

# Dr. Atul Bora

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## **Educational Qualification:**

B.E. [Hons, G.U.], M.E. [Hons, IIT Roorkee], PhD [G.U.]

## **Specialisation:**

Geotechnical Engineering

## **Subjects Taught and Professional Interest Areas:**

Disaster Management, Construction Management, Environmental Geotechnics,  
Geotechnical Earthquake Engineering, Consultancy Services

## **Other interest areas:**

Sustainable Development Issues & Issues in Sustainability Perspective

## **Publications:**

1. Bora, A. (2009): Mobilising and Engaging Stakeholders for Earthquake Disaster Mitigation: A Sustainable Framework *Proc. of the Brainstorming Session organized by Jorhat Engineering College in association of Jorhat District Disaster Management Authority, June 18, 2009, Jorhat Engineering College*
2. Bora, A. (2008): The City Crisis: Breaking the Vicious Circle *Proc. of the 7th International Ecocity Conference, Ecocity World Summit, April 22-26, 2008, San Francisco, California, USA*
3. Bora, A. (2005): Education for Sustainability-Role of Academy, Industry, Community and Government. *The 1<sup>st</sup> roundtable of the North East Foundation for Regional Sustainability, December 4*
4. Bora, A. (2002): A Sustainable Framework for Earthquake Disaster Mitigation. *12<sup>th</sup> International Symposium on Earthquake Engineering, IIT Roorkee, Roorkee, Vol 1, pp.553-560*
5. Bora, A. (2002): Reducing Earthquake Losses: Some Workable Options *Proc. of the XVIII National Convention of Civil Engineers, Institution of Civil Engineers (I), Assam State Centre, Nov. 9-10, pp 27-30*
6. Bora, A. (1998): A Framework of Earthquake Disaster Mitigation and Preparedness. *Paper Presented in the International Conference on Disaster Management, Organised by Tezpur university, Guwahati 23-26 April*
7. Bora, A. (1998). Coping With Floods: A Unified Approach in the Perspective of Disaster Management *Paper presented in the International Conference on Disaster Management, Organised by Tezpur university, Guwahati, 23-26 April*

8. Bora, A (1997): Sustainability Parameters and Role of Civil Engineers. *Proc. of the International Conference on Civil Engineering of Sustainable Development, Department of Civil Engineering, University of Roorkee*, pp.807-818
9. Bora A. and Ranjan, G (1997): Strengthening of Existing Foundations Using Micro Piles *Proc. of the International Conference of Civil Engineering for Sustainable Development, Department of Civil Engineering, University of Roorkee*, pp.359-388
10. Bora, A. (1997): Degree of Renewability of Contaminated Land and its Management *Proc. of the 2<sup>nd</sup> International Green Symposium on Geotechnics and the Environment contaminated and Derelict Land, Green 2, Krakow, Poland*, pp.10-19
11. Bora, A. (1997): Forecasting Earthquake Damage Scenarios Depending on Soil Condition. *Proc. Workshop on earthquake Disaster preparedness, Department of Earthquake Engineering University of Roorkee, India.*, pp.325-335
12. Bora, A. (1996): An Agenda Towards Utilisation of Water Resources of N.E.Region for Sustainable Development. *Souvenir, National Convention for Utilisation of water Resources of Assam, 6<sup>th</sup> December, District Library, Guwahati*

#### **Popular Articles:**

1. Bora, A. (2005): Incorporating Sustainability in Education *The Assam Tribune*, March 19, pp.3
2. Bora, A. (2005): Golden Jubilee of AEC and Sustainability Issues, *Souvenir-I, AEC Golden Jubilee Celebration*, January 25, pp.1-2
3. Bora, A (2003): National Water Policy, River Linking and North-East, *The Assam Tribune*, October 28, pp.3
4. Bora, A. (2003). “ৰাষ্ট্ৰীয় জলনীতি, নদীসংযোগীকৰণ আৰু উত্তৰ পূৰ্বাঞ্চল” *The Amar Asam*, November 4, pp.3
5. Bora, A. (2001). Managing Quakes: A Sustainable Framework, *The Assam Tribune*, March 21, pp.3
6. Bora, A. (1998). “অসমৰ বানপানী সমস্যাৰ স্থায়ী সমাধানৰ প্ৰাথমিক দিশ সমূহ” *Natun Padatik*, 3<sup>rd</sup> Issue, pp.43-49
7. Bora, A. (1997). “স্বৰাজ্যোত্তৰ অৰ্ধশতিকাৰ অসমৰ উত্তৰনৰ পথ” *The Dainik Asam*, August 21
8. Bora, A. (1997). “অসমৰ জল সম্পদ আহৰণত থকা জটিলতা আৰু ইয়াৰ সমাধান প্ৰয়াসী এখন কাৰ্যসূচী” *The Asam Bani*, January 17
9. Bora, A. (1996). “দুৰ্যোগ ব্যৱস্থাপনাৰ দৃষ্টিভঙ্গীৰে অসমৰ বানপানী সমস্যা আৰু সমাধান” *Prantik*, September 1-15, pp.25-28