

Curriculum Vitae

Paritosh Kumar Roy

Personal Information

Present Position Lecturer of Applied Statistics, Institute of Statistical Research and Training (ISRT), University of Dhaka, Dhaka 1000, Bangladesh.
E-mail pkroy@isrt.ac.bd.
Web <http://www.isrt.ac.bd/faculty/pkroy>.
Date of Birth 16 September 1983.
Citizenship Bangladeshi by birth.

Research Interests

Statistical Inference, Bayesian Statistics, Spatial Statistics.

Education

- 2007 M.S. in Applied Statistics, University of Dhaka, Bangladesh, *Thesis title: Bayesian Geo-statistical Modeling for Predicting Arsenic Concentrations in Groundwater of Bangladesh*, (First class First position).
2006 B.Sc. (Honours) in Applied Statistics, University of Dhaka, Bangladesh, (First class First position).

Experience

- January'2010– August'2010 Research Associate, Institute of Microfinance (InM), PKSF Bhaban, Agargaon Administrative Area, Dhaka 1207, Bangladesh.
September'2009– December'2009 Graduate Teaching Assistant, Department of Economics, East West University, Mohakhali C/A, Dhaka 1212, Bangladesh.

Scholarships and Awards

- 2011 Book Prize'2011 for securing the first position (in first class) in BSc (honors) examination in Applied Statistics, 2006.
2010 UGC Merit Scholarship'2007, University Grant Commission (UGC), Bangladesh.
2009 UNFPA Research Grant, Through Department of Population Science, University of Dhaka, Bangladesh.

Courses Taught

Graduate courses: Applied Bayesian Statistics, Advanced Statistical Inference.

Undergraduate courses: Statistical Inference, Programming with Fortran and C.

Computing Skills

Programming Language, Math and Stat Packages FORTRAN, C, R/S-PLUS, WinBUGS/OpenBUGS, STATA, MATLAB, SAS, SPSS.
Operating System Linux/Unix and Windows.

Conference Presentation

Paritosh K Roy and Syed S Hossain (2010). Bayesian Geostatistical Modeling for Predicting Arsenic Concentrations in Groundwater of Bangladesh, *The First International Conference on Theory and Applications of Statistics*, 26–28 December 2010, University of Dhaka, Bangladesh.

Workshop and Training Participation

- 2011 Participated in "22nd Biannual Research and Training Workshop" organized by *South Asian Network for Development and Environmental Economics* from 27th – 30th June, 2011 in Sri Lanka.

Professional Works

- 2010 Contributor of the report "Impact of PRIME on Monga Mitigation in Greater Rangpur - Round II: A Panel and Cross Sectional Analysis", *Institute of Microfinance (InM) and Palli-Karma Sahayak Foundation (PKSF)*, Dhaka, Bangladesh.
- 2010 Working as a member of the Committee of "Determining the Effective Interest Rate of MFIs in Bangladesh" from InM with collaboration of *InM, PKSF* and *Microcredit Regulatory Authority (MRA)*, Bangladesh.

Memberships

Life member, Bangladesh Statistical Association.

References

1. Syed S Hossain, Ph.D., Professor of Applied Statistics, Institute of Statistical Research and Training, University of Dhaka, Dhaka 1000, Bangladesh, Email: shahadat@isrt.ac.bd.
2. M Amir Hossain, Ph.D., Professor of Applied Statistics, Institute of Statistical Research and Training, University of Dhaka, Dhaka 1000, Bangladesh, Email: amir@isrt.ac.bd.