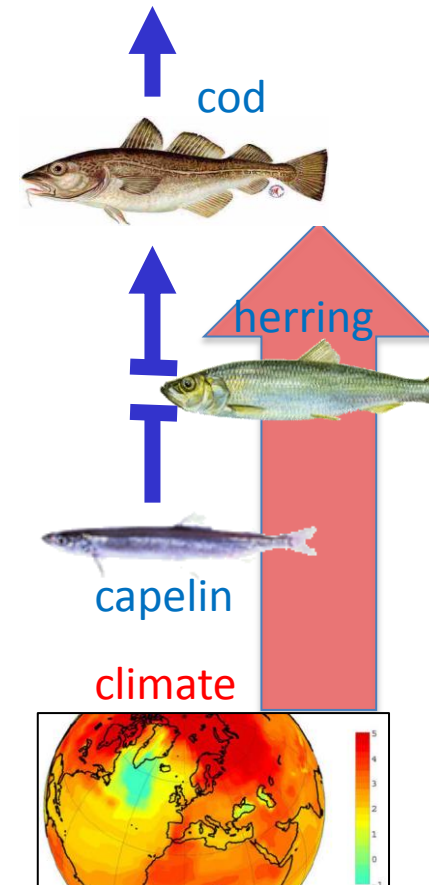


The economic consequences of climate change, stock collapse, and multi-species interactions in the Barents Sea fishery

- Do you like to cross disciplinary boundaries? We are looking for a motivated, open-minded, and qualified master student to join our team of two biologist (Dag Hjermann and Joel Durant) and one economist (Florian Diekert).
- Barents Sea north of Norway and Russia is a highly productive, yet vulnerable ecosystem. It is home to one of Europe's most important fisheries. Speaking simply, cod feeds on capelin, but capelin larvae are in turn eaten by young herring, which is much influenced by climatic conditions. Probably due to a combination of overfishing and climate change, the capelin stock has collapsed several times in the last decades. In this project, we ask:
 1. What were the economic cost of the recent capelin collapses?
 2. What are the expected effects of climate change on the bio-economic performance of the system?
 3. What are cost- and benefits of alternative management scenarios?
- The project is based at CEES (Dep. of Biology), a Norwegian Centre of Excellence with around 130 scientists and staff (ecologists, statisticians, economists etc.) from over 20 nationalities.
- Interested? Contact Florian Diekert (f.k.diekert@bio.uio.no, room 1138)



Possible topics

Andreas Kotsadam

Room 1038

Andreas.Kotsadam@econ.uio.no

- Empirical development economics
 - E.g. Credit and risk, Evaluation of pension programs, Effects of family law.
- Trafficking and prostitution
 - E.g. Where are people trafficked from and why? What determines the demand for prostitution?
- Eldercare in Norway (possibilities for funding)
 - E.g. effects of informal care on employment.

Master project in environmental economics in coop. with Norwegian Institute for Nature Research (NINA)



NINA (www.nina.no) coordinates an EU project entitled: “Assessing the role of economic instruments in policy mixes for biodiversity conservation and ecosystem services provision” (<http://policymix.nina.no/>).

NINA is looking for 1-2 competent environmental economics master students as part of the Norwegian case study. Three specific thesis tasks:

- Cost-benefit analysis of expanding the voluntary forest conservation network in Norway – based on *empirical analysis of existing survey and other data*.
- Assessment of distributional/equity impacts of state to municipal fiscal compensation for local conservation efforts. *Some theory, some empirical analysis*
- Theoretical/conceptual issues in the economics of biodiversity and ecosystem services. *Theoretical/conceptual thesis*.

The project will cover some costs and data collection and option for a desk at NINA at CIENS (right across the bridge from Blindern). There may be options for paid work on other projects.

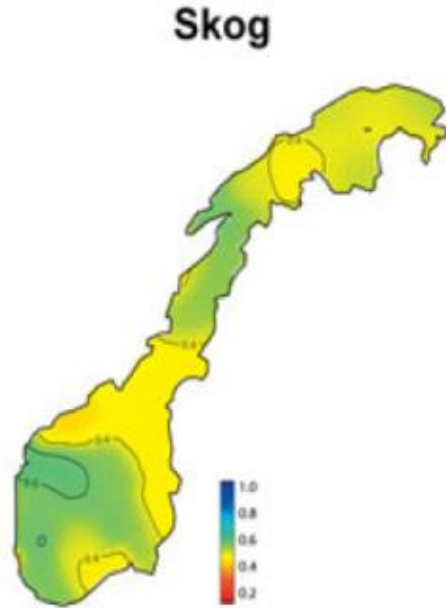
If interested, contact Henrik Lindhjem (henrik.lindhjem@nina.no) or David Barton (david.barton@nina.no).



1. CBA of forest conservation

- What are the costs and benefits of forest and biodiversity conservation in Norway?
- Regression analysis on
 - Survey data on Willingness to pay for conservation
 - Various data on opportunity costs of conservation
- Compare costs and benefits and recommend "optimal" level
- Mostly empirical thesis

2. Incentives for local conservation efforts



- Possible to reward municipalities for conservation efforts
- Based on disaggregated version of the Norwegian Nature Index
- Investigate distributional and other impacts of different designs of the "transfer key".
- Some theory, som empirical analysis.

Source:
Naturindeksen
(DN 2010)

3. Theoretical issues in ecosystem services regulation



- Valuation and regulation of biodiversity and ecosystem services → frontier in environmental economics
- Thesis will discuss various challenges to ES in economics
 - General equilibrium issues
 - Behavioural economics issues
 - Irreversibility, "system flops"
 - Discounting
 - Etc
- Mostly theoretical/conceptual thesis

Latin America projects

- Gender effect of land titling and redistribution
 - 1280 HH cross section, experiments, cualitative
 - How do women control HH income?
 - www.perulandgender.nibrinternational.no
- Conflict over natural resources in Peru
 - How minority blocks majority interests
- "Chavonomics"
 - Political economy of polarized Venezuela
- Like to join with master thesis?
 - Send (i) CV (ii) grades/courses and (iii) 10 lines on your interest within these headlines to henrik.wiig@nibr.no
 - Support /contacts for fieldwork 😊 but no financing 😞
 - Spanish an absolute and "comparative" advantage

Frisch and CREE scholarships

- What is the Frisch Centre and CREE?
- What do the scholarships involve?
 - 20 000 NOK, office space (3-4 months) and supervision
 - Application deadline 1. March
 - Application should include
 - CV
 - Up-to-date grades
 - Description of planned subject area/research question

What scholarships are available?

- CREE scholarship (more info: cree.no)
 - Thematically oriented: Environment, energy, climate
 - Up to 3 scholarships per year
 - Office space at the Frisch Centre, the Econ department or SSB (Statistics Norway)
- Frisch scholarship (more info: frisch.no)
 - Subject areas within the project portfolio of the Frisch Centre are prioritized (e.g., empirical labor economics, environment/energy)
 - Office space at the Frisch Centre

Research Department at Statistics Norway

Research areas and units

- Energy and environmental economics
 - Environmental economics (*Taran Fæhn, tfn@ssb.no*)
 - Energy economics (*Mads Greaker, mgr@ssb.no*)
- Macroeconomics
 - Macroeconomics (*Torbjørn Eika, tea@ssb.no*)
- Microeconomics
 - Microeconomics (*Rolf Aaberge, roa@ssb.no*)
 - Public economics (*Nils Martin Stølen, nms@ssb.no*)
- Social and demographic research
 - Social and demographic research (*Kjetil Telle, tel@ssb.no*)
- Statistical methods and standards*
 - Statistical methods and standards (*Jan Bjørnstad, jab@ssb.no*)

Web pages: English: <http://www.ssb.no/english/research>
Norwegian: <http://www.ssb.no/forskning>

Unit for Macroeconomics

Research fields

- Time-series econometrics
 - Econometrics combines economic theory and statistics in the analysis and testing of economic relations. Time series econometrics brings the temporal dimension into play, enabling a distinction between short and longer-term relations between economic variables.
- Macro econometric modelling
 - Macro econometric modelling combines various econometric analyses of time series. Furthermore, the macro econometric models have input-output relations connecting the model's product supply to its applications. There is an emphasis on using the conceptual and definitional terminology used for the national accounts.
- Business cycle analysis and forecast
 - Macroeconomic models and other methods are used to shed light on driving forces in the Norwegian economy over the short and medium term. Business cycle reports, including normally three- or four-year forecast, are published quarterly in Economic Survey. Analyses of historical developments are also conducted at irregular intervals.

Unit for Macroeconomics

Master thesis

- Recent topics
 - The housing market
 - Private consumption
 - Norwegian export and the Euro
- Possible topics
 - Modelling income flows in the housing sector
 - Business cycles
 - Norges Banks interest rate setting
- Payed/unpayed
- Interested?
 - www.ssb.no/forskning og www.ssb.no/english/research
 - Contact Torbjørn Eika, tea@ssb.no