

## Katherine Sierra

**Senior Fellow, The Brookings Institution, Global Economy and Development Program (August 2010- June 2013); Non-Resident Senior Fellow (July 2013-ongoing)**

**Climate Change and Sustainable Infrastructure.** Conducts policy research on climate change, with a particular emphasis on the developing world. Specific policy interests include design of international public climate finance to leverage private finance; climate finance governance; and sustainable infrastructure. Recent research made the case for investment in project preparation as a means of generating investment in infrastructure in Africa; presented options for design of the Green Climate Fund private sector facility building on lessons of relevant funds, including infrastructure funds; and outlined recent trends in sustainable infrastructure.

**Vice President, Sustainable Development (July 2007-June 2010), Vice President, Infrastructure (October 2004-June 2007)**

- **Headed the largest of the Bank's five technical networks**, including the Bank's Infrastructure (including energy, transport, water and urban development), Environment, Agriculture, and Social Development practices, made up of 1400 global technical staff. Also co-managed with an IFC VP joint programs in: Oil, Gas and Mining; Information and Communications Technologies; and Sub-National Finance.
- **Led the World Bank Group's Climate Change Strategy**, and Bank spokesperson at UNFCCC, G-20, G-8 meetings on climate and environment.
- **Led negotiations for, and implementation of, the \$6.5 billion Climate Investment Funds.** Negotiations bridged strong opposing points of views of donor and recipient stakeholders, resulting in innovative governance mechanisms, ensuring equal representation on decision-making bodies of donors and developing countries The Clean Technology Fund, one of the specialized CIF windows, leveraged 1 dollar of concessional finance with 9 dollars in market based private/ public finance, supporting at scale investments in wind, concentrated solar, geothermal, urban transit and energy efficiency. Other CIF programs promote climate resilience; tackle the drivers of deforestation; and support renewable energy solutions in the poorest countries.
- **Managed a \$2.5 billion carbon finance business.** Innovations included the Forest Carbon Partnership Facility that prepares forest nations to take advantage of anticipated performance payments schemes for reduction in deforestation; and the Carbon Partnership Facility which aims to pave the toward programmatic approaches for carbon offsets.
- **Scaled-up impact through new World Bank Group sector strategies.** The *Infrastructure Action Plan* re-built a practice in decline, taking lending from a low of \$5 billion in 2003 to \$18 billion in 2009. The *Strategic Framework on Development and Climate Change* resulted in major new Bank Group investment in knowledge, financial innovation and partnerships. The *Clean Energy Investment Framework* focused on leveraging innovative finance and technology, leading to a strong growth in Bank Group investment in renewable and energy efficiency to \$3.3 billion by 2009.
- **As Chair of the Consultative Group for International Agriculture Research**, led a major reform to re-direct the system of 15 independent research centers on four continents toward high

impact and result oriented research; to open the system to more dynamic partnerships; and to create a more accountable organization that could attract increased donor funding. The reform set the stage for an increase in CGIAR funds of \$500 million/year prior to the reform to \$1 billion by 2013.

**Vice President, Human Resources (January 2001-September 2004)**

Solved long-standing disputes between management and the Staff Association, negotiating pension benefits for former long term consultants. Introduced domestic partner benefits. Introduced leadership succession planning which met industry best practice standards. Member of Pension Finance Committee.

**Vice President, Operational Core Services (February 1999-December 2000), Director OCS (July 1997-January 1999), Operations Advisor, Quality Assurance Group (May 1996-June 1997)**

Responsible for renewal of investment lending procurement and financial management practices. Led the operational stream of information systems renewal, using it to simplify processes.

**Division Chief, Environment and Urban Development, China and Mongolia Department (September 1993-April 1996)**

Responsible for Bank environmental management and urban development programs in China and Mongolia. Examples include major wastewater management systems in Shanghai, air pollution abatement in Beijing, urban transport in Shanghai and Guangzhou.

**Various, Latin America and the Caribbean Region (September 1978 – August 1993)**

Joined the Region under the Bank's Young Professionals Program. Held increasingly responsible positions in infrastructure and environmental management, country coordination, and quality enhancement. Experiences included transport economist responsible for ports and railway programs in Mexico and road programs in Peru, Ecuador, Nicaragua, Jamaica, Dominica and Belize; quality support for water and wastewater programs; leadership of Bank's first environmental management program in Chile.

**Other**

**Independent Board Member, Global Infrastructure Hub, (September 2015 – Ongoing)**

**Chair, Gold Medal Jury for WEC Sustainability Award, World Environment Center (July 2010 – ongoing; Chair as of 2014)**

**Member, External Advisory Council: Ingersoll Rand Center for Energy Efficiency and Sustainability (2010– ongoing)**

**Member, Advisory Council, Joint Institute on Strategic Energy Analysis (2014 – ongoing)**

**Member, Advisory Council, American Society of Civil Engineers Sustainable Infrastructure Conference (2013 – ongoing)**

**Member, National Research Council, Policy and Global Affairs Division Oversight Committee (December 2011 – November 2014)**

**Member, External Advisory Council, AECOM Environment (2011 – April 2013)**

**Strategic Consulting Assignments: Global Environment Facility (July 2015 – ongoing)**

**Education**

The General Managers Program, Harvard Business School, 1998

Masters, City and Regional Planning, Graduate School of Design, Harvard University 1978

BA, Anthropology and BA Hispanic Civilization, University of California at Santa Barbara, 1976