



# GRANT R. McDERMOTT

## contact

Department of Economics,  
Prince Lucien Campbell Hall,  
1285 University of Oregon,  
Eugene, OR 97403-1285

+1 541 346 1334   
@grant\_mcdermott   
grantmcd@uoregon.edu   
www.grantmcdermott.com 

## appointments

Assistant Professor of Economics, University of Oregon, 2017–Present.  
Postdoctoral Scholar, University of California Santa Barbara, 2015–2017.

## education

Ph.D., Economics, Norwegian School of Economics, 2015.  
M.Sc., Economics & Business Administration, Norwegian School of Economics, 2011.  
M.Sc., International Management, CEMS, 2011.  
B.Com. (Hons.), Economics, University of Cape Town, 2005.  
B.Bus.Sc., Marketing, University of Cape Town, 2004.

## research

*Fields and interests*  
Environmental economics and data science

### *Journal articles*

- “Alternate explanations for the blue paradox do not withstand statistical scrutiny.” With K.C. Meng, G.G. McDonald, and C.J. Costello. *Proceedings of the National Academy of Sciences*, 115 (52) E12124–E12125, 26 December 2018.
- “The blue paradox: Preemptive overfishing in marine reserves.” With K.C. Meng, G.G. McDonald, and C.J. Costello. *Proceedings of the National Academy of Sciences*, 116 (12) 5319–5325, 19 March 2019.
- “Protecting marine mammals, turtles and birds by rebuilding global fisheries.” With M.G. Burgess, B. Owashi, L.E. Peavey, T. Clavelle, D. Ovando, B.P. Wallace, R.L. Lewison, S.D. Gaines, and C.J. Costello. *Science*, 359(6381), 1255–1258, 16 March 2018.
- “Five rules for pragmatic blue growth.” With M.G. Burgess, M. Clemence, S.D. Gaines, and C.J. Costello. *Marine Policy*, 87(2018) 331–339, January 2018.
- “Resolving Disputes over Ocean Calamities.” With M.G. Burgess. *BioScience*, 65(12), 1115–1116, 1 December 2015.
- “Electricity Prices, River Temperatures and Cooling Water Scarcity.” With Ø.A. Nilsen. *Land Economics*, 90(1), 131–148, 1 February 2014.

### *Working papers*

- “Sceptic priors and climate consensus.” *Revised and resubmitted.*
- “Hydro power. Market might.”

### *Selected works in progress*

- “The value of mass information: Search in the Google era.” With C.J. Costello and M.B. Ward.

### *Report chapters*

- “South Africa Compliance Analysis.” With J. Morrissey and D. Mendelsohn, in “Governing Global Climate Change: St Petersburg Compliance Report for the ‘G8 Plus Five’ Countries”, M. Banda and J. Langille (eds.), G8 Final Compliance Report 2007, Oxford: G8 Research Group Oxford, 1 June 2007. xiii + 190 pp.
- “The Current Status of the EPWP (Infrastructure) in the Western Cape.” With A. McCord, K. Adonis and L. Van Dongen. Prepared for the Western Cape Provincial Treasury &

**talks**

- 2020 Allied Social Science Association (ASSA) meetings; Reed College; Triangle Resource and Environmental Economics (TREE) seminar
- 2018 University of Hawaii at Manoa; UCSB Occasional Workshop; Oregon Institute of Marine Biology
- 2017 UCSB Occasional Workshop; Oregon State University; Association of Environmental and Resource Economists (AERE) Summer Conference (pre-conference workshop)
- 2016 AERE Summer Conference
- 2015 Econometric Applications in Climatology Workshop
- 2014 World Congress of Environmental and Resource Economists (WCERE)
- 2013 Nordic Econometric Meeting (NEM); Bergen Economics of Energy & Environment Research (BEEER)
- 2012 Norwegian National Research School in Business Economics & Administration (NFB) conference; International Energy Workshop; BEEER
- 2011 NEM

**grants**

- UO Data Science Initiative (co-PI with Ed Rubin), 2019
- CenSES (Research Council of Norway, #209697), 2018
- Professor Wilhelm Keilhaus Memorial Fund, 2014–2015
- Norges Bank fund for economic research, 2014–2015
- NHH PhD Research Scholarship, 2011–2015
- Norwegian Government Scholarship, 2009–2011

**teaching**

- Ph.D. Data Science for Economists (EC 607)
- M.Sc. Big Data in Economics (EC 510)
- B.Sc. Environmental Economics (EC 434/534), Intermediate Microeconomic Theory (EC 311)

**service**

*Refereeing*

Energy Economics; Energy Policy; Journal of Econometrics, Journal of Environmental Economics and Management; Marine Policy; Natural Resource Modeling; Scandinavian Journal of Economics, Water Resources Research

*Recruitment*

UO junior faculty search (2017/18)

*Conferences*

TWEEDS organising committee ([tweeds.io](https://tweeds.io))

**non-academia**

- 2017 Lotic Labs, *Consultant*, United States
- 2009 NKC Independent Economists, *Economist*, South Africa
- 2008 Millennium Cycle for Change, *Expedition member*, Cairo to Cape Town
- 2007 IBM Global Financing, *Field sales executive*, United Kingdom
- 2006 South Africa Labour Development Research Unit, *Researcher*, South Africa

**software**

R, Stata, Git(Hub), GIS, Python, SQL, Bash, some JavaScript and Julia. Various products within the Google Cloud Platform for handling and analysing big data (BigQuery, Compute Engine, Earth Engine, etc.)

LAST UPDATED: MARCH 2021