction and conflicts connected to the exploitation of marine resources. I have worked with strategic behavior from a quantitative point of view, constructing theoretical models to enlarge our knowledge in the field of game theory and externalities and testing the models to the Baltic Sea fisheries. My ongoing research deals with dynamic game theory, stage games and harvesting rights schemes.

My second field of research is about economics evaluation of policy interventions in fisheries management. I apply well-known tools for evaluation, like cost-benefit analysis or cost-effectiveness analysis and modify these to be applicable to fisheries management. The tools then allow for evaluating the effects of policy interventions and link these effects to the consequences on fish stocks. The tools for evaluation have been tested on the mixed trawl fishery in Kattegat and Skagerrak.

My third field of research deals with enforcement of fisheries regulations. I apply the theory of stage games where authorities and fishermen make decisions on different stages. Also, I have been working empirically with models for enforcement in different fisheries in Kattegat and Skagerrak.