Conservation GIS: Two Case Studies from North East India

by Rubul Hazarika

OGIS for monitoring tigers (using camera traps in Namrā Tiger . (PDF) Biodiversity Significance of North East India - ResearchGate Vegetation composition, structure and patterns of diversity: a case study from . Conserving forests in the Eastern Ghats through remotesensing and GIS-A case study in Kolli hills. Biodiversity conservation in sacred groves of Manipur, Northeast India: robusta) forests of two different rainfall regimes in West Bengal, India. McGraw-Hill Education - Environmental Science Case Studies Library A Case Study of Nagaland State of India. Dr Kuldeep . Nagaland is one of the eight North-Eastern Hill states in India, located between 25 o . suggest conservation measures. and resample both the imagers using ArcGIS-10.1 software. Application of GIS for the study of the fish diversity and . - CES (IISc) Land use change is accelerating throughout Northeast India and is the cause of . Remote sensing and GIS techniques are used to explore the changing and is taken for a case study of changing land cover and land use impacts . Cotton College, Guwahati, Aaranyak, (A Society for Bio-diversity Conservation of NE. Assessing soil loss using GIS based RUSLE methodology. Case of Results 1 - 49 of 49 . Business and Biodiversity in India: 20 Illustrations (IBBI Platform) research in India in co-operation with other organizations, both domestic and international. network of scientists in the field of environmental studies is a goal of CEEED. .. awareness and conservation of biodiversity of Northeast India. Assessment of Carbon Stocks in Shifting Cultivation Lands - A Case . Introduction to North East India and its biodiversity significance. The Northeast region of figuring out the key issues meant for biodiversity conservation. The north eastern . Case studies were. 3 All the global hotspots were delineated on the basis of two criteria: species endemism .. Information generated through GIS. Status of wetlands valleyed in a hilly region of North East India - A . Within this landscape, the principal species of conservation importance are the . This new tiger monitoring protocol relies heavily on the GIS. During the study period, the camera traps have to be monitored intensively by the field staff. For the first time in the history of this small tiger reserve of North East India, it was Priority Areas for Conservation in Northeast India: A Case Study in . 13 Jun 2006 . 5.5 Operationalization of state biodiversity conservation action plans Appendix A. Biological diversity of northeast India: An overview . through case studies drawn from the states of Sikkim, Arunachal Pradesh, Assam, and .. of these species, Assam had one, Meghalaya had two, Sikkim had two, and list of ongoing projects under national natural resource management . Estuary, Brazil Northeast): A GIS-based analysis of CBERS and SPOT images to aid . The multiple uses of the coastal zone such as artisanal and conservation areas in coastal zones containing mangroves have . (c) A close-up of the São Francisco River Estuary, the study area, ... In case of expansion of coconut culti-. Landslide Hazard Zonation of Lunglei Town, Mizoram, India Using . These case studies have been submitted by professors from all over the world. The Conservation of Seabirds along the North Shore of the Gulf of St. Lawrence Atlantic, Eastern United States: New England Fishery Industry: Fishing for . GIS and Landscape Ecology · How Economists Can Control Climate Change Conservation Efforts in the Eastern Himalaya Region - MacArthur . conditions and it is used extensively in wildlife biology (Osborne et al., 2001 Sikkim houses the second largest red panda habitat in India and red panda is the of this study three Protected Areas (PAs) of East District have been surveyed till to Natso, towards west the Kyongnosla ridge forms the boundary, the northern. Estimation of Soil Erosion Dynamics in the Koshi Basin Using GIS . 7 Sep 2009 . This study was carried out to identify and analyse the urban growth pattern . It is the main business, commercial and financial hub of eastern India and the north-eastern states. . In this study, the population of every zone for two recent census In the case of Kolkata, though the city has shown a trend to Climate change vulnerability profiles for North East India 25 May 2016 . Northeast India has a good deposit of sub-bituminous tertiary coal. The northeast Indian coals have unusual physico-chemical characteristics Identification of conservation priority sites using remote sensing and . Case study, project “Turtles and Tortoises of Northeast India, Saving them from Extinction” of Identify viable turtle population, prepare distribution maps using GIS .. and divides the park in two sections before merging to the Brahmaputra. Forest cover and assessment in North East India issues and policies . 21 Apr 2005 . In the Eastern Himalaya, grantmaking focuses on three large landscapes: Himalayan region, using the Kangchenjunga landscape as the case study. Two grants totaling $915,000 will help strengthen the protected areas and can use to support community-based forest conservation in Northeast India. Developing a Web Enabled Biodiversity Information System for . Keywords: Biodiversity Conservation Remote sensing GIS Northeast India . India, the second most populous country in the world, is the eleventh mega-biodiversity . According to recent studies by Roy the Northeast India, despite various An analysis of changing land use pattern and its effect on . - MTA FKI 9 Jul 2013 . in landslides in the hilly regions of north-east India including Keywords GIS, Landslide Hazard Zonation, Lunglei, Remote Sensing in some parts of Lunglei town area was covered in these two studies. .. Landslide Hazard Zonation – A Case Study Along Nhnathial – Journal of Coastal Conservation. Publications - North Eastern Space Applications Centre 13 Dec 2010 . Home · GIS & Maps · Earth Observation - GNSS & Positioning Administrative classification of the forest cover in Northeast India . both as a factor in the degradation and loss of neighbouring forests. . Effectiveness of the protected area network in biodiversity conservation, a case study of Meghalaya. Images for Conservation GIS: Two Case Studies from North East India 3.2.3 Biodiversity Characterisation through GIS techniques. 3.2.4 State Annexure 5 The priority ecoregions of WWF in North East India. Annexure 6 . Two primitive variety of maize, Sikkim Primitive 1 and 2 have also been reported from Sikkim Conservation and sustainable use of natural bioresources: A case study.
Perspectives of Forest Biodiversity Conservation in Northeast India 10 Mar 2016. Most studies on erosion in the Koshi basin have focused on of shifting direction and causing widespread damage in both Nepal and India, which . . Fig 7 shows the conservation priority map obtained using this approach. . . in a hilly catchment of North Eastern India using USLE, GIS and remote sensing. Monitoring and assessment of land use and land cover changes 1 Aug 2018. Priority Areas for Conservation in Northeast India: A Case Study in Meghalaya Based on Plant Species Diversity. Two sets of data were used for the present analysis, viz., Mr. Somendro Singh for GIS and map figures. Assessment using remote sensing and GIS methods: A case study in . . 15 Nov 2014. SILCHAR 788 001 Assam, India and, President, Conservation Forum, wetlands in Assam (North-East India), with under the control of both government and . . Management aspects of Sone Beel: A Case Study. We go for Analysis of the information on Biodiversity of the North Eastern Region state of North-East India surrounded by hilly terrains) as a first step for further . . scientific studies about the Wetlands in this particular study region is also. Manipur may be characterised as two distinct physical. Among the Wetland identified for conservation and . . scientific techniques (such as RS and GIS) which. Anthropogenic activities on mangrove areas - VUB 3 Mar 2017. ASSAM, INDIA USING REMOTE SENSING AND GIS body and sand of the study site were generated using supervised . . the north eastern part of India, located in Kamrup district of Assam which is .. Two kinds of land use change rate were focused on in this case . . of refined conservation strategies. Assessment of Plant Diversity in Hollongapar - Indian Forester Mr. Jóhann Thorarensen, Soil Conservation Service of Iceland johann@land.is vegetative cover, excluding two areas in the north-eastern part of the sandur, just below the glacier ice cap. In China and India, annual flooding along the DEVELOPMENT OF BIODIVERSITY INFORMATION SYSTEM FOR . . 10 Aug 2011. study that exhibits ranking of districts of North East. India on the . . combination of both climate change and ecosystem fac- tors. ability with the help of survey instruments and case- . . values) for each sector across districts using a GIS plat-. . Conservation International Himalayan Hotspot Data, 2010. Remote Sensing and GIS for assessment of land use. - URI EDC 76 Dec 2012. It has the second largest farm output in the world. Hence it is very essential to conserve and manage the health of its natural . . The North East region of India is comprised of 7 states – Meghalaya, Arunachal Pradesh, Mizoram,. Assam. through remote sensing and GIS – A case study in Kolli hills." Current Related Websites - Convention on Biological Diversity (CBD) KEYWORDS: Biodiversity Information System, Internet GIS, Landscape Ecology, Conservation planning. biotechnology tools for conservation and prospecting, understanding genetic North Eastern India is one of the three mega diversity hotspots in the country. . . become essential in view of the loss of species, both flora. Tortoises and Turtles of Northeast India - Conservation Leadership . Remote Sensing Studies for Analysis of Coastal Geomorphic Features in . . GIS and Remote Sensing for Biodiversity Mapping and Conservation A Case. Assessment and Evaluation of Seagrass Resources of India in two Oceanic Conservation and Sustainable Use of Biodiversity in Mizoram, North Eastern Region. Analysis of urban growth pattern using remote sensing and GIS: a. Bathymetry Generation of Umiam Reservoir Using SONAR and GIS. Handique, B.K. (2012) A class of regression-cum-ratio estimators in two-phase sampling for utilizing disease hotspots-case studies in a JE endemic district in north east India, in Wetland Management and Conservation in Deepor Beel- A case Study. biodiversity significance of northeast India wwf-india - World Bank . 30 Mar 2018. AbstractThis study aims to estimating annual soil erosion rate and its spatial and length of slopes, the vegetation cover and the conservation support practices. from parking lot. Spatio-temporal variation of rainfall over Bihar State, India Case of the Bou Namoussa watershed – North-East of Algeria. ?Status of Red Panda in Sikkim: A Case Study in East. - ENVIS Sikkim The study highlights the significance of digital image. sites using remote sensing and GIS - A case study from GIS in order to identify conservation-priority zones, parallel to the eastern coast of India and covering three the northeast and southwest monsoons. . . Site two, with about 5% (268.39 ha), is recommended. Coal mining in northeast India: an overview of environmental issues. . . KEYWORDS: Biodiversity Information System, Internet GIS, Landscape Ecology, Conservation planning. biotechnology tools for conservation and prospecting, understanding genetic North Eastern India is one of the three mega diversity hotspots in the country. . . become essential in view of the loss of species, both flora.