

## TANVI NAGPAL

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Tanvi Nagpal is the Director of the International Development Program at the Paul H. Nitze School of Advanced International Studies (SAIS), Johns Hopkins University. She provides strategic academic and administrative leadership for the program, teaches classes on service delivery and inclusive urbanization, and leads the year-long Practicum for second year students. Dr. Nagpal has over two decades of experience in international development policy research and program management. She has applied her academic training in political economy to a wide range of development issues including sustainable and equitable water, sanitation and solid waste service delivery; supporting communities and local governments to manage environmental resources; and generating support for pro-poor urban policies and programs. Her work experience ranges from positions at the World Bank to think tanks and non-government organizations. In addition to leading policy research and programs, her professional responsibilities have included fund raising and managing budgets. Professor Nagpal is an affiliated scholar at the Urban Institute where her research focuses on financing for pro-poor water and sanitation improvements.

### EDUCATION

- Ph.D., Political Science, Brown University, Providence, RI (1994)
- A.M., Political Science, Brown University, Providence, RI (1990)
- B.A., Economics, St. Stephen's College, Delhi University (1988)

### PROFESSIONAL EXPERIENCE

**Director and Practitioner in Residence, International Development Program,  
Paul H. Nitze School of Advanced International Studies (SAIS), Johns Hopkins University (August 2010-current)**

Professor Nagpal is the Director of the International Development Program at SAIS. She is responsible for setting academic objectives and managing the program, including budgets, adjunct faculty, and student advising. She also anchors the Social Policy and Programs track and teaches courses on *Service Delivery in Developing Countries, and Inclusive Urbanization*. Professor Nagpal leads the International Development Practicum, a year-long engagement in which student consultant teams work with high profile external clients. Her ongoing research focuses on pro-poor financing and service delivery.

**Urban Institute, Affiliated International Development and Governance Scholar (July 2013-current)**

Led a study, funded by the German Technical Development Agency (GTZ), on identifying innovative sources and models for financing the Sustainable Development Goals for safe and sustainable water provision. Results of the study were presented at World Water Week in Stockholm in August 2018. GIZ is using study recommendations to explore the creation of a Water Fund.

Led a two year practical research grant to explore ways to increase municipal funding for pro-poor sanitation in three cities in sub-Saharan Africa. The grant combines desk and field research in Maputo (Mozambique), Nakuru (Kenya) and Ga-West, Ghana.

### **Independent Consultant (April 2010-current)**

- **IMC World Wide (2016)** Served as a judge for the DFID – funded Sanitation Challenge for Ghana in which local governments were awarded prizes for designing and implementing innovative strategies to improve pro-poor sanitation in their jurisdictions.
- **The Conrad N. Hilton Foundation (July 2011-July 2012)** Evaluated water and sanitation investments made by the Foundation in the last decade. Provided programmatic and strategic recommendations to the senior management of the Foundation, and prepared a report outlining the successes, failures and lessons of the decade long program to support safe water access in rural communities.
- **The Bill and Melinda Gates Foundation- Water, Sanitation and Hygiene Program, (April 2010- January 2011)** Provided guidance and advice to seed new and innovative grant opportunities within the sanitation portfolio. As a long-term consultant, provided management support to the team, representing the team at international meetings, and advising and supporting selected grantees.

### **Director, Water and Sanitation Initiatives, Global Water Challenge (2007-March 2010)**

In her capacity as Global Water Challenge's (GWC) first Director of Programs, Dr. Nagpal oversaw the creation of a dynamic and innovative body of investments in the water and sanitation sector, and built a program of collaborative learning among 24 GWC members. Tanvi was responsible for building relationships with new and existing GWC partners, monitoring grants, and donor stewardship. She represented GWC and its partners at numerous domestic and international events and conferences.

- Responsible for developing GWC's strategy for investing in school water, sanitation and hygiene and supporting local entrepreneurs. The strategy led to the establishment of programs in 10 countries and leveraged significant resources from other donors.
- Guided conception and execution of Ashoka Changemakers.net competition to identify local entrepreneurs in the water and sanitation sector, judged competition, and identified investment opportunities in four countries.
- Led two international Learning Forums (2008 and 2009) on Barriers and Opportunities for Private Sector Investment in Local Water and Sanitation Business, and Scaling Sustainable Water and Sanitation at for Schools.
- Oversaw 16 water and sanitation programs in 10 countries. Providing guidance to grantees on program development, improving monitoring, evaluation and reporting.
- Collaborated with research institutions in reviewing and evaluating project effectiveness and sustainability.
- In collaboration with Deloitte and Touche Consulting, developed a new, simple reporting tool for grantees.
- Assured effective information dissemination, industry lessons learned and best practices, including writing white papers, op-eds, blogs and journal articles for wider dissemination.
- Prepared regular reports for donors and the Board.

**Consultant, The World Bank, East Asia Environment and Social Unit (1995-2005)**

- Policy Research on Environmental Issues in Provincial Towns in Mongolia. Responsible for study design, data collection, in-country consultations and writing of a World Bank Discussion Paper.
- Member of a multidisciplinary group managing the Metropolitan Environmental Improvement Program (MEIP) in Asian cities. MEIP assisted urban metropolitan areas in developing environmental management strategies and action plans; strengthened environmental institutions; identified high priority investment; promoted community involvement in environmental improvement; and initiated cross-country exchange of lessons learned.
- Responsible for designing and evaluating pilot community-led initiatives (solid waste and sewage management, water provision, environmental restoration, greening etc.), daily management, reviewing contracts of the East Asia regional program including programs in the Philippines and Indonesia, and maintaining communications with donors; Manager of new MEIP-Haiphong, Vietnam and team member of post-crisis initiative in Thailand.
- Led the desk assessment of the project portfolio in Vietnam for compliance with World Bank environmental and social safeguards processes, and joined a team of environmental and social experts for subsequent field assessment in Vietnam from January-June 2001.
- Part of team engaged in the Government of Vietnam in the preparation of the Five and Ten-year Environmental Plans. Prepared analytical piece for Government, bilateral and multilateral discussion at Consultative Group Meeting for Vietnam, December 14-15, 2000.
- Team member assessing World Bank experience in the implementation of environmental management plans in urban projects in China and Indonesia. Internal research notes prepared for the World Bank on research findings.
- Team member of RAINS-ASIA, an integrated approach to assess the extent and impact of acid rain in Asia. Responsibilities included technical writing and editing of program documents, contract management and resource mobilization. Conducted research and published papers on the costs of acid rain deposition in China, and the benefits of alternative mitigation strategies.
- Responsible for providing technical oversight for World Bank Institute's Clean Air Initiative websites for Asia and Latin America and for production of educational modules on design and management of air pollution programs in Asia.

**Adjunct Professor, Elliot School of International and Global Affairs, The George Washington University (2001- 2007)**

Designed and taught graduate seminars titled, Collective action and environmental change and, Local Impacts of Globalization. Responsible for guiding Masters level students with an 'environment and development' concentration. Member of the International Development Studies Faculty Advisory Group.

**InterAcademy Council, National Academy of Science, Washington DC and Amsterdam, The Netherlands (July 2001-December 2001)**

Research associate for InterAcademy Council's study on Science and Technology Capacity for the 21st century.

### **Associate, World Resources Institute, The 2050 Project, Washington, DC (1993-1995)**

- The 2050 Project conducted and coordinated integrated policy research designed to explore the conditions for achieving a sustainable existence on this planet by the middle of the next century. It examined alternative concepts of sustainability, explored desirable future conditions and the actions needed to reach them, as well as the potential for surprises that could profoundly alter future trends. The Project aimed to develop regionally-specific policy recommendations for use by decision makers in all spheres, governmental and nongovernmental.
- Organized meeting on Transition to Sustainability in Africa-- a visioning exercise involving more than 50 international participants from 32 countries. Edited a book examining a sustainable future for Africa.
- As consultant to the Africa Program at WRI, co-authored research papers on the role of the environment and natural resources in Africa's development and on nontraditional agricultural exports in Africa. These papers later became chapters in WRI Reader on natural resources management in Africa.

### **Lecturer and Research Assistant, Brown University, Providence, RI (1992, 1990)**

- Designed and taught seminar entitled, Facing the Future: World Hunger and Poverty in 2050, with Dr. Robert Chen; Designed and taught course on the Political Economy of Oil, the EC, and the Environment
- Research assistant – Alan Shawn Feinstein World Hunger Program (1989-93)

## **PUBLICATIONS**

### **Academic**

- **Tanvi Nagpal** and Rachel Rose (2017) "Message, method and messenger – a literature survey and typology for planning strategic advocacy." *Journal of Water, Sanitation and Hygiene for Development*. 07.1.
- **Tanvi Nagpal** and Rachel Rose (2014) *Method, Message and Messenger: Literature Review*. Urban Institute <http://www.urban.org/research/publication/message-method-and-messenger-literature-survey>
- **Tanvi Nagpal** and Mark Radin (2014) "Water and Sanitation for all: Improving WASH access from 1980 to the post-2015 world." *The SAIS Review of International Affairs*. Summer-Fall 2014, Vol 34, No. 2.
- **Tanvi Nagpal** (2009) "An NGO in search of a business model: Case Discussion of Sulabh International." *Innovations*. Volume 4, Issue 3.
- **Tanvi Nagpal** and Giovanna Dore. (2006) "Urban Transition in Mongolia: Pursuing Sustainability in a Unique Urban Environment." *Environment*. Volume 48, Number 6.
- Jitendra Shah, **Tanvi Nagpal**, Todd Johnson, Marcus Amman et al. (2000) "Integrated Analysis for Acid Rain in Asia: Policy Implications and Results of the Rains-Asia Model." *Annual Review of Energy and Environment*, 25:339-375.
- **Tanvi Nagpal**. (1995) "Voices from the Developing World: Progress toward Sustainable Development," *Environment*, 37(8).
- **Tanvi Nagpal** and Camilla Foltz eds. (1995) *Choosing our Future: Essays and Interviews on Sustainability, The 2050 Project, Washington, DC*.

## Policy and Technical Papers

- **Tanvi Nagpal**, Ammar Malik, Matthew Eldridge, Yoori Kim and Chloe Hauenstein (2018) Mobilizing Additional Funds for Pro-Poor Water Services: An Exploration of Potential Models to Finance Safe Water Access in Support of Sustainable Development Goal 6.1. Johns Hopkins University and Urban Institute <https://www.urban.org/research/publication/mobilizing-additional-funds-pro-poor-water-services>
- Ben Edwards, **Tanvi Nagpal**, Rachel Rose et al. (2015) Municipal Finance for sanitation in three African Cities. Discussion Paper #007. WSUP and Urban Institute <http://www.publicfinanceforwash.com/resources/municipal-finance-sanitation-three-african-cities>
- **Tanvi Nagpal** (2013) Tapped Out. SAISPHERE- 2012-2013. <http://media.sais-jhu.edu/saisphere/article/tapped-out>
- **Tanvi Nagpal** (2012) *Providing Access to Safe Water*. Conrad N Hilton Foundation. In-practice Paper Series. <http://www.hiltonfoundation.org/impact-learning/in-practice>
- **Tanvi Nagpal** (2009) *Clean Start: Focusing on School Water, Sanitation, and Hygiene. A Reflection from GWC*. Global Water Challenge, Washington DC.
- P. Illangovan, Jill Blockhus, Phuong Tran, **Tanvi Nagpal**, Todd Johnson, B. Leplante. (2000) "Improving Environmental Quality," in Vietnam 2010: Entering the 21<sup>st</sup> Century, Vietnam Development Report. The World Bank, Asian Development Bank and United Nations Development Program.
- Jack Fritz, Heinz Unger and **Tanvi Nagpal**. (2000) "Implementing Environmental Management Plans: A Review of Selected Urban environmental Projects in China". Environmental and Social Safeguard Note, Number 1, EASES, The World Bank.
- Heinz Unger and **Tanvi Nagpal**. (2000) "Implementing Environmental Management Plans: A Review of Selected Urban Environmental Projects in Indonesia". Environmental and Social Safeguard Note, Number 2, EASES, The World Bank.
- P. Illangovan, **Tanvi Nagpal** et al. (1999). "The Colombo Story: Piloting Environmental Change in Sri Lanka." Metropolitan Environmental Improvement Program, The World Bank.
- **Tanvi Nagpal**, Lori Ann Thrupp, and Peter G. Veit (1998) "Non Traditional Agricultural Exports in Africa: Rewards, Risks and Opportunities for Change." In Africa's Valuable Assets: A Reader in Natural Resource Management. World Resources Institute, Washington, DC.
- Peter G. Veit, **Tanvi Nagpal**, and Thomas Fox. (1998) "Africa's Wealth, Woes, Worth." In Africa's Valuable Assets: A Reader in Natural Resource Management. World Resources Institute, Washington, DC.
- Jitendra J. Shah and **Tanvi Nagpal** eds. (1997) Urban Air Quality Management Strategy in Asia: Kathmandu Valley Report. Technical Paper No. 378. The World Bank, Washington, DC.
- Jitendra J. Shah and **Tanvi Nagpal** eds. (1997) Urban Air Quality Management Strategy in Asia: Jakarta Report. Technical Paper No. 379. The World Bank, Washington, DC.
- Jitendra J. Shah and **Tanvi Nagpal** eds. (1997) Urban Air Quality Management Strategy in Asia: Metro Manila Report. Technical Paper No. 380. The World Bank, Washington, DC.
- Jitendra J. Shah and **Tanvi Nagpal** eds. (1997) Urban Air Quality Management Strategy in Asia: Greater Mumbai Report. Technical Paper No. 381. The World Bank, Washington, DC.
- Jitendra J. Shah, **Tanvi Nagpal**, and Carter J. Brandon eds. (1997) Urban Air Quality Management Strategy in Asia: Guidebook. The World Bank, Washington, DC.
- Jitendra J. Shah and **Tanvi Nagpal** (1997) "Air Quality Management Programs in Asia: the example of Mumbai, India," *Energy Environment Monitor*, 13(1).

- Peter G. Veit, **Tanvi Nagpal**, and Thomas Fox. (1995) *Africa's Wealth, Woes, Worth*. WRI Issues and Ideas, World Resources Institute, Washington, DC.
- Robert S. Chen and **Tanvi Nagpal**. (1991) *Measurement of Food Poverty: An Annotated Bibliography*, Alan Shawn Feinstein World Hunger Program, Brown University, Providence, RI.
- **Tanvi Nagpal**. (1991) "Mobilizing support for Bellagio goals. Conference Summary on the Fourth Annual Research Briefing and Exchange." *Food Policy*, 16(5).
- Mohan Guruswamy and **Tanvi Nagpal**. (1989) India's China War, *Times of India*, National Daily, March 7 and 14.

#### **Online essays**

- Ranit Mishori and **Tanvi Nagpal** (2015) Women and Toilets: A Tale of Two Worlds <http://www.huffingtonpost.com/ranit-mishori-md-mhs/women-and-toilets-a-tale- b 8575622.html>
- Regular Contributor Axios Expert Voices <https://www.axios.com/authors/TanviNagpal>