

Biographical sketch- Ruchi Bhattacharya, Environmental Dynamics, Dept. of Geosciences, University of Arkansas

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(a) Professional Preparation:

University of Lucknow, India Biology B.S. 2003

Banaras Hindu University, India Environmental Science M.S 2005

(b) Appointments:

2006-Present: Graduate Teaching Assistant, Environmental Dynamics, Department of Geosciences, University of Arkansas

2005-2006: Worked in an Environmental Nonprofit Organization, Lakshmiji Audyogic Sansthan, Lucknow, India.

2002-2003: Worked in Ruchir Mahila kalakendra, Nonprofit Organization, Environmental Educator, Lucknow, India.

2001-2002: Naunihal Hostel Proctor, Isabella Thoburn College, Lucknow Univeristy, India

(c) Poster Presentation:

June 2007: Presented a poster "Multi-proxy reconstruction of Paleofloods of Congaree River, Congaree National Park, SC" at Arkansas Water Resource Center, Arkansas

July 2007: Presented a poster "Planned reconstruction of paleoflood records from the Congaree River, Congaree National Park, SC" at the 4th International Limnogeology Conference, Barcelona.

Feb 2008: Presented a poster "Planned reconstruction of paleoflood records from the White River, White River Wildlife Refuge, AR" at the Floodplain Ecosystem Symposium, Little Rock, Arkansas

April 2008: Presented a poster "Projected reconstruction of paleoflood records from the White River, White River Wildlife Refuge, AR" at the Arkansas Water Resource Center, Arkansas

October 2008: Presented a poster "Reconstruction of paleoflood records from the White River, Arkansas" at the 39th Annual Binghampton Geomorphology Symposium, University of Texas, Austin

(d) Synergistic Activities:

1. I have taught Principles of Biology Laboratory to undergraduates. I have actively taken part in syllabus modification and developing innovative ways for teaching the laboratory.

2. I have worked in Non Profit Organizations where my primary responsibility was to spread environmental awareness amongst people of rural background in India. I have also worked in close association with farmers in India and organized workshops for treatment of sodic soils by innovative and organic treatments.

3. I have also taken active part in organizing workshops to promote rainwater harvesting techniques in urban and rural settings in India.

4. Volunteered in Ganga Bachao Andolan, Varanasi, India. I have been actively involved in Ganges River clean-up process. I have organized field trips for school children to spread awareness about river pollution and actions needed for preventing further pollution.

5. Volunteered in Nukkad Natak Mandali to raise money for upliftment of downtrodden women and children in Northern India.

6. Member of Child Relief and You-Northwest Arkansas Chapter (CRY). I have co-organized several events to raise funds for supporting the studies of poor children in India.

(f) Workshop and Internship

1. 2008 University of Iowa, Lakeside Laboratory: Ecology and Systematics of Diatoms Intensive Field and Laboratory Class.
2. 2006 Workshop on Ground Water Recharging and Urban Rainwater Harvesting, Central Ground Water Board, Ministry of Ground Water Resources, Govt. Of India
3. 2005 Internship in Characterization and Treatment of Hazardous Chemical Wastes from Combined Effluent Treatment Plants, Andhra Pradesh Pollution Control Board, Govt. of India
4. 2005 Attended Training Session on Reduction and Control of Fly-Ash Emissions from Thermal Power Plants, Central Pollution Control Board, Govt. of India

(e) Other Personal

1. Received of Doctoral Academy Fellowship, University of Arkansas
2. Received GSA Graduate Student Research Grant, 2008
3. Received NSF-SGER Grant, 2008