

CHANDRA KIRAN B KRISHNAMURTHY

The Beijer Institute for Ecological Economics, Stockholm and
Umeå School of Business and Economics/CERE, Umeå
chandra.kiran@beijer.kva.se and chandra.kiran@econ.umu.se

Position

August 2011-July 2014 Brouwaldh Post-Doctoral Fellow, Center for Environmental and Resource Economics and Senior Lecturer, Umeå School of Business and Economics, Umeå University
August 2014- **Researcher**, *The Beijer Institute for Ecological Economics* and **Senior Lecturer (Adjunct)** *Umeå School of Business and Economics*, Umeå University

Research Fields

Environmental and Resource Economics, Climate Change Economics, Development Economics and Applied Econometrics

Education

- 2011 COLUMBIA UNIVERSITY, SCHOOL OF INTERNATIONAL AND PUBLIC AFFAIRS
PHD SUSTAINABLE DEVELOPMENT
Thesis Title: "Essays on Climatic Extremes, Agriculture and Natural Resource Management"
Committee: Geoffrey Heal, Wonghee Tim Huh, Bernard Salanié, Upmanu Lall, Wolfram Schlenker
- 2005 INDIRA GANDHI INSTITUTE OF DEVELOPMENT RESEARCH(IGIDR)
M.Phil (Master of Philosophy), Economics
- 2001 B.E., Mechanical Engineering, Bangalore University

Conferences and Workshops Attended

- NBER Summer workshop on Environmental Economics (Summer 2007)
- CBMS workshop on Bayesian Nonparametrics, University of California at Santa Cruz, Aug 16-20, 2010
- (Invited) Banff International Research Station (BIRS) workshop on "Extremes in Weather and Climate", Aug 23-27, 2010, Banff, Alberta, Canada
- (Invited) Residential Demand for Green Energy at Workshop on Biofuels policies, Hafjell Resort, Lillehammer, Norway, March 18-20, 2012
- 2012: EAERE(Prague), June 27-29; AAEA Seattle, Aug 12-14, 2012; 12th IAEE European Energy Conference (Venice), Sep. 9-12, 2012
- 2013: AEA(San Diego), Jan 4-6 2013; EAERE (Toulouse), June 26-29;EURO-INFORMS, Rome, July 2-5
- 2014: 37th IAEE conference, New York (June)

Seminars and Presentations

- 2011 MIT Sloan School of Management (Jan); National Institute for Advanced Study (NIAS), Bangalore (June); Ashoka Trust for Research in Ecology and The Environment (ATREE), Bangalore (July)
- 2012 Madras School of Economics (MSE), Chennai (Jan); Workshop on Biofuels, Hafjell, Norway (March); AAEA, Seattle (August); EAERE, Prague(June); European Energy Conference, Venice (Sept).
- 2013 AEA, San Diego (Jan); EAERE, Toulouse (June); EURO-INFORMS, Rome (July)
- 2014 37th IAEE conference, New York (June)
- 2015 Center for Applied Research at NHH (SNF), Bergen, Norway (April 22)

Visiting Positions

Visiting Researcher, Madras School of Economics (Chennai, India), Dec 2011-Jan 2012

OECD, Environment and Economy Integration Division (Paris), August 21-30, 2013

Dept. of Agricultural Economics, Purdue University, Jan 14-Feb 7, 2014

Research Grants

2013: 23,000 SEK Seed Money for Project on *Employment Growth in Indian Manufacturing* from the USBE Research School

2015: 5.6 Million SEK for four-year research project *Global biophysical processes in climate-economics-modelling: Implications for economic measures* from the Ragnar Söderberg Foundation (with Gustav Enström and Johan Gars)

Professional Activities

Advising Co-advisor: Oben Bayrak (PhD-SLU Forest Economics), Mattias and Anders Vesterberg (PhD-USBE, Umeå University)

Occasional Journal Referee JAERE, American Journal of Agricultural Economics, Energy Journal, Energy Economics, Annals of Operations Research, Naval Research Logistics, Climatic Change, Nonlinear Processes in Geophysics, Journal of Climate

Member, Program Committee, **EAERE** Referee for Annual Conference Articles, 2012-

Teaching Experience

Full Length Courses

Microeconomics I: (Master's/PhD Level): Umeå University (Spring 2012, 2013)

Envt. Economics: (Master's/PhD Level): Umeå University (Autumn 2012, 2013, 2014)

Econometrics II (Master's/PhD Level): Umeå University (Spring 2014)

Short Courses

R Crash Course : Beijer Institute/KVA (March 2015)

Publications

1. Residential Electricity Demand: A cross-country analysis for 11 OECD-countries (with Bengt Kriström), forthcoming, *Resource and Energy Economics*, 39, 68-88 (CERE WP 2013-05; Version June 2014) [[PDF](#)]
2. Determinants of the price-premium for Green Energy: Evidence from an OECD cross-section (with Bengt Kriström), forthcoming, *Environmental and Resource Economics* (CERE WP 2013-07; Version June 2014) [[PDF](#)]
3. How large is the Owner-Renter Divide? Evidence from an OECD cross-section (with Bengt Kriström) forthcoming, 2015, *The Energy Journal*, 36(4), 63-82 (CERE Working Paper 2013-08; Version October 2013) [[PDF](#)]
4. Space-time Structure of Extreme Precipitation in Europe over the last Century (with Francesco Cioffi, Upmanu Lall and Ester Rus), forthcoming, *International Journal of Climatology* [[Advance PDF](#)]
5. Concavity and monotonicity properties in a groundwater management model (with Tim Huh and Richard Weber), *Naval Research Logistics* (NRL) 58, no. 7 (2011): 670-675. [[PDF](#)]

6. Changing Frequency and Intensity of Rainfall Extremes over India from 1951-2003 (with Upmanu Lall and Hyun-Han Kwon), 2009, *Journal of Climate*, 4737-4746, 22, 18 [[PDF](#)]
7. (Invited) Economic Impact of Carbon Emission Restrictions: The Case of India (with Jyothi Parikh), in *Energy Security, Climate Change and Sustainable Development*, Mathur et al (editors), Anamaya Publishers, New Delhi, 2007

Under Review

OPTIMAL MANAGEMENT OF GROUNDWATER UNDER UNCERTAINTY: A UNIFIED APPROACH
(Revision Requested: ERE)
(CERE Working Paper 2012-09; Version June 2014) [[PDF](#)]

DISTRIBUTIONAL IMPACTS OF ENERGY POLICIES: AN ANALYSIS OF THE 2011 EPIC DATA
(Beijer Discussion Paper Series No. 252) [[PDF](#)]

RESIDENTIAL END USE ELECTRICITY DEMAND AND THE IMPLICATIONS FOR REAL TIME PRICING
IN SWEDEN (with Mattias Vesterberg)
(Umeå Economic Studies Nr. 903)[[PDF](#)]

Working Papers

The Distributional Impacts of Climate Change on Indian Agriculture: A Quantile Regression Approach (MSE Working Paper 69/2012)[[PDF](#)]

NEW! *Greening Household Behavior and Energy* (with Bengt Kriström) (OECD Environment Working Papers No. 78) [Link](#)

Work in progress

A Note on the Dismal Theorem and implications for Climate Change Policy

The Effects of Uncertainty on Adaptation and Mitigation Policy: An Exploration Using AD-DICE2009 (with Kelly Debruin and Anders Vesterberg)

Equity, Efficiency and Property Rights: Water Allocation in the Western U.S. (with Andrew Zaeske)

Employment Growth in Indian Manufacturing: A Re-examination (with Badri Narayanan G)