

TEACHING

Courses developed and taught

1. ED 77.05: Rural-Urban Relations 3 (3-0)
2. ED 77.06: Regional Planning Techniques 3 (2-3)
3. ED 77.13: Rural Regional Planning Workshop (4 Credits), shared with Dr. Soparth.
4. ED 77.12: Research Design and Methods (2 credits), shared with other three colleagues in RRDP FoS.
5. IN 84.35: Planning and Implementation of Disaster Emergency Management 3 (2-3)
6. ED60.9003: Selected Topic: Disaster Management and Humanitarian Assistance (Asia Pacific Initiative), 2 credits
7. ED 77.9008: Selected Topics: Rural Development Management Workshop 2 (1-3 from June 2010, shared with Dr. Soparth.

SELECTED PUBLICATIONS

Publications 2012

Book and Research Monograph

1. Jayant K. Routray, Tahmina Naznin, and Md. Mustafa Saroar (Edited), *Livelihood Assets and Economic Empowerment of Home-based Women Workers in Asia*, ARCMDG, AIT, Bangkok, ISBN: 978-974-8257-83-9, 2012, p144.
2. Md. Mizanoor Rahman and Jayant K. Routray, *Peri-Urban Economic Transformation of Bangladesh*, Lambert Academic Publishing, ISBN: 978-3-8465-5095-3, 2012, p78.

Book Chapter

1. Md. Mustafa Saroar and Jayant K. Routray, *Climate Awareness and Adaptation Efficacy for Livelihood Security against Sea Level Rise in Coastal Bangladesh*, in *J. Scheffran, Michael Brzoska, Hans G. Brauch, Peter Michael Lin and Janpeter Schilling (Eds), Climate Change, Human Security and Violent Conflict – Challenges for Societal Stability (Chapter 28), Hexagonal Series: Human and Environmental Security and Peace, Vol. 8*, Springer, 2012, pp. 575-594.

International referred journal articles

1. Shitangsu Kumar Paul, Bimal Kanti Paul and Jayant K. Routray, *Post-Cyclone Sidr nutritional*

status of women and children in coastal Bangladesh: an empirical study, *Natural Hazards*, Vol. 64, No. 1, 2012, pp. 19-36.

2. S. H. Puspha Malkanthi and Jayant K. Routray, Visitor satisfaction in agritourism and its implications for agritourism farmers in Sri Lanka, *International Journal of Agricultural Management*, Volume 2, Issue 1, 2012. pp.17-30.
3. Syed Ainuddin and Jayant Kumar Routray, Community resilience framework for an earthquake prone area in Baluchistan, *International Journal of Disaster Risk Reduction*, Volume 2, 2012, pp. 25-36.
4. Syed Ainuddin and Jayant Kumar Routray, Earthquake hazards and community resilience in Baluchistan, *Natural Hazards*, Volume 63, No. 2, 2012, pp. 909-937.
5. Syed Ainuddin and Jayant Kumar Routray, Vulnerability assessment of earthquake prone communities in Baluchistan, *International Journal of Disaster Resilience in the Built Environment* (accepted on 11 March 2012).
6. Yanee Srimanee and Jayant Kumar Routray, The fruit and vegetable marketing chains in Thailand: policy impacts and implications, *International Journal of Retail and Distribution Management*, 40 (9), 2012, pp. 656-675.
7. Abid Hussain and Jayant Kumar Routray, Status and factors of food security in Pakistan, *International Journal of Development Issues*, 11 (2) 2012, pp. 164-185.
8. Syed Ainuddin and Jayant Kumar Routray, Emergency preparedness and natural disaster management practices in Pakistan, *International Journal of Emergency Management*, 8 (2), 2012, pp. 123-134.
9. Syed Ainuddin and Jayant Kumar Routray, Institutional framework, key stakeholders and community preparedness for earthquake induced disaster management in Balochistan, *Disaster Prevention and Management*, 21 (1), 2012, pp. 22-36.
10. P. K. Viswanathan, Gopal B. Thapa, Jayant K. Routray, and Mokbul M. Ahmad, Agricultural Transition and Emerging Challenges in Indian Agriculture: A Critical Assessment, *Economic and Political Weekly (EPW)*, Vol XLVII, No. 4, January 28, 2012, pp. 41-50.

ONGOING AND COMPLETED PROJECTS

Research in Progress

Current projects: None

Future Projects: In the areas of disaster risk reduction and management, and rural-regional planning, expecting a training project from Sudan and another one/two from India.

Research Grants and Sponsored Projects (Recent)

1. Training program on “Environmental Management Tools” for the SAARC member countries funded by the UNEP Regional Office Asia and the Pacific, Bangkok, 23-31 March 2006.
2. National capacity and training needs assessments for different stakeholder groups in order to identify gaps, needs, strengths and opportunities for building capacity in ICM under the Mangroves for the Future (MFF) Program of the IUCN, Bangkok, 2007.
3. Training Workshop and Thematic Research on Gender Mainstreaming on “Livelihood Assets and Economic Empowerment of the Home based women Workers”, UNIFEM East and Southeast Asia Regional Office, Bangkok, Thailand, 2009.
4. Study Visit Program in Thailand and Indonesia on “Strategic Planning and Pro-Poor Growth” for the Government officers of Bangladesh during 3-10 October 2010, funded by the UNDP, Dhaka.
5. Training and Multi Country Study Visits Program (Thailand, Singapore and Australia) on “Development Planning, Management and Governance” for Government of India Officials through Institute for Secretarial Training and Management, India, from 1-12 November 2010.
6. Special Training Program on “Gender Mainstreaming and Equality with Focus on MDGs” for the Government and UNDP Officials of Afghanistan, 6-11 December 2010, AITCC, Bangkok.
7. Special Training Program on “Public Health and Disaster Management” for the Government Officials of Sudan from 6-18 December 2010, AITCC, Bangkok.
8. Training and Multi Country Study Visits Program (Thailand, Singapore and Australia) on “Public Service Delivery, Management and Governance” for Government of India Officials through Department of Personnel and Training, government of India, from 24 January to 4 February 2011.
9. Training and Multi Country Study Visits Program (Thailand, Singapore and Australia) on “Public Service Delivery, Management and Governance” for Government of India Officials through department of Personnel and Training, Government of India, from 21 February 2011 to 4 March 2011.
10. Special Training Program on “Geospatial Technology and Flood Mitigation” from 23 – 27 May 2011, was organized for 11 senior officers of the Government of Karnataka, India.
11. Special Training Program on “Managing Rural Development (With Focus on Poverty, Livelihood, Planning Process and Development Innovations) in September 2011, Government of Karnataka, India.

12. Professional Development Special Training Course on Disaster Management during 26 Nov to 14 Dec 2012 for five officials of Bangladesh Government, sponsored by the ECRRP PCMU, Planning Commission, and World Bank Project Aid.
13. Professional Development Special Training Course on Project Management for the government officials (forty participants) from ... to ... March 2013, sponsored by the State Institute of Urban Development, Government of Karnataka, India.
14. Professional Development Training and Multi-country Study Visit Program on “Sustainable Rural Development Planning and Management” for the Senior Central Secretariat Service Officers of the Government of India, BATCH-I with 32 participants, sponsored by the Department of Personnel and Training, Government of India, New Delhi, 27 May – 07 June 2013, implemented through GIC, AIT, Bangkok.
15. Study Visit and Interactive Program for Assessing the Needs and Developing Curriculum on Disaster Management from 1-5 July 2013, attended by four faculty members of the King II Sung University and Pyongyang University of Architecture, DPR of Korea, sponsored by the UNEP ROAP, Bangkok.
16. Professional Development Training and Multi-country Study Visit Program on “Sustainable Rural Development Planning and Management” for the Senior Central Secretariat Service Officers of the Government of India, BATCH-II with 33 participants, sponsored by the Department of Personnel and Training, Government of India, New Delhi, 22 July – 02 August 2013, implemented through GIC, AIT, Bangkok.
17. Professional Development Training and Multi-country Study Visit Program on “Sustainable Rural Development Planning and Management” for the Senior Central Secretariat Service Officers of the Government of India, BATCH-III with 35 participants, sponsored by the Department of Personnel and Training, Government of India, New Delhi, 19 – 30 August 2013, implemented through GIC, AIT, Bangkok.

AWARDS AND HONORS

1. Recipient of Merit Scholarships (Orissa State Government) from Primary to Secondary Education and also in the college at the intermediate level.
2. Recipient of the National Scholarship (Government of India) for Master’s Study in Geography at the Utkal University, 1974-76.
3. Recipient of the Utkal University Gold Medal for securing first rank in M. Sc. Geography examination of 1976.
4. Recipient of the Government of India Scholarship for MRP Study at IIT, Kharagapur, 1977-79.

5. Recipient of Indo-Polish Scholarship for Post-Graduate Certificate Study in the Technical University of Szczecin, Poland, 1983.
6. In 2006 Asian Institute of Technology Alumni Association (AITAA) has conferred Honorary Membership in appreciation and recognition of meritorious services rendered to AIT and AITAA.
7. Recipient of the Best Paper Award by the International Journal of Climate Change Strategies and Management for the paper “In-situ adaptation against sea level rise in Bangladesh: does awareness matter?” jointly prepared (Md. Mustafa Saroar and Jayant K. Routray) and presented at Climate 2009/KLIMA 2009, 6 November 2009.

PROFESSIONAL AFFILIATIONS

1. Member of the Editorial Advisory Committee of the “**Central Asian Journal of Management, Economics and Social Research**” since January 2000.
2. Member of the Advisory Committee of the “**Bangladesh Journal of Resources and Development**” since 2003.
3. Chairman (Elected), Academic Senate of AIT since May 2012.
4. Professor of Regional and Rural Development Planning, School of Environment, Resources and Development, Asian Institute of Technology, Bangkok, Thailand since 4 October 2004.
5. Coordinator of Regional and Rural Development Planning Field of Study since January 2011 to December 2012.
6. Coordinator of Disaster Preparedness, Mitigation and Management Interdisciplinary Academic Program since January 2008.
7. AIT Coordinator of the API-DMHA (Asia Pacific Initiative – Disaster Management and Humanitarian Assistance) seminar course through web and videoconferencing offered by the University of Hawaii at Manoa, United Nations University (UNU), Asian Institute of Technology, and other universities, continuing since Sept 2007.
8. Director, ASEAN Regional Centre of Excellence on Millennium Development Goals (ARCMDG) at AIT from May 2008 to 31 August 2010.
9. Associate Professor (Regional and Rural Development Planning) School of Environment, Resources and Development, Asian Institute of Technology, Bangkok, Thailand since from 01 July 1993 to 04 October 2004.
10. Assistant Professor (Regional and Rural Development Planning), Human Settlements Division, Asian Institute of Technology, Bangkok, Thailand from 03 June to 30 June 1993.

11. Reader in Geography, Utkal University since 1990 and remained on lien from time to time for AIT assignment and continued again from Dec 1997 to May 1999.
12. Lecturer in Geography, Utkal University, Bhubaneswar, India from 02 September 1980 to 31 May 1988.
13. Assistant Director (Integrated Area Planning), National Institute of Rural Development, Hyderabad, India, from 13 Dec 1979 to 30 August 1980.

RESEARCH KEYWORDS

1. Regional Planning Methods and Techniques
2. Rural-Urban Relations
3. Rural Development
4. Social Impact Assessment
5. GIS Applications
6. Natural Disaster Risk Reduction and Management