

## CURRICULUM VITAE of

**Raquib AHMED Ph.D.**

### MAILING ADDRESS

Institute of Environmental Science  
University of Rajshahi  
Rajshahi 6205  
**BANGLADESH**

Phone: +88-0721-750284 (home)  
+88-0721-750930 (office)  
+88-01711479075 (mobile)  
email: raquib\_ahmed@yahoo.com  
raquib\_geog@ru.ac.bd



### UNIVERSITY EDUCATION

**1990** Ph.D., Geography (Urban Geography), University of Mysore, India.  
**1980** Masters, Geography, University of Rajshahi, Bangladesh (First Position in First Class).  
**1977** Bachelor (Honours), Geography, University of Rajshahi, Bangladesh (First Position in First Class).

### POSITION HOLD

**Professor and Director**

### PROFESSIONAL CAREER

#### Teaching and research

<b>2010 Apr – 2010 Aug</b>	Guest Professor, Institute for Geoinformatics, Wesfelian Wilhelm University of Muenster, Germany to take two courses: one on remote sensing practical and one on GIS application in developing countries, involved in counseling students for their Masters theses
<b>2009 Oct- continue</b>	Professor and Director (from 01-10-2009), Institute of Environmental Science, University of Rajshahi, Bangladesh
<b>2009 Sept- 2012 Sept</b>	Appointed Visiting Professor of Remote Sensing and GIS at the Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences, 818 South Beijing Road, Urumqi, Xinjiang, China.
<b>2009 (June-Sept)</b>	Visiting Scientist, Institute of Ecology and Geography, Chinese Academy of Sciences, Urumqi, Xinjiang, China.
<b>19-02-09 to 16-09-2009</b>	Professor of Geography and Environmental Studies, University of Rajshahi, Bangladesh.
<b>2008 Feb to 2009 Feb</b>	Professor and Chairman, Department of Geography, The Islamia University of Bahawalpur, Pakistan.
<b>25-05-97 to 12-02-08</b>	Professor of Geography & Environmental Studies, Rajshahi University.
<b>2006 Oct-2007 Jan</b>	Guest Professor, Institute of Geography, Humboldt University of Berlin, Germany.
<b>2006 (Mar-June)</b>	Visiting Scientist, Institute of Remote Sensing Applications, Chinese Academy of Sciences, Beijing, China.
<b>2001 (Apr-July)</b>	Guest Professor, Institute of Geography, Humboldt University of Berlin, Germany.
<b>09-11-97 to 09-12-01</b>	Administrator, Computer Center, Rajshahi University. This center is to serve the entire university for research, administration, and maintains both internal and external communication through its LAN (Campus Network) and own VSAT system.
<b>06-06-91 to 24-05-97</b>	Associate Professor of Geography, Rajshahi University.
<b>22-07-84 to 05-06-91</b>	Assistant Professor of Geography, Rajshahi University.

**23-02-81 to 21-07-84** Lecturer in Geography, Rajshahi University.  
**1979 Sept to 1980 Oct** Research Associate, Department of Urban and Regional Planning,  
University of Engineering and Technology, Dhaka, Bangladesh.

## RESEARCH AREAS AND INTERESTS

Remote sensing and GIS application in coastal environment study, land use change modeling, disaster vulnerability study, spatial data base modeling, urban geography

### Papers published

- Islam, M.S., Ahmed, R., Shahabuddin, A.K.M. and Sheikh, A.H. (2009, appeared in May 2011), "Pattern of land use change and its dynamics of urban expansion in Dhaka City, Bangladesh", the *Journal of Geo-environment*, University of Rajshahi, Bangladesh, Vol. 9, pp. 107-120.
- Islam, M.S., Rahman, M.R., Shahabuddin, A.K.M. and Ahmed, R. (2010), "Changes in wetlands in Dhaka City: trends and physico-environmental consequences", *Journal of Life Earth Science*, University of Rajshahi, Vol. 5, pp. 37-42.
- Ahmed, R. and Foysol, A. (2008), Mapping under-water coral ecosystem around St. Martin's island in Bangladesh: Application of integrated geographic techniques, *Pakistan Journal of Geography*, Vol. XVIII, No. 1 & 2 (2008), pp.1-25.
- Islam, M. S., Rana, M. M. P., Ahmed, R. and Rahman, M. (issue 2007, appeared in July 2008), "Structural characteristics and spatial organization of raw food markets in Rajshahi City, Bangladesh", *Khulna University Studies*, Vol. 8, No. 2, pp. 306-315.
- Ahmed, R. and Falk, G. C. (Feb 2008), "Bangladesh environment under pressure", *Geographische Rundschau, International Edition*, Vol. 4, Number. 1/2008, pp. 12-19.
- Ahmed, R. (2007), "Optical remote sensing and the forest eco-environment change monitoring, Proceedings of the Bangladesh Electronics Society, pp. 17-21.
- Ahmed, R. (2007), "Electromagnetic radiation and remote sensing", in M. Z. Hassan (eds, in Bangla), Golden Jubilee Commemorative Volume, Department of Geography and Environmental Studies, Rajshahi University, Bangladesh. pp. 170-184.
- Ahmed, R. and Roy, C. (July 2006), "Calibration of optical satellite data for coastal bathymetric mapping", the *Journal of the Life and Earth Sciences*, Vol. 02, No. 01, pp. 7-16. Published from Rajshahi University.
- Ahmed, R. and Wolf, W. (2006), "Modeling early estimation of coastal cyclone impact: use of integrated GIS to enhance operational efficiency", *The Journal of Geo-Environment*, University of Rajshahi, Bangladesh, Vol. 5, pp. 81-100.
- Hossain, M. A. and Ahmed, R. (2004), "Status of Housing Quality in Rajshahi City: A Geographical Study", *Plan Plus*, Khulna University, Bangladesh, Vol. 1, No. 2, pp 70-78.
- Ahmed, R. and Wolf, W. (2002), "Geo-informatics and the Coastal Hazard Management in Bangladesh", Proceedings of the Ecotone X: Ecosystem Valuation – for Assessing Functions, Goods and Services of Coastal Ecosystems in South East Asia, published by the Vietnam National University, UNESCO and others, pp. 274-298
- Ahmed, R. (2002), "Rajshahi City: Its Internal Structure", *CUS Bulletin on Urbanization and Development*, Vol 42, pp. 29-31
- Ahmed, R. (2002), "Urban environmental issues in Bangladesh and government intervention", in Anders Narman and Kamal Karunanayake (eds), Towards a new regional and local development research agenda, Goteborg University, pp. 79-94.
- Ahmed, R. (2001), "Identifying land use around Rajshahi City area using IRS 1B LISS II data", in R. K. Rai et al (eds), Environment, Resources and Development, Geographical Society of North-Eastern Hill Region (India), pp. 87-97.
- Ahmed, R. (1998), "Bangladesh: Land, Soil and Landscape", in Philip Gain (ed), Bangladesh Environment: Facing the 21st Century, Society for Environment and Human Development, 44/8 West Panthapath, North Dhanmandi, Dhaka, pp. 1-25.

- Ahmed, R. and Rumi, S.R.A. (1997), "Economic Functions and Characteristics of CBD of Rajshahi City: A Study using GIS Approach", *Oriental Geographer*, Vol 41(1), pp. 1-13.
- Chowdhury, M. H. and Ahmed, R. (November, 1992), "Multi-temporal Analysis of Land Cover Change Using Different Satellite Platforms and GIS Integration: A Case Study in Bangladesh." *Journal of the Bangladesh National Geographical Association*, Vol. 20, No. 1 & 2, pp. 19-40.
- Ahmed, R.(1993), "Intra Urban Form and Functional Organization: A Study of Retailing in Habiganj Town in Bangladesh", *Oriental Geographer*, Vol. 37, No. 1, pp. 37-53.
- Ahmed, R. (1993),"Intra Urban Retailing and the Application of Central Place Concept", Proceedings of the Tokyo and Kobe, IGU Commission on Geography of Commercial Activities, pp. 77-84.
- Matin, I. and Ahmed, R. (1992), "Climatic Change and its Impact on Ground Water in the Barind Tract in Bangladesh", Proceedings of the World Congress on Natural Hazard Reduction, Institution of Engineers, India, Vol. II, pp. 45-53.
- Ahmed, R. (1990), "Intra Urban Population Density in Khulna City and Selected Correlative Aspects", *Journal of the Bangladesh National Geographical Association*, Vol. 18, No. 1 & 2, pp. 87-92.
- Arephin, S. and Ahmed, R. (1990), "Retail Distribution in Rajshahi City: A Locational Analysis", *Journal of the Institute of Bangladesh Studies*, Vol. 3., pp. 143-157.
- Ahmed, R. and Mahadev, P.D. (1988), "Distance and Population Factor for Intra-Urban Retailing", *Indian Geographical Journal*, Vol. 63(2), pp.125-132.

#### **Book published**

Ahmed, R. (Dec 2004), Aerial Photo Interpretation and Photogrammetry, (text book in Bangla), Tahasina Rahman, Dhaka, total pages 150.

#### **PROFESSIONAL MEMBERSHIP**

- Member, IGC Cologne 2012.
- Life Member, Indian Science Congress Association, since 1988 (No. 3469).
- Life Member, National Association of Geographers, since 1989 India (No. 176).
- Member, IGU Commission on Commercial Activities, 1992-1996.
- Life Member, Bangladesh Geographical Society, since 2000.