ABOUT THE AUTHORS

Sunil Chacko is Executive Director of the Science and Conscience Foundation in Geneva. He conducts science, technology, finance and equity analysis on the medical, digitalgenomics, pharmaceutical and biotechnology sectors. He has received an M.D. from Kerala University in India, a masters in public health from Harvard University and an M.B.A. from Columbia University, along with training in information technology and database/software programming. He has worked as a physician; as adviser to the Rockefeller Foundation on harnessing new sciences for technology development and partnerships; as a project director at the International Commission on Health Research for Development on applying debt-swap methodology for financing social development; and for the World Bank Group, Harvard University and the United Nations Children’s Fund (UNICEF). He served as Chief Executive Officer of New Info Solutions, an Internet and medical technologies consulting company. His most recent publication is The Rise of the Value-Added Pharmaceutical and Biotechnology Industry in India.

Stephen Denning was the Program Director, Knowledge Management at the World Bank from 1996 to 2000. He now consults with organizations in the United States, Europe and Australia on knowledge management and organizational storytelling. He is the author of the book entitled The Springboard: How Storytelling Ignites Action in Knowledge-Era Organizations, which describes how storytelling can serve as a powerful tool for organizational change and knowledge management. In November 2000, Mr. Denning was selected as one of the world’s Ten Most Admired Knowledge Leaders (Teleos), along with Jack Welch (General Electric) and John Chambers (Cisco Systems). He studied law and psychology at Sydney University and did a postgraduate degree in law at Oxford University before joining the World Bank, where he worked for several decades and held various management positions. For more information on some of the issues discussed in this book, see www.stevedenning.com.

David Ellerman is an adviser and speechwriter to the Chief Economist of the World Bank, previously Joseph Stiglitz and currently Nicholas Stern. His undergraduate education was in humanities at the Massachusetts Institute of Technology; he also has two masters degrees, in philosophy and in economics, and a Ph.D. in mathematics from Boston University. He has taught mathematics, economics, computer science, operations research and accounting at various universities, and founded a small consulting company in Eastern Europe before joining the World Bank ten years ago. His most recent book was Intellectual Trespassing As a Way of Life: Essays in Philosophy, Economics, and Mathematics. His essay in this volume is based on a recently completed book manuscript entitled Helping People Help Themselves: Towards a Theory of Autonomy-Respecting Assistance.

Sakiko Fukuda-Parr is currently the Director of the Human Development Report Office at the United Nations Development Programme. She was the lead author of the Human Development Report (HDR) 2001: Making New Technologies Work for Human Development. She was also lead author with Mahbub ul Haq of HDR 1995, on gender;
and with Sir Richard Jolly of HDR 1996, on growth, poverty, consumption and globalization, and HDR 1997, on human rights. She led the UNDP team on the 1993 publication—by the UNDP Regional Bureau for Africa and Elliot Berg—of *Rethinking Technical Cooperation: Reforms for Capacity-Building in Africa*. She is a graduate of Cambridge University, the Fletcher School of Law and Diplomacy, and the University of Sussex.


**Juana Kuramoto** is an economist and Associate Researcher at the Group of Analysis for Development (GRADE). She is a Ph.D. candidate in technology and innovation policy at the University of Maastricht, and holds a masters of science in public policy from Carnegie Mellon University. Ms. Kuramoto has research experience in topics related to technological change and development, with a focus on issues such as the linkages generated between mining and the rest of industry, the technological change in the mining industry, and the contribution of mining to local and regional development. Recent publications include: *Las Aglomeraciones Productivas Alrededor de la Minería: El caso de la Minera Yanacocha S.A* and *Evolución y Desafíos de la Política Científica y Tecnológica en América Latina* (with Francisco Sagasti).

**Sanjaya Lall** is Professor of Development Economics at the International Development Centre and a Fellow of Green College at Oxford University. He was educated at Oxford and has been a staff member of the World Bank. He has acted as adviser and consultant to many international organizations and national governments on industrial development, technology policies and foreign direct investment. He has published extensively on these issues, with some 30 books and over 200 journal articles. His last book, *Competitiveness, Technology and Skills*, was published in 2001. His next one, *Failing to Compete: Technology Development and Technology Systems in Africa*, will appear in summer 2002.

**Carlos Lopes** has a masters in development economics from the University of Geneva and a Ph.D. in history from the Univeristy of Paris1-Pantheon-Sorbonne. After serving in the civil service of his native Guinea Bissau, he taught or conducted research in several universities, including in Lisbon, São Paulo, Mexico, Uppsala and Zurich, before joining the United Nations Development Programme in 1988 as a development economist. He is currently the Acting Director of UNDP's Bureau for Development Policy. Lopes has authored or edited 20 books on subjects related to development.

**Khalid Malik** is Director of the Evaluation Office at the United Nations Development Programme, following his assignment as UN Representative in Uzbekistan. Educated as an economist at the universities of Oxford, Cambridge, Essex and Punjab, he has held a variety of key managerial, technical and policy positions at UNDP. He is presently the Chair of the UN Interagency Group on Evaluation. Since 1998, he has been
instrumental in the introduction of results-based management at UNDP, which is emerging as a critical factor in the reform of the organization. Jointly with the World Bank and key bilateral organizations, he has helped shape the emerging evaluation agenda and contributed to the global debate on the development effectiveness of aid agencies. He has edited books and authored articles on a range of topics, including poverty and inequality, science and technology, culture, evaluation and results-based management.

Thandika Mkandawire is the Director of the United Nations Research Institute for Social Development (UNRISD) in Geneva. He studied economics at Ohio State University and the University of Stockholm. From 1986 until 1996, he was the Executive Secretary of the Council for the Development of Social Research in Africa (CODESRIA). Recent publications include: “Thinking about Development States in Africa,” in the Cambridge Journal of Economics, and Our Continent, Our Future: African Perspectives on Structural Adjustment (coauthored with Charles Soludo).

Devendra Raj Panday, who has a Ph.D. in public and international affairs from the University of Pittsburgh, is a former Finance Secretary and Finance Minister in the Government of Nepal. Currently, he is associated with several civil society institutions in Nepal and abroad, focusing on issues related to democracy, transparency, human rights, development aid and people-centred development. His recent publications include two books: Nepal’s Failed Development: Reflections on the Mission and the Maladies; and Corruption, Governance and International Cooperation: Essays and Impressions on Nepal and South Asia.

Gustavo Lins Ribeiro is a Professor in the Department of Anthropology at the University of Brasilia. He holds a Ph.D. in anthropology from the City University of New York, and has published on large-scale construction projects, development as an ideational system, international migration, globalization and transnationalism. He has also served on the board of civil society organizations in Brazil and abroad. Dr. Ribeiro’s book Hydropolitics and Transnational Capitalism in Argentina was published in Brazil, Argentina and the United States. Recent publications include “Cybercultural Politics: Political Activism at a Distance in a Transnational World,” in Cultures of Politics/Politics of Cultures, and “Planeta Banco. Diversidad étnica en el Banco Mundial,” in Estudios Latinoamericanos sobre Cultura y Transformaciones Sociales.

Francisco Sagasti is Director of the AGENDA: Peru programme of activities at FORO Nacional/Internacional. In addition to various academic, private sector and government advisory positions in Peru and other countries, he has been Chief of Strategic Planning and senior adviser at the World Bank; Visiting Professor at the Wharton School of Finance, University of Pennsylvania; and chairperson of the UN Advisory Committee on Science and Technology for Development. He holds a Ph.D. from the University of Pennsylvania and engineering degrees from the National Engineering University in Lima. He is the author of 20 books and monographs, including The Uncertain Quest: Science, Technology and Development (with Celine Sachs and Jean-Jacques Salomon); Democracy and Good Government (with Pepi Patrón, Nicolás Lynch and Max Hernández); Development Strategies for the 21st Century: The Case of Peru; and Financing and Providing Global Public Goods: Expectations and Prospects (with Keith Bezanson).
Joseph E. Stiglitz holds joint professorships at Columbia University’s Economics Department, School of International and Public Affairs, and Business School. From 1997 to 2000, he was the World Bank’s Senior Vice President for Development Economics and Chief Economist. Dr. Stiglitz served as Chairperson of the US Council of Economic Advisors and as a member of President Bill Clinton’s cabinet from 1995 to 1997. Previously a professor of economics at Stanford, Princeton, Yale and Oxford universities, Dr. Stiglitz helped create a new branch of economics—the economics of information—which has received widespread application throughout the field. He also helped revive interest in the economics of technical change and other factors that contribute to long-term increases in productivity and living standards. Dr. Stiglitz was awarded the Nobel Prize in Economics in 2001.

Swarnim Waglé is a consultant at the World Bank. Trained as an economist at the London School of Economics and Harvard University, his academic interests span issues of growth, international trade, poverty and social relations. He is currently enlarging his Harvard monograph, “Claims and Resources: Civic Engagement at the Macro Level,” for publication. A national of Nepal, he has also worked at the BBC in London and the United Nations Development Programme in Kathmandu.