

## EDF staff peer-reviewed publications

### 2013

Arrow, K., M.L. Cropper, C. Gollier, B. Groom, G.M. Heal, R.G. Newell, W.D. Nordhaus, R.S. Pindyck, W.A. Pizer, P. Portney, **T. Sterner**, R. Tol and M.L. Weitzman. "How Should Benefits and Costs Be Discounted in an Intergenerational Context?" *Review of Environmental Economics and Policy*, In Review.

Brinson, Mark, R. Reinhardt, R. Ferrell, B. Duncan, L. Hobbs, D. McNaught, J. Phelan, and **D. Rader**. 2013. A rapid watershed assessment approach for assessing the condition of small coastal watersheds: Protocol and case study. *Ocean & Coastal Management*, 71:238-255.

Carlsson F., M. Kataria, A. Krupnick, E. Lampi, Å. Löfgren, P. Qin, **T. Sterner**. 2013. "A Fair Share: Burden-Sharing Preferences in the United States and China" *Resource and Energy Economics*, 35: 1– 17.

**Fujita, R.**, D. Thornhill, C. Cooper, and K. Karr. Assessing and managing ornamental fisheries in coral reefs. In review, *Conservation Biology*.

Hammar, H. , **T. Sterner** and S. Åkerfeldt, "Sweden's CO2 tax and taxation reform experiences" in Genevey, R., Pachauri, R., Tubiana, L. (2013) A planet for life 2013 – Unsustainable Inequalities, (Provisional title), TERI Press, New Delhi, February 2013.

**Lubowski, R.N.** and S.K. Rose. 2013. "The Potential of REDD+: Key Economic Modeling Insights and Issues." *Review of Environmental Economics and Policy* 7(1): 67-90.

M. Gleason, E.M. Feller, M. Merrifield, S. Copps, **R. Fujita**, M. Bell, S. Rienecke, and C. Cook. 2013. A transactional and collaborative approach to reducing effects of bottom trawling. *Conservation Biology* 00(0): 1-10.

**Small-Lorenz, S.L.**, L.A. Culp, T.B. Ryder, T.C. Will, P.P. Marra. 2013. A blind spot in climate change vulnerability assessments. *Nature Climate Change*, 3: 91-93.

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Adamski, K.A., J.A. Buckel, **G.B. Martin**, D.W. Ahrenholz, and J.A. Hare. 2012. Use of otolith microstructure to determine early life history traits in post-larval and juvenile gag (*Mycteroperca microlepis*) from North Carolina, USA. *Bulletin of Marine Science*. 88(4):1-16

**Alvarez, R.A.**, S. W. Pacala, J. J. Winebrake, W. L. Chameides, **S.P. Hamburg** 2012 Greater focus needed on methane leakage from natural gas infrastructure. *Proceedings of the National Academy of Sciences*, 109, 17:6435-6440.

Alvarez, R.A., S. W. Pacala, J. J. Winebrake, W. L. Chameides, **S.P. Hamburg** 2012 Reply to Caldeira and Myhrvold: Radiative forcing is a useful, accepted metric to compare climate influence of alternative energy choices *Proceedings of the National Academy of Sciences* 109 (27):

Blum, J.D., **S.P. Hamburg**, R.D. Yanai and M.A. Arthur 2012 Determination of foliar Ca/Sr discrimination factors for six tree species and implications for Ca sources in northern hardwood forests. *Plant and Soil* 356:303-314.

Busch, J., **R. Lubowski**, F. Godoy, M. Steininger, A.A. Yusuf, K. Austin, J. Hewson, D. Juhn, M. Farid, and F. Boltz. "Structuring Economic Incentives for Reducing Emissions from Deforestation within Indonesia," *Proceedings of the National Academy of Sciences* 9(4): 1062-1067 (2012).

Buzcu-Guven, Birnur & **R. Harriss**. 2012. Extent, impacts and remedies of global gas flaring and venting, *Carbon Management*, 3:95-108

Carlson, F., Asa Löfgren, **Thomas Sterner**. 2012. Discrimination in Scientific Review: A Natural Field Experiment on Blind versus Non-Blind Reviews. *The Scandinavian Journal of Economics*, 114:2, 500-519

Carpenter, S.R., K. J. Arrow, S. Barrett, R. Biggs, W.A. Brock, A. Crépin, G. Engström, C. Folke, T.P. Hughes, N. Kautsky, C.Z. Li, G. McCarney, K. Meng, K.G. Mäler, S. Polasky, M. Scheffer, J. Shogren, **T. Sterner**, J.R. Vincent, B. Walker, A. Xepapadeas, A. de Zeeuw, "General Resilience to Cope with Extreme Events", *Sustainability* **2012**, 4; doi:10.3390/su40x000x 1

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Cournane, J.M., **J.P. Kritzer** and S.J. Correia. 2012. Spatial and temporal patterns of anadromous alosine bycatch in the US Atlantic herring fishery. *Fisheries Research* (in press)

Corbett, J.J., Deans, E., Silberman, J., **Morehouse, E., Craft, E., Norsworthy, M.** 2012. Panama Canal Expansion: Emission changes from possible U.S. West Coast modal shift. *Carbon Management Journal* (in press)

Corbett, J.J., Deans, E., Silberman, J., **Morehouse, E., Craft, E., Norsworthy, M.** 2012. Panama Canal Expansion: emission changes from possible US west coast modal changes. *Carbon Management Journal*, 3 (6): 569-588.

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**Fine, James**, Christopher Busch, Remy Garderet (2012) The upside hedge value of California's global warming policy given uncertain future oil prices. *Energy Policy* 44, p. 46-51

Fischer, C & **T Sterner**.2012. "Climate Policy, Uncertainty, and the Role of Technological Innovation", *Journal of Public Economic Theory*, Vol 14(2):285–309

<http://onlinelibrary.wiley.com/doi/10.1111/jpet.2012.14.issue-2/issuetoc>

Fischer,C, A Torvanger, M K Shrivastava, **T Sterner**, P Stigson. 2012. How should support for Climate-friendly Technologies be designed, *Ambio* 41:33-45

**Freeman, A.M.**, Constible, J., In Press. Atchafalaya Swamp, Louisiana, in: Howarth, R.W. (Ed.), *Biomes and Ecosystems: An Encyclopedia*. Salem Press.

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**Fujita, R.**, J.H. Moxley, H. DeBey, **T. Van Leuvan**, A. Leumer, K. Honey, S. Aguilera, and M. Foley. 2012. Managing for a resilient ocean. *Marine Policy*, 38:538-544.

**Fujita, R.**, J. Lynham, F. Micheli, P.G. Feinberg, L. Bourillon, A. Saenz-Arroyo, and A.C. Markham. 2012. Ecomarkets for conservation and sustainable development in the coastal zone. *Biological Reviews*, doi: 10.1111/j.1469-185X.2012.00251.x

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Groffman, P.M., L.E. Rustad, P.H. Templer, J.L. Campbell, L.M. Christenson, N.K. Lany, A.M. Soggi, M.A. Vadeboncoeur, P.G. Schaberg, G.F. Wilson, C.T. Driscoll, T.J. Fahey, M.C. Fisk, C.L. Goodale, M.B. Green, **S.P. Hamburg**, C.E. Johnson, M.J. Mitchell, J.L. Morse, L.H. Pardo, N.L. Rodenhouse. 2012. Long-Term Integrated Studies Show That Effects of Climate Change are Manifest in Complex and Surprising Ways in the Northern Hardwood Forest. *Bioscience*. (In Press)

**Hamburg, S.P.**, M.A. Vadeboncoeur, A.D. Richardson, A.S. Bailey 2012 Climate change at the ecosystem scale: A 50-year record in New Hampshire. *Climatic Change* 116: 457-477. doi:10.1007/s10584-012-0517-2

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**Kritzer, J.P.**, and J.M. Cournane. 2012. Organismal biology in the age of ecosystem-based management. *American Fisheries Society Symposium* (in press)

Levine, C.R., R. D. Yanai, M.A. Vadeboncoeur, S. P. Hamburg, A.M. Melvin' C.L. Goodale, B.M. Rau' D.W. Johnson . 2012 Assessing the suitability of rotary cores for sampling in rocky soils. *Soil Science Society of America Journal* 76(5): 1701-1718.

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**Wagner**, G., K. Gillingham, M.J. Kotchen, D.S. Rapson. 2012. Energy Policy: Rebound Effect is over-played, *Nature*.

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Bosetti, Valentina, **Ruben Lubowski**, Alexander Golub, and Anil Markandya. 2011. "Linking Reduced Deforestation and a Global Carbon Market: Implications for Clean Energy Technology and Policy Flexibility," *Environment and Development Economics*, FirstView: 1-27.

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