

DR. BEN GROOM

HIGHER EDUCATION

- 09/2000-06/2005** **Department of Economics, University College London.**
PhD Economics
- Title: Applied Economics of Resource Conservation: **Part I:** Discounting and Intergenerational Equity. **Part II:** Biodiversity Conservation and Deforestation.
- 09/1995 - 09/1996** **Department of Economics, University College London.**
MSc Environmental and Resource Economics
- Degree Class: Distinction
- 09/1992 - 07/1995** **Department of Economics, Sheffield University.**
BA honours Economics
- Degree Class: II:1

ACADEMIC EXPERIENCE

- 09/2012 – to date** **Department of Geography and Environment, London School of Economics (LSE).**
Associate Professor in Environment and Development Economics
- 06/2015 - 07/2015** **VATT, University of Helsinki, Finland.**
Visiting researcher
- 03/2005-09/2012** **Department of Economics, School of Oriental and African Studies, University of London.**
Research Associate (present day), Lecturer in Economics (09/2005-03/2009), Senior Lecturer in Economics (03/2009-09/2012)
- 01/2009-08/2009** **Universidad Autonoma de Barcelona, Departament de Economia Aplicada**
Visiting scholar
- 09/2001 - 07/2004** **Department of Economics, University College London.**
Teaching Assistant
- Undergraduate Environmental and Resource Economics
 - Undergraduate Law and Economics

PROFESSIONAL EXPERIENCE

- 03/2014-12/2015** **Organisation for Economic Cooperation and Development (OECD) www.oecd.org**
Consultant
- Improving the use of economic instruments for water management in the republic of Buryatia (Lake Baikal Basin) Reports 1-3.
- 10/2014-05/2015** **World Water Council (WCC)**
Consultant
- Water and Green Growth report: presented at the World Water Forum 2015
- 04/2011 - 04/2014** **School of Oriental and African Studies, University of London**
Consultant
- Empirical analysis of promotions procedures

PROFESSIONAL EXPERIENCE CONT'D

- 04/2012** **The Environment Agency**
Consultant
 ■ Review of groundwater management modelling exercise
- 04/2008-09/2008** **Asian Development Bank (ADB) and Chinese Ministry of Environmental Protection (MEP)**
Consultant
 ■ Advisor on 50 year macro environmental plan: water resource management.
- 09/2007-10/2008** **WWF Pakistan**
Consultant
 ■ Total Economic Value study for wetlands on the Indus River (Indus for All Programme)
- 11/2003 – 2006** **China Council for International Cooperation on Environment and Development (CCICED) and Beijing University.**
Researcher
 ■ Environment and poverty group: project on the distributional effects of environmental pricing
- 06/2000 - 11/2003** **Centre for Socio-Economic Research on the Global Environment (CSERGE), London**
www.cserge.ucl.ac.uk
Research Fellow on EU 5th Framework funded projects:
 ■ Biodiversity and Economics for Conservation (BIOECON): www.bioecon.ucl.ac.uk
 ■ EMERGE: www.mountain-lakes.org
 ■ Cyprus Integrated Water Management Project
- 08/2002-09/2002** **OXERA Consultants, Oxford.** www.oxera.co.uk
Consultant to the Office of the Deputy Prime Minister
 ■ Report on the economic arguments for time varying discount rates for Cost-Benefit Analysis. Contributed to the Treasury Green Book for CBA: greenbook.treasury.gov.uk
- 06-07/2004 – & 06-07/2002** **International Institute for Environment and Development (IIED), London.** www.iied.org.uk
Consultant
 ■ Background research on International Tradable Quotas for sturgeon and caviar
 ■ Researching potential for funding of forest plantation projects in Cameroon
- 05/2000 - 07/2000** **Mokoro Consultants, Oxford.** www.mokoro.org
Consultant for World Bank to the United Nations Mission in Kosovo (UNMIK)
 ■ Public Expenditure Management Advice to the Central Fiscal Authority, Pristina
 ■ Strategic Planning Advice to the Public Utilities Authority, Pristina
- 01/1998 - 01/2000** **Overseas Development Institute (ODI), London.** www.odi.org
ODI Fellow: ODI Fellowship Scheme:
 ■ Posting: Department of Water Affairs, Ministry of Agriculture, Water and Rural Development, Windhoek, Namibia
- 10/1997-11/1997** **Overseas Development Institute (ODI), London.**
Research Assistant
 ■ Sustainable management of micro-watersheds in India
- 12/1996-01/1997** **Natal Parks Board (NPB), Petermaritzberg, Natal, South Africa**
Research Assistant
 ■ Contingent valuation study of the dis-amenity of congestion in the Sodwana Bay National Marine Reserve

PROFESSIONAL POSITIONS AND ASSOCIATIONS

- BIOdiversity and Economics for CONservation Network ([BIOECON](#)). Chair of the Scientific Committee and co-organiser of [BIOECON 16](#) and [BIOECON 17](#) conferences.
- Member of the American Economic Association (AEA). Member of the Royal Economic Society (RES). European Association of Environmental and Resource Economists (EAERE)
- On the scientific board at [ICRE8](#).
- Food Security: The Science, Sociology and Economics of Food Production and Access to Food, Springer. Associate Editor. [Editorial Board](#)
- Centre for Water and Development, SOAS. [Research Associate](#)

PROFESSIONAL INVITATIONS AND EVENTS

- [UCSIA](#) Annual Teaching Chair, with University of Antwerp. Invitation, proposed for Autumn 2016.
- ‘Combating Climate Change: Lessons from Macro-Economics’. Tinbergen Institute, Amsterdam, April 2016.
- EnvEcon Conference of the UK Network of Environmental Economists (UKNEE). Invited Plenary Session on Cost-Benefit Analysis lead by HM Treasury. March 18th 2016. [EnvEcon 2016 Programme](#).
- Theory and Environment Workshop. University of Oslo. March 2016. Invited.
- United Nations Environment Programme (UNEP). Invited speaker at Workshop on ‘Mainstreaming ecosystem services into country's sectoral and macroeconomic policies and programmes’. Geneva, February 2016.
- European Association of Environmental and Resource Economists Annual Conference, Helsinki, June 2015. Thematic Session entitled ‘Inter-generational decision-making: How to treat Uncertainty and Disagreement’. [EAERE 2015](#)
- Princeton University, ‘The Future of Children: Children and Climate Change’. [Conference of Authors](#), March 2015.
- Ministry of Finance, Financial and Economic Policy Directorate, Government of the Netherlands, Working Group on Cost Benefit Analysis. Invited expert on social discounting. The Hague, January 2015. Report.
- ‘Beyond IPCC - Future Paths for Climate Research’. Invited talk, University of Gothenburg, October 2014.
- [Tiger-Forum](#) / International Transport Economics Association (ITEA) conference: Keynote/expert panel on cost benefit analysis of long-term transport infrastructure. Toulouse, June 2014. [Link](#)
- ‘Mitigate we Might, Adapt we Must!– Climate Change, Water and Food Security in Pakistan’. Expert panel at the Lahore University of Management Science (LUMS), April 2014. [Link](#)
- OECD International Transport Forum: Member of Working Group on the Assessment of Policies for Long-Term Transition to Sustainable Transport, Paris, December 2013. [Link](#). [Report](#) December 2015.
- Department for Environment Food and Rural Affairs (DEFRA), Economic Advisory Panel. Presentation on Biodiversity Offsetting. December 2013.
- HM Treasury Seminar entitled “[Social Discounting in the UK](#)”. June 17th, 2013. Jointly organised with Loughborough University.
- Norwegian Ministry of Finance, May 2012. Panel member for workshop on Intergenerational Discounting. <http://nyttekost-web.sharepoint.com/Pages/HomeDay2.aspx>
- Chinese Economics Association Annual Conference 2012: Keynote Speaker. [CEAUK](#)
- USEPA and Resources for the Future (RFF), Washington, September 2011. Invited panel member for workshop on intergenerational discounting. [RFF Seminar](#)

PUBLICATIONS

ARTICLES

- Freeman M.C. and **Groom B** (forthcoming). 'How certain are we about the certainty equivalent long-run social discount rate?' *Journal of Environmental Economics and Management*.
- Dietz S, **Groom B** and Pizer W (2016). 'Weighing the costs and benefits of climate change to our children.' *Future of Children*, 26(1), pp133-55. [Special issue](#) on climate change, Olivier Deschenes and Janet Currie (eds), Princeton-Brookings.
- Freeman M C, **Groom B** and Zeckhauser R (2015). 'Better Signals, Better Allocations: Scientific Advances and Adaptation to Climate Change'. *Philosophical Transactions of the Royal Society A*, Volume 373, Issue 2055. [PTRANSA](#)
- Freeman M C, **Groom B**, Panipoulou K and Pantelides T (2015). 'Declining Discount Rates and the Fisher Effect: Inflated Past, Discounted Future'. *Journal of Environmental Economics and Management*. 73, pp.32-49.
- Freeman M C and **Groom B** (2015). 'Positively Gamma Discounting: Combining the Opinions of Experts on the Social Discount Rate'. *The Economic Journal*. Volume 125, Issue 585, pp. 1015–1024, [F&G \(2015\)](#). [Media summary from Royal Economic Society](#).
- Cropper M L, Freeman M C, **Groom B** and Pizer W (2014). 'Declining Discount Rates'. *American Economic Review: Papers and Proceedings*, 104(5): pp. 538-43.
- Groom B and Tak M (2015). 'Welfare Analysis of Changing Food Prices: A Nonparametric Examination of Rice Policies in India'. *Food Security*, 7(1), pp. 121-141 [Groom and Tak \(2015\)](#)
- Arrow, Kenneth J., Maureen L. Cropper, Christian Gollier, **Ben Groom**, Geoffrey M. Heal, Richard G. Newell, William D. Nordhaus, Robert S. Pindyck, William A. Pizer, Paul R. Portney, Thomas Sterner, Richard S. J. Tol and Martin L. Weitzman (2014). 'How Should Benefits and Costs be Discounted in an Intergenerational Context?' *Review of Environmental Economics and Policy*, 8(2) pp. 145-163. [Arrow et al \(2014\)](#). [Editor's Choice](#).
- Freeman M C and **Groom B** (2014). 'Using Equity Premium Survey Data to Estimate Future Wealth'. *Review of Quantitative Finance and Accounting*, 45(4), pp. 665-693. [Freeman and Groom 2014 RQFA](#)
- **Groom B** and Palmer C (2014). 'Relaxing Constraints as a Conservation Policy', *Environment and Development Economics*. 19(4) , pp 505-528, [Groom and Palmer \(2014\)](#),
- Arrow, Kenneth J., Maureen L. Cropper, Christian Gollier, **Ben Groom**, Geoffrey M. Heal, Richard G. Newell, William D. Nordhaus, Robert S. Pindyck, William A. Pizer, Paul R. Portney, Thomas Sterner, Richard S. J. Tol and Martin L. Weitzman (2013). 'Determining Benefits and Costs for Future Generations'. *Science*, 341 (6144). pp. 349-350.
- Freeman M C and **Groom B** (2013). 'Biodiversity and the Discounting Problem'. *Accounting, Auditing and Accountability Journal*, 26(5), pp. 715-745, [Freeman and Groom \(2013\)](#).
- Swanson T and **Groom B** (2012). 'Regulating Global Biodiversity: What's the problem?', *Oxford Review Economic Policy* 28(1): pp. 114-138, DOI:10.1093/oxrep/grs003
- Groom B and Palmer C (2012). 'REDD+ and Rural Livelihoods.' *Biological Conservation*, 154, pp. 42-52 [Groom and Palmer \(2012\)](#).
- Gatti J.R.J, Goeschl T, **Groom B** and Swanson T (2011). 'The Biodiversity Bargaining Problem'. *Environmental and Resource Economics*, 48(4), pp. 609-630.
- **Groom B** and Palmer C (2010). Cost Effective Provision of Environmental Services: The Importance of Market Constraints. *Environment and Development Economics*, 15(2), pp. 219-240.

PUBLICATIONS CONT'D

- **Groom B**, Grosjean P, Kontoleon A, Swanson T and Zhang S (2010). 'Relaxing Constraints with Compensation: A win-win policy for poverty and environment in China?'. *Oxford Economics Papers*, 62(1), pp. 132-156.
- **Groom B**, Koundouri P, Nauges C and Thomas A (2008). 'The Story of the Moment: Risk Averse Cypriot Farmers respond to Drought Management'. *Applied Economics*, 40, pp. 315-326.
- Hepburn C and **Groom B** (2007). 'Gamma Discounting and Expected Net Future Value'. *Journal of Environmental Economics and Management*, 53(1), pp. 99-109.
- **Groom B**, Koundouri P, Panipoulou K and Pantelides T (2007). 'Declining Discount Rates: How much does model selection affect the certainty equivalent discount rate?' *Journal of Applied Econometrics*, 22(3), pp. 641-656.
- **Groom B**, Kontoleon A, Swanson T (2007). 'Valuing Complex Goods: Or, can you get anything out of experts other than a decision?'. *Research in Law and Economics*, 23, pp. 301-331.
- **Groom B**, Hepburn C, Koundouri P and Pearce D (2005). 'Declining Discount Rates: the long and the short of it'. *Environmental and Resource Economics*, 32(4), pp. 445-493.
- Gatti J.R.J, Goeschl T, **Groom B** and Swanson T (2005). 'Incentivizing Ecological Destruction: The Joint International Regulation of the Conservation and Use of Biodiversity'. *Indiana Law Review*, 38(3), pp. 619-635.
- Pearce D, **Groom B**, Hepburn C and Koundouri P (2003). 'Valuing the Future: Recent Advances in Social Discounting'. *World Economics*, 4(2), pp. 121-141.
- **Groom B** and Swanson T (2003). 'Missing Markets and Redundant Reservoirs: Dams as a Consequence of Inefficient Groundwater Management Policies'. *Environmental and Resource Economics*, 26(1), pp. 125-144.

CURRENT REVISIONS AND SUBMISSIONS

- **Groom B** and Hepburn C (2016). 'Looking back at Social Discount Rates: The Influence of Papers, Presentations and Personalities on Policy'. Accepted proposal for the Review of Environmental Economics and Policy.
- Drupp M, Freeman M C, **Groom B** and Nesje F (2015). 'Discounting Disentangled: An Expert Survey on the Components of the Long Term Social Discount Rate. Grantham Research Institute on Climate Change and the Environment Working Paper No. 172. Under review
- **Groom B** and Maddison D J (2013). 'Non-identical Quadruplets: Four New Estimates of the Elasticity of Marginal Utility for the UK'. Centre for Climate Change Economics and Policy Working Paper No. 141. Revise and Resubmit.
- Cavatorta E and **Groom B** (2015). 'Preferences and Exposure to Shocks: Evidence from a Natural Experiment in Palestine'. Economic Research Forum (ERF) [Working paper](#) and conference paper 6th Maastricht Behavioural and Experimental Economics Symposium (M-BEES 2013) Theory and Experiments [Conference link](#). Under Review.
- Andersen L, **Groom B**, Gutierrez D, Killick E, Ledezma J C, Palmer C and Weinhold D (2014). 'Modelling land use, deforestation, and policy analysis: A hybrid optimization-ABM heterogeneous agent model with application to the Bolivian Amazon'. Centre for Climate Change Economics and Policy Working Paper No. 186. Revise and Resubmit.
- Gorst A, **Groom B** and Dehlavi A (2015). 'Crop productivity and adaptation to climate change in Pakistan'. Centre for Climate Change Economics and Policy Working Paper No. 214. Under Review.

PUBLICATIONS CONT'D

SELECTED DRAFTS AND WORKING PAPERS

- Drupp M, Freeman M C, **Groom B** and Nesje F (2016). 'Combining Expert Opinions on the Discount Rate', *Mimeo*.
- Emmerling J, **Groom B** and Wettingfeld T (2016). 'Discounting and Intra-generational equity: Who should we be discounting?' *Mimeo*.
- Freeman M C and **Groom B** (2013). 'How certain are we about the certainty equivalent long-run social discount rate?' Grantham Research Institute on Climate Change and the Environment Working Paper No. 138.
- **Groom B** and Tak M (2013). 'Welfare Analysis of Changing Food Prices: A Nonparametric Examination of Export Ban on Rice in India'. SOAS Department of Economics Working Paper Series, No. 177, School of Oriental and African Studies [Groom and Tak \(2013\)](#).
- Diagne A and **Groom B** (2013). 'Understanding the Impact of Agricultural Technology Adoption: K-factors, spillovers and pitfalls', Presented at the SPIA IAAE Impact Assessment pre-conference, Brazil, 18th August 2012.
- Glover S, Phillips J, Diagne A, and **Groom B** (2012). 'Africa's Green Revolution? The determinants of adoption and the impact of NERICAs.' SOAS Department of Economics Working Paper # 174. [Glover et al \(2012\)](#).
- Swanson T and **Groom B** (2012). 'Regulating Global Biodiversity: What's the problem?'. FEEM Nota di Lavoro # 2012.031. [Swanson and Groom \(2012\)](#).
- **Groom B** and Palmer C (2012). 'Relaxing constraints as a Conservation Policy'. FEEM Nota di Lavoro # 63.2012. [Groom and Palmer \(2012\)](#).
- Freeman M C and **Groom B** (2010). 'Combining Equity Premium Forecasts'. [Freeman and Groom \(2010\)](#).
- **Groom B** and Palmer C (2009). 'Environmental Services and Poverty Alleviation: Either or Both?' Cambridge Land Economy Environmental Economy and Policy Research Working Paper Series #46.
- **Groom B** and Palmer C (2008). 'Direct versus Indirect Payments for Environmental Services: The Role of Market Constraints'. Cambridge Land Economy Environmental Economy and Policy Research Working Paper Series #36.
- **Groom B**, Grosjean P, Kontoleon A, Swanson T and Zhang S (2007). 'Relaxing Constraints with Compensation: Evaluating Reforestation Policy in China'. Cambridge Land Economy Environmental Economy and Policy Research Working Paper Series #30.
- **Groom B**, Koundouri P, Panipoulou K and Pantelides T (2004). 'Model Selection in the Estimation of Certainty Equivalent Discount Rates'. UCL Department of Economics discussion paper 04/02.

SELECTED BOOK CHAPTERS

- **Groom B** (2014). 'Discounting'. Ch 7 in 'The Handbook of the Economics of Climate Change Adaptation', Markandya, A, Galarega, I. and Sainz de Murieta, E. (eds), Routledge.
- Swanson T and **Groom B** (2014). 'The International Biodiversity Bargaining Game', in 'Biodiversity: Economics and Policy', Dieter Helm and Cameron Hepburn (eds), Oxford University Press.
- **Groom B**, Gatti J R J, Goeschl T, and Swanson T (2012). 'Bargaining over Global Public goods'. Ch. 12 in 'Governing global environmental commons: Institutions, markets, social preferences and political games'. E. Brousseau, T. Dedeurwaerdere, P.-A. Juvet M. Willinger, Oxford University Press.
- **Groom B** (2010). 'Social discounting and intergenerational justice', Ch 12 in 'DD309 Doing Economics: People, Markets and Policy'. Open University Press.

PUBLICATIONS CONT'D

SELECTED BOOK CHAPTERS CONT'D

- **Groom B** (2010). 'International experience to inform the People's Republic of China's water pollution and water resource management policy'. Ch 9 in 'Economic growth and environmental regulation: the People's Republic of China's path to a brighter future'. Tun Lin and Tim Swanson (eds). ADB/Routledge.
- **Groom B**, Dehlavi A, Khan B and Shahab A (2010). 'Non-use values of wetland ecosystems on the Indus River, Pakistan: A spatially explicit, multi-ecosystem choice experiment', Ch. 8 in 'Choice Experiments in Developing Countries: Implementation, Challenges and Policy Implications', Birol E and Bennett J (eds). IFPRI, Washington DC.
- **Groom B**, Liu X, Swanson T and Zhang S (2008). 'Resource Pricing and Poverty Alleviation: The Case of Block Tariffs for Water in Beijing', Ch 9 in 'Coping with Water Deficiency: From Research to Policy Making: From Research to Policy Making', Koundouri P (ed), Springer

BOOK REVIEWS

- **Groom B** (2015). 'Natural Capital: Valuing the Planet' by Dieter Helm. Journal of Economic Literature. 53(4) pp 1043-1045, [DOI:10.1257/jel.53.4.1017](https://doi.org/10.1257/jel.53.4.1017).
- **Groom B** (2013). 'Pricing our Planet's Future' by Christian Gollier. Journal of Economic Literature, 51(3), pp 894-97, [DOI:10.1257/jel.51.3.883.r7](https://doi.org/10.1257/jel.51.3.883.r7).
- **Groom B** and Koundouri P (2004). Book Review for 'Economic Theory for the Environment: essays in honour of Karl-Goran Maler'. by Kristrom B, Dasgupta P and Lofgren K-G (eds.), published in 2002 by: Edward Elgar. Ecological Economics, 48(4), pp 485-487.
- Koundouri P and **Groom B** (2004). Book Review for 'Sustainability and Endogenous Growth' by Pittel K, published in 2003 by Edward Elgar. Ecological Economics, 48(3), pp 364-366.

SELECTED REPORTS AND OTHER PUBLICATIONS

- Freeman M.C., **Groom B** and Zeckhauser R (2015). 'Refining the climate science will be essential for firms' ability to adapt to global warming'. [LSE Business Review](#), December 2nd.
- Freeman M.C., **Groom B** and Zeckhauser R (2015). 'A morale boosting result for climate scientists'. Harvard Kennedy School of Government [News Article](#).
- **Groom B** and Freeman M C (2015). 'Too many experts spoil the policy'. Times Higher Education: [THE](#).
- **Groom B** and Freeman M C (2015). 'Positively Gamma Discounting' Media summary from the Royal Economic Society. [RES](#).
- Dehlavi A, Gorst A, **Groom B** and Zaman F (2015). 'Climate Change Adaptation in the Indus Ecoregion: A microeconomic study of the determinants impacts and cost effectiveness of adaptation strategies'. WWF-PAK, IDRC, LUMS. [WWF-PAK \(press release\)](#).
- **Groom B** (2014). Biodiversity Offsets: Pros, cons and practical matters. BIOECON - UNEP Policy Brief, [13](#).
- Diagne A, Glover, S, **Groom B** and Phillips J (2014). 'Africa's Green Revolution? Raising Awareness of New Rice Crops for Africa (NERICAs)', [The World Financial Review](#).
- **Groom B** (2013). 'The Challenges of Reducing Deforestation and how Scientific Simulations can help'. Comment on [SIMPACHAMAMA](#), INESAD, Bolivia.
- **Groom B** (2013). 'How Should Benefits and Costs be Discounted in an Intergenerational Context? The proceedings of an USEPA/RFF Workshop'. EAERE Newsletter, Spring 2013. [EAERE](#)
- **Groom B** (2012). 'las complejas causas de la deforestacion en Bolivia', Inspira, 17. [Inspira Article](#)
- **Groom B** (2010). 'Why Negotiations Stalled at Copenhagen'. SOAS Centre for Development Policy Research, Development Viewpoint #50. [SOAS DV](#)

RESEARCH PROJECTS: AWARDS AND APPLICATIONS

- 'New Evidence on Long-Term Discounting and Climate Policy'. Application for session at the annual meeting of the American Economic Association, and to appear in Papers and Proceedings.
- 'Combining Expert Opinions and Public Preferences. [STICERD](#) Grant award, March 2016, £4965.
- 'Combining Expert Opinion on Valuing the Future. RIIF seed funding award, Feb 2016, £2650.
- 'The Social Discount Rate for Intergenerational Projects: The role of Expert Opinions'. 2013 LSE seed funding. 1 year, £5000. Role: Principal Investigator.
- 'The Value of Statistical Life in Mexico'. 2013 LSE Seed funding. 1 year, £5000. Role: Principal Investigator.
- 'The REDD Game: A didactic tool for designing effective, efficient and equitable policies to deliver REDD in Bolivia.' ESPA funded project joint with LSE Department of Geography and Environment and Conservation International Bolivia. Duration: 2 Years. Budget: SOAS element: £25000. Role: Researcher. 2010-2012
- 'Agriculture, Food Security and Climate Adaptation on the Indus River Delta, Pakistan'. International Development Research Centre (IDRC) funded project joint with WWF Pakistan, Lahore University Management School (LUMS). Duration 2 years. Budget: £60000. Role: Principal Investigator. 2013-2015
- 'Mainstreaming disaster risk reduction and climate adaptation in the Indus Ecoregion, Pakistan'. Global change SysTems for Analysis, Research and Training (START) and Climate and Development Knowledge Network (CDKN), joint with WWF Pakistan and University of Kelaniya, Sri Lanka. Duration 2 years. Budget: US\$106000. Role: Co-investigator. 2013-2015.
- 'Measuring and Assessing the Impacts of Crop Genetic Improvement in Africa: The case of Rice, Pearl Millet and Sorghum.' DIIVA II project funded by the Gates Foundation. Joint with AfricaRice, IRRI and ICRISAT. Duration: 2 years. SOAS Budget: \$51700. Role: Principal Investigator. 2010-2012.

COMPLETED PHD SUPERVISION

- Thomas Bligaard Nielsen (2016) (co-supervisor). Oil extraction, uncertainty and spatial competition. LSE
- Moniruzziman Shaikh (2016). Adaptation to climate change and natural disasters in Bangladesh, LSE.
- Osiel Gonzalez-Davila (2015). Economic Behaviour and Groundwater Contamination. SOAS
- Emanuele Campiglio (2011) (co-supervisor). Essays in the economics of renewable energy and climate change. SOAS
- Reut Barak (2010). River Basin management in China: Can inter-provincial cooperation reduce transboundary pollution? SOAS.
- Akihito Aihara (2009). Paradoxes of Higher Education Reforms: Implications on the Malaysian Middle Class. SOAS.

PHD EXAMINER

- Samuel Dadzie (2015). 'Decision-making under uncertainty: A study of Ghanaian Farmers'. Reading University.
- Petterson Molina Vale (2015). 'Land use intensification in the Amazon is not a flying cow', LSE.
- Murray Collins (2014). 'Quantifying environmental indicators and assessing performance in tropical forest management', LSE
- Xavier Vollenweider (2014). '5 essays in Agriculture and Development'. LSE.
- Charles Chen (2013). 'The Dynamics of Privatisation in China'. School of Oriental and African Studies.
- Rhona Barr (2013). 'Marine Payments for Environmental Services'. LSE.
- Johannes Emmerling (2011). 'Essays in Risk, Precaution and Discounting'. University of Toulouse (December 2011)
- Aygul Ozbal (2011). 'Estimating the Willingness to Pay for Reliable Electricity Supply in Northern Cyprus'. Birmingham University (December 2011).

ACADEMIC ROLES AND TEACHING

- Programme Director for the MSC Environmental Economics and Climate Change, LSE.
- Programme Director for PHD in Environmental Economics, LSE.
- Teaching at the London School of Economics: Applied Quantitative Methods (GY428, core course), Environmental and Resource Economics (GY426, core course), Environment and Development (GY469, core course).
- Imperial College London: Lecture on Discounting and Intergenerational Equity. February 2012 and 2013
- SOAS MSc Development Economics: Microeconomics, Economics of Environment and Development, QM III (topics in micro-econometrics, 2012).
- SOAS BA, BSc Economics: 2006-2011: Econometrics (2nd year), Applied Econometric Techniques (3rd year); 2006-2007: Advanced Economic Analysis (micro, macro, 3rd year).
- SOAS Diploma in Economics: 2005: Microeconomics.

LANGUAGES

- English: Mother tongue
- Spanish: Intermediate in speaking, reading and writing

REFERENCES

Professor Ian Bateman, OBE, FRSA, FSB.

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