

# Asmita Bhardwaj

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- Objective** Develop expertise in international environmental policy and climate change
- Education** **Masters in Urban and Regional Planning** (Anticipated May 2002). *Current GPA: 3.84*  
Concentration: Environmental Planning and Policy  
Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, VA  
*National American Institute of Certified Planners Award to a Graduate Student for Academic Achievement*
- Bachelor of Planning** (May 1999). *Gold Medal*  
School of Planning and Architecture, India
- Work Experience** **Intern.** June 2001-August 2001  
Office of Surface Mining, Washington DC, USA and Virginia Water Resources Research Center, Blacksburg, VA  
*Guest River Watershed Project, Lonesome Pine Soil and Water Conservation District, VA*
- Designed and conducted surveys and created an ACCESS database for storing and analyzing information about sewage disposal systems in the watershed
  - Educated homeowners about septic systems and watersheds
- Upper Powell River Watershed Project, Hands Across the Mountain, VA*
- Created a database for setting a water quality baseline for impaired streams in the watershed and prepared a status report
  - Mapped watershed improvements in the watershed using a GPS and Arcview GIS
  - Assisted environmental education workshops on Save Our Streams Method for 4<sup>th</sup> and 7<sup>th</sup> graders
- Teaching Assistant.** August 2000-present  
Department of Urban Affairs and Planning, Virginia Tech
- Providing teaching assistance for course in Pollution Control Planning and Policy
  - Assisted research for proposal on the comparative analysis of community based natural resource management institutions in India
- Research Assistant.** Fall 2001-present  
Center for Public Administration and Policy
- Assisting research on modeling of urban scenarios for the 21<sup>st</sup> century
- Research Assistant.** October 1999-July 2000. **Intern.** June 1999-September 1999  
Forestry and Biodiversity Unit, Tata Energy Research Institute, India
- Joint Forest Management Project (JFM). Winner of UNEP Saving the Drylands Award*
- Designed and conducted baseline socio-economic and vegetation surveys and microplanning exercises in JFM villages in India and prepared status reports
  - Conducted feasibility studies and developed a proposal on micro enterprises
  - Designed technical booklets on baseline surveys and micro planning for use by JFM communities and the Forest Department
- World Bank Uttar Pradesh Biodiversity Project*
- Provided research assistance on biodiversity planning and policy in parks and protected areas of Uttar Pradesh, India
- Other Project Related Activities*
- Contributed to other proposals and expressions of interest

**Intern.** June 1998-August 1998

Research and Publication Unit, Center For Science and Environment, India

*Citizen's Fifth Report on State Of India's Environment*

- Assisted in research, documentation and editing

*Citizen's Sixth Report on State Of India's Environment*

- Prepared treatment notes on various environmental issues

**Intern.** June 1997-August 1997

Planning Department, Aurofuture, Auroville

- Assisted preparation of transportation and landscape plans for Auroville, an international town in India

**Papers,  
Reports and  
Presentations**

- "Towards a Systematic, Conceptual Theory of Sustainable Cities". John Dickey, Asmita Bhardwaj and Vinay Suryavanshi. Paper presented at the 2001 Annual Conference of Association of Collegiate Schools of Planning, Ohio, November 2001
- "Water Quality Baseline for Upper Powell River Watershed, Wise County, Virginia". Report submitted to Office of Surface Mining, Washington DC, August 2001
- "Baseline Surveys and Microplans for Darpur and Dhatogran, Haryana". Status reports for Joint Forest Management villages submitted to Ford Foundation, India, March 2000
- "Enterprise Development in Haryana-Adding value to local livelihoods". Report submitted to Ford Foundation and presented to the State Level Working Group for Joint Forest Management, India, August 1999

**Relevant  
Academic  
Projects**

- **Use of Landuse and Landcover Datasets in US for analysis of uncertainties in idea of Kyoto Protocol**, Project, GIS and Natural Resources. 2001  
Used NLCD and GAP datasets to depict uncertainties in idea of sinks in the Kyoto Protocol
- **Quality of Life Plan** (Comprehensive Development Plan), Roanoke, Virginia. 2000  
Recommended Best Management Practices for Floodplain Management and Urban Forestry
- **Regional Development Plan**, Vishakhapatnam, India, 1999  
Developed strategic plan for Industries, Trade and Commerce sector in a port city
- **Master Plan**, NOIDA, India, 1998  
Developed strategic plan for Housing and Community Facilities in a suburban city

**Computer  
Skills**

- Excellent Knowledge of MS Word, Access, Excel and PowerPoint, Internet
- Intermediate knowledge of Arcview GIS, SPSS, MS Frontpage

**Awards and  
Activities**

- Semi-Finalist, **Presidential Management Internship- 2002**, US Office of Personnel Management, USA
  - **Service Trainer for Environmental Progress**, Virginia Tech, 2001
  - **Gold Medal**, Overall and B. Planning Thesis, India, 1999
  - **GATE Scholarship**, Ministry of Human Resource Development, India, 1999
  - **National Merit Scholarship**, All India Senior Secondary Examination, India, 1995
  - Member, **American Planning Association**, USA
  - **American Red Cross Certificate in Adult CPR and Community Water Safety**, Montgomery County, USA, 2001
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