

## **DHANJIT DEKA**

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Date of Birth: 29/08/1984  
Religion: Hindu  
Caste: OBC  
Marital Status: Unmarried

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### **PRESENT POSITION:**

Assistant Professor, Department of Geography, B.Borooah College (Since Jan, 2010)

### **TRAINING /COURSE UNDERTAKEN:**

“Remote sensing and GIS –Technology and Applications” at National Remote Sensing Centre ,Dept. of Space, Govt. of India(ISRO), Hyderabad, India, from 6<sup>th</sup> July, 2009 to 25<sup>th</sup> September, 2009(**1<sup>st</sup> class with distinction**)

“Application of Remote Sensing and GPS in Natural Resource and Disaster management” at Symbiosis Institute of Geoinformatics, Pune India from 21<sup>st</sup> to 26<sup>th</sup> February, 2011

“Application of Remote Sensing and GIS in various fields” at AARANYAK, Guwahati from 28<sup>th</sup> July to 3<sup>rd</sup> august, 2008

### **AWARD:**

**Prof. H.P Das memorial award** by North East India Geographical Society at Gauhati University in 2008

**Young Scientist travel grant Award** by International Geographical Union for attending the IGU Regional Conference held at Kyoto, japan

### **PROJECT COMPLETED:**

Completed UGC sponsored major project “Geoenvironmental Problems and its Impact on Sustainable Development in Lower Digaru Basin, Assam” in the Geography Department, Cotton College as Junior Research Fellow.

National level LandUse/Land Cover (LULC) mapping of Karbianglong and N.C Hill districts of Assam, using Satellite Remote Sensing and G I S conducted by North-Eastern Space Application Centre (NESAC), Deptt. of Space (ISRO), Govt. of India, Meghalaya.India and Aaranyak, Guwahati.

Land Use/Land cover change detection analysis of Umtrew River Basin, N.E.India conducted by Land Use Division, National Remote Sensing Center, (Dept. of Space, ISRO) Hyderabad.(Project for the partial fulfillment of 12 week course on GIS and Remote Sensing and its various application)

### **PROJECTS UNDERGOING:**

Minor Research project funded by University Grants Commission (Period 2013 to 2015)

### **PRESENTED PAPER IN INTERNATIONAL CONFERENCE ABROAD**

Participated and presented paper in 32<sup>nd</sup> International Geographical Congress of International Geographical Union held from 26<sup>th</sup> to 30<sup>th</sup> August, 2013 at Cologne University, Germany

Participated and presented paper in International Geographical Union Regional Conference held from 4<sup>th</sup> to 9<sup>th</sup> August, 2013 at Kyoto, Japan.

### **OTHER ACCADEMIC WORK:**

Editor of the Book “**Quest**” Published by B.Borooah College Teachers Unit on behalf of B.Borooah College on May, 2012

Editor of the Journal “**Vasundhara**” published by the Geographical Society of B.Borooah College.

Member of the editorial board of the published proceedings of national seminar “Changing Face of Geography and Challenges Ahead” held on 18<sup>th</sup> and 19<sup>th</sup> Dec, 2009 at Cotton College, Guwahati.

Member of the editorial board of the published abstract volume of the International Geographical Union Commission Seminar “Land Use, Biodiversity and Climate Change” held from 11<sup>th</sup> to 13<sup>th</sup> Dec, 2010 at Cotton College, Guwahati

### **PAPER PUBLISHED:**

*An Analysis of Changing Land Use Pattern and its Effect on Umtrew Basin, North East India* in the International Journal “Hungarian Geographical Bulletin” (Vol 60 No. 1) ISSN: **0015-5403** published by Geographical Research Institute, Hungarian Academy of Science, Hungary

*Analysis of Changing Forest Cover and its Impact on Environment with Special Reference to Umtrew Basin, North East India*, in the International Journal “The Clarion” (Vol.1 No.1) ISSN: **2277-1697** published by Centre for Environment, Education and Economic Development, Guwahati, India

*Land Use Land Cover Change and its Impact on Digaru Basin of North East India using Remote Sensing, GIS and GPS Techniques* in the proceedings of the international conference on “Land use Change, Biodiversity and Climate Change” held at Nesamony Memorial Christian College, Marthandam, Kanyakumari district, Tamilnadu, India. (6<sup>th</sup> to 7<sup>th</sup> Oct, 2008) sponsored by UGC and CSIR ISBN: **13-978-81-908283-1-4**

*A Study on Noise Quality at Guwahati City, Assam, India* in the Journal “The Chemical Axis” (Vol 10 No 1) ISSN **2249-8842** Published by the Department of Chemistry, B.Borooah College, Guwahati, Assam

*Deleniation of Morphometric Characteristics of Watershed using Geospatial tools: A Case Study of Umran Watershed, Meghalaya* in “Landscape: A Collection of Geoenvironmental Studies” ISBN: **978-93-81136-56-0**

*Community Versus Forest: A Case study of selected Forest Fringe Villages of Undivided Darrang District, Assam* in “Landscape: A Collection of Geoenvironmental Studies” **ISBN: 978-93-81136-56-0**

*Environmental Impacts of Brick Kilns: A case study of Lower Umtrew River Basin, Assam* in the proceedings of national seminar “Changing Face of Geography and Challenges Ahead” held on 18<sup>th</sup> and 19<sup>th</sup> Dec, 2009 at Cotton College, Guwahati

*Role of Air Transport in socio economic development of North east India with special reference to Rowriah Airport* in the proceedings of national seminar “Changing Face of Geography and Challenges Ahead” held on 18<sup>th</sup> and 19<sup>th</sup> Dec, 2009 at Cotton College, Guwahati

*Landscape Dynamics of Guwahati: A Geoenvironmental Appraisal, in the E-proceedings of International Geographical Union Commission Seminar “Land Use, Biodiversity and Climate Change”* held from 11<sup>th</sup> to 13<sup>th</sup> Dec, 2010 at Cotton College, Guwahati

**MEMBERSHIP:**

Life Member, Indian Institute of Geomorphologist  
Life member, North East India geographical society  
Member, IGU commission for water sustainability  
Member, IGU commission of Geographical information science

**DECLARATION:**

I hereby declare that the information furnished above by me is true and correct to the best of my knowledge and belief.

Sincerely yours,

Place: Guwahati

Date:

(DHANJIT DEKA)