



Dr. Raju Mandal
Assistant Professor

CONTACT INFORMATION

Department of Economics

Assam University, Silchar

Cachar, Assam

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EDUCATION

Post-Doctorate

August 2013 – August 2014

Sam Houston State University (SHSU), Texas, USA

Advisor: Dr. Hiranya K. Nath, Professor, Department of Economics & International Business, SHSU.

PhD in Economics

April 2005 – January 2011 (Awarded on February 1, 2012)

Gauhati University (GU), Guwahati, Assam, INDIA

Dissertation: *Cropping Pattern and Crop Diversification in Flood-prone and Flood-free Agro-economic Environments in Assam*

Advisor: Dr. M.P. Bezbaruah, Professor, Department of Economics, GU.

M.A. in Economics

2002 – 2003 (Awarded in April, 2004)

Gauhati University, Guwahati, Assam, INDIA.

B.A. (Honors) in Economics

1998 – 2001 (Awarded in September, 2001)

Gauhati University, Guwahati, Assam, INDIA.

HONORS & AWARDS

August 2013 – August 2014: Raman Post Doctoral Fellowship awarded by University Grants Commission, Government of India.

November 2009 – May 2010: Short-term Doctoral Fellowship awarded by Indian Council of Social Science Research.

June 2004: Junior Research Fellowship, UGC-National Eligibility Test.

2003: Gold Medalist in M.A. (Economics), Gauhati University.

1998: Second rank in H.S. Final Examination, Assam Higher Secondary Education Council.

TEACHING EXPERIENCE

March 20, 2007 – till date (*Permanent Post*)

Assistant Professor, Department of Economics, Assam University, Silchar

Course: Macroeconomic Analysis, Economics of Environment and Natural Resources

Level: Post Graduate.

September 22, 2005 – March 17, 2007 (*Permanent Post*)

Assistant Professor, Department of Economics, Rajiv Gandhi University, Itanagar

Course: Macroeconomic Analysis, Public Economics

Level: Post Graduate.

TEACHING & RESEARCH INTEREST

Economics of Environment and Natural Resources

Macroeconomics

Economics of Social Sector.

PUBLISHED PAPERS (peer-reviewed journals, latest five)

Mandal, Raju, 2014, “Flood, cropping pattern choice and returns in agriculture: A study of Assam plains, India”, *Economic Analysis and Policy*, Vol. 44, pp. 333 – 344, ISSN: 0313-5926.

Mandal, Raju and Bezbaruah, M.P., 2013, “Diversification of Cropping Pattern: Its Determinants and Role in Flood Affected Agriculture of Assam Plains”, *Indian Journal of Agricultural Economics*, Vol. 68, No. 2, April-June, pp. 169-181, ISSN: 00195014.

Mandal, Raju, 2011, “Cropping Pattern Diversification across Assam: Variations and Causes”, *IUP Journal of Agricultural Economics*, Vol. VIII, Issue 1, pp. 7-17, ISSN: 0973-2276.

Mandal, Raju, 2010, “A Spatio-Temporal Investigation into the Performance of a North-eastern State: A Human Development Approach”, *Indian Journal of Human Development*, Vol. 4, No. 2, pp. 409-420, ISSN: 0973-7030.

Mandal, Raju, 2010, “Cropping Patterns and Risk Management in the Flood Plains of Assam”, *Economic and Political Weekly*, Vol. 45, No. 33, August 14-20, pp. 78-81, ISSN: 0012-9976.

BOOKS AUTHORED/EDITED

Roy, Niranjana and Mandal, Raju (Ed.), 2012, *Segments from Development Discourse in Northeast India*, Assam University Publication, ISBN: 978-81-908202-1-9.

Roy, Niranjana and Mandal, Raju (Ed.), 2012, *A Tapestry of Research in Economics in Northeast India*, Assam University Publication, ISBN: 978-81-908202-2-6.

CHAPTERS IN EDITED BOOKS

Barman, Subrata and Mandal, Raju, 2012, “Estimating Recreational Demand for Environmental Amenity: An Application of Individual Travel Cost Method for Kaziranga National Park”, in Roy, Niranjana and Mandal, Raju (Ed.), *A Tapestry of Research in Economics in Northeast India*, Assam University Publication, ISBN: 978-81-908202-2-6.

Mandal, Raju, 2010, “Factors Behind the Extent of Crop Diversification in the Plains of Assam: A Spatial Analysis”, in Lenka, Jagannath (Ed.), *Current Issues in Indian Agriculture*, Serials Publications, New Delhi, 2010; pp. 139-152, ISBN 978-81-8387-255-3.

M.P. Bezbaruah, Binoy Goswami and Mandal, Raju, 2010, “An Overview of Environmental Economics”, in Islam, S. and Barua, P. (Ed.), *Biodiversity Conservation and Sustainable Development*, K.C. Das Commerce College Publications, Guwahati.

WORKING PAPERS & CONFERENCE PROCEEDINGS

Mandal, Raju., Barman, S. and Bezbaruah, M.P., 2014, “Economic Valuation for a better Conservation: A Case Study of Kaziranga National Park, India”, SHSU Economics & Intl. Business Working Paper No. 14-10, September.

Mandal, Raju, 2014, “Cropping Pattern Choice and Risk Mitigation in Flood Affected Agriculture: A Study of Assam Plains, India”, SHSU Economics & Intl. Business Working Paper No. 14-03, March.

Mandal, Raju and Bezbaruah, M.P., 2012, “Crop Diversification as a Risk Mitigation Mechanism in Flood Affected Agriculture: A Study of Assam Plains in Northeast India”, Proceedings of the International Symposium on Agriculture and Environment held at Faculty of Agriculture, University of Ruhuna, Sri Lanka, ISBN: 978-955-1507-25-1.

UNDER REVIEW

‘Heterogeneous Climatic Impacts on Agricultural Production: Evidence from Rice Yield in Assam, India’ (with Hiranya K. Nath).

‘A Generalized Stochastic Frontier Analysis of Technical Efficiency of Rice Farming: A Case Study from Assam, India’ (with Aditi Bhattacharyya).

‘Can Economic Valuation Help a Better Conservation? A Case Study of Kaziranga National Park, India’ (with Subrata Barman and M.P. Bezbaruah).

WORK IN PROGRESS

‘Service Trade in Emerging Market Economies’ (with Hiranya K. Nath).

‘Trade and Environment’ (with Binoy Goswami).

FUNDED PROJECTS

One of the investigators of a project (ongoing) on ‘**Why is Assam Left Behind in India's Economic Boom? A Behavioural Perspective on the Effect of Conflict**’ funded by International Growth Center, London School of Economics and Political Science. The other investigators are from USA, Australia and India.

Principal investigator of a project (2013 – 14) on ‘**Climate Change Impact on Rice Production in Assam**’ funded by University Grants Commission, and conducted at Sam Houston State University, Texas, USA.

Associate Investigator of a Project (2009) on ‘**Problems and Prospects of Development in the Border Areas of Northeast India: Implications for Thirteenth Finance Commission**’ funded by 13th Finance Commission, Govt. of India.

ASSOCIATION MEMBERSHIP

Indian Society of Agricultural Economics
North Eastern Economic Association.

INVITED LECTURES

Four lectures in ‘**One Week Workshop on Econometrics: Practice and Research (for Faculty and Researchers)**’ organized by the Department of Economics, Rajiv Gandhi University, Itanagar during December 15-24, 2014.

One lecture in a Symposium on ‘**FDI in Retail: its Implications for Employment**’ organized by Joya Gogoi College, Khumtai, Golaghat, Assam on October 26, 2012.

Two lectures on Valuation of Environmental Goods along with practical classes in a Summer School on ‘**Quantitative Techniques in Policy Planning, Monitoring, Modeling, Analysis and Impact Assessment of Hill Agriculture**’ organized by Indian Council of Agricultural Research, NEH Region, Barapani on August 19, 2011.

SEMINAR/CONFERENCE PRESENTATIONS (latest five)

Mandal, Raju and Bhattacharyya, A. (2015, January 8 – 9). “Technical Efficiency of Rice Farming and its Determinants in the Flood Plains of Assam, India”. Paper presented at the 16th Annual Conference of North East Economic Association (NEEA) organized by Department of Economics, Tripura University.

Mandal, Raju and Nath, H.K. (2014, December 15 – 17). “Heterogeneous Climatic Impacts on Rice Yields: Evidence from Assam, India”. Paper presented at ‘Winter School 2014’ organized by Delhi School of Economics.

Mandal, Raju, Barman, S. and Bezbaruah, M.P. (2014, June 27 – July 1). “Valuation of Public Good and Non-public Good Components of an Environmental Amenity: A Case Study of Kaziranga National Park, India”. Paper presented at the Western Economic Association International 89th Annual Conference, Denver, Colorado, USA.

Bhattacharyya, A. and Mandal, Raju (2014, June 5-7). “Analysis of Technical Efficiency of Paddy Farming in Assam, India: A Cross-sectional Study”. Paper presented by the coauthor at North American Productivity Workshop 2014, Ottawa, Canada.

Mandal, Raju and Bezbaruah, M.P. (2013, November 23-25). “Seasonal Diversification of Cropping Pattern as a Behavior towards Risk in Flood Affected Agriculture: Evidence from Assam Plains in Northeast India”. Paper presented at the 83rd Annual International Conference of the Southern Economic Association, Tampa, Florida, USA.