

The Human Face of the Urban Environment

Ismail Serageldin
Michael A. Cohen
Editors



A Report to the Development Community

*On the Second Annual Conference
on Environmentally Sustainable Development
sponsored by The World Bank
and held at The National Academy of Sciences
and The World Bank
Washington, D.C.
September 19–23, 1994*



Environmentally Sustainable Development Proceedings Series No.5

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Preface

The major contribution of the 1992 Rio Earth Summit (the United Nations Conference on Environment and Development, or UNCED) was to raise global consciousness on environmental issues. That event brought together global, national, and local officials; experts; activists; academics; and concerned citizens to pose many questions about the Earth's future. Despite its intended comprehensive character, Rio did not sufficiently focus needed attention on the urgent problems facing people living in urban environments. Yet, about half of the world's population lives in cities, and the Earth is rapidly becoming urbanized!

To focus global and national attention on this problem, the World Bank convened its Second Annual Conference on Environmentally Sustainable Development, "The Human Face of the Urban Environment," in September 1994. This was the first global conference to bring together leaders representing four different perspectives—international institutions, national and local governments, and community groups—to examine the current challenges posed by urban environmental problems; to identify models of good practice in environmental management; and to mobilize global, national, and local energies and resources to address these problems.

This conference and its Associated Events brought together officials from the North and South, from cities as diverse as Barcelona, Hyderabad, Rome, and Santiago, to demonstrate that urban environmental problems are shared by cities in both the North and South and that mutual learning and exchange of experience with urban problems could benefit all countries. Staff from the World Bank, which is already financing interventions reaching 12,000 cities and towns in the developing world, engaged in a rich and enriching dialogue with all these participants.

In response to this event the World Bank pledged itself to:

- Expand its urban environmental assistance to its member countries
- Assist governments to integrate urban environmental issues into national environmental action plans
- Work with national and local governments and nongovernmental organizations to develop indicators for monitoring environmental progress
- Work with the Global Environment Facility to strengthen the linkages between global and urban issues
- Work with other international institutions to focus attention on these problems
- Carry this message forward to the United Nations' Habitat II Conference in Istanbul in June 1996.

Ismail Serageldin and Michael A. Cohen

Acknowledgments

The editors wish to express their appreciation to Alison Cave, editorial consultant, and to Alicia Hetzner, Julie Harris, Barbara Eckberg, Heather Imboden, Christian Perez, Rachel Sengers, K.C. Sivaramakrishnan, Joan Martin-Brown, Josef Leitmann, James McKinney, Virginia Hitchcock, and Nancy Levine for their work in bringing this document to publication. Tomoko Hirata designed the cover.

Part I The Human Face of the Urban Environment

Defining an Approach

In looking toward the twenty-first century the First Annual International World Bank Conference on Environmentally Sustainable Development (ESD), held September 30–October 1, 1993, considered the issues of environmental valuation and water resources as two of the planet's most pressing environmental problems.

In focusing the attention of the international community on “The Human Face of the Urban Environment,” the Second ESD Conference departed from the traditional way of viewing the environment. “Environment” usually conjures images of nature, rather than of the built environment of cities—their roads, sewers, houses, and businesses—or of human interactions with and within the built environment.

The 1992 United Nations Conference on Environment and Development (UNCED) Earth Summit in Rio de Janeiro brought a new concept to the international agenda: *environmentally sustainable development*. ESD comprises three elements: not only the traditional component of *environment* but also the *social* and *economic* components of development, which must be attended to if the environment is to be sustained. Beyond this general framework, the Second ESD Conference emphasized and clarified the political and institutional dimensions found in the crucial issue of *urban environmental governance*.

Since Rio, discourse about environment has focused on the Green Agenda of natural resources and biodiversity. However, to a large extent, it is human activities that create environmental reality.

Human concentration in cities leads to cumulative effects not only on the natural environment but also on the urban environment, in which millions of people live every day.

Three key speakers at the Second ESD Conference introduced themes that drew the human face of the environment.

Ismail Serageldin

Ismail Serageldin, Vice President for Environmentally Sustainable Development at the World Bank, summed up the salience and urgency of the urban environment:

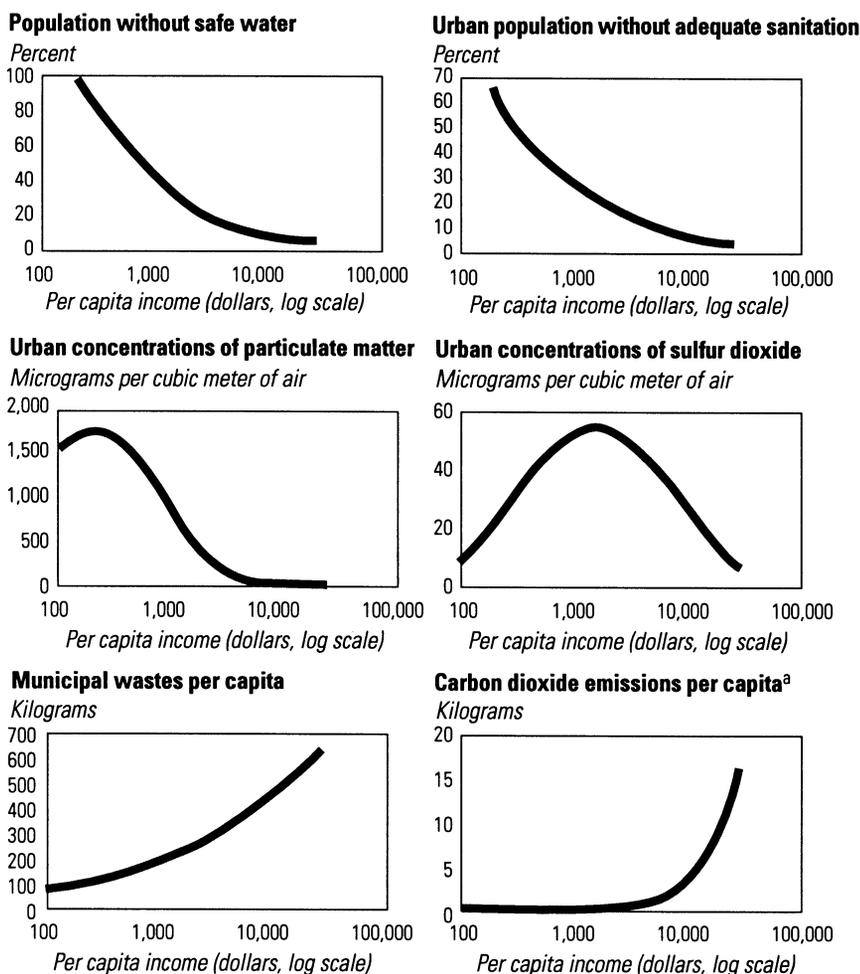
The world has come to understand that global and local, national and regional, rural and urban ecosystems and environmental conditions are all connected; that all of us are downwind and upstream from one another. The urban environmental agenda used to be considered largely a set of local problems. Today, the world community is consumed with revisiting and renegotiating the human agendas. Increasingly, these agendas require critical attention to the human and environmental conditions in cities and towns of all sizes, and poverty, urban poverty, is inextricably part of the problem. . . .

To capture the complexity of this question, Mr. Serageldin challenged conference participants to draw on their varied perspectives as community activists, urban professionals, scholars, local and national government officials, and members of the international development community and hammer out a working definition of the human face of the urban environment. He questioned the tradi-

The world has come to understand that global and local, national and regional, rural and urban ecosystems and environmental conditions are all connected; that all of us are downwind and upstream from one another

— Ismail Serageldin

Figure 2. Environmental indicators at different country income levels



a. Emissions are from fossil fuels.
 Note: Estimates are based on cross-country regression analysis of data from the 1980s.
 Source: World Bank, *World Development Report 1992* (New York: Oxford University Press, 1992), 11.

tional logic of urban agglomeration economies, which has neglected the environmental consequences of urban growth. He focused on the increasingly critical nature of urban environmental problems, showing that different kinds of environmental problems vary with income level (see figure 2 and table 1), and their relationship to urban economic growth. Of primary concern is the impact of environmental problems on the residents of cities, especially the poor. Degradation and depletion of resources have serious implications for the future

viability of cities. Mr. Serageldin emphasized that these problems are faced by all cities: “Every city of the North has its city of the South, and every city of the South has its city of the North.”

In his opening address Mr. Serageldin asked, “Are cities sustainable?” Most major cities, and many secondary ones, do not live within reasonable patterns of resource consumption. Nearly all urban areas face increasing marginal costs for such basic resources as water, as overconsumption drives utilities to seek water at longer distances and to use increasing amounts of energy to transport it back to the city. It is the poor who suffer most from these increasing costs, either by paying relatively higher service fees or by having insufficient service, because cities supply primarily areas that can afford to pay for the service. The ESD vice president solicited successful cases of policies and approaches that have allowed cities to manage their environmental resources sustainably.

He stressed the importance of urban environmental governance and challenged participants to consider how governance differs from the routines of urban management. The fundamental issue is not whether cities are sustainable, but how to make them so. Human behavior determines the quality of the urban environment, and the quality of the urban environment determines the quality of human life in cities.

Maurice Strong

Maurice Strong, Chairman of Ontario Hydro and Secretary General of the United Nations Conference on Environment and Development (UNCED—Earth Summit, 1992), confirmed the emergence of urban environment at the fore of environmental discourse.

**Global Environment Facility:
Ian Johnson**

Ian Johnson, Secretary General of the Global Environment Facility (GEF), outlined the four areas of the Facility's mandate: climate change, biological diversity and its protection, international waters, and protection of the ozone layer. Linking them to the human urban context, he emphasized that all global environmental actions must be based locally. With the trend towards urbanization, acting locally increasingly means acting within cities.

The GEF's operational agenda often links the Green and Brown Agendas. The move towards cleaner fuels and more efficient transportation benefits the global as well as the local environment. Two GEF projects to reduce vehicle emissions are located in Karachi and Tehran. Another project in Poland targets urban household energy.

Another linkage is that of international cultural and natural heritage. The issue of preserving urban cultural heritage is of global, as well as local, significance.

Just as urban environmental initiatives affect the global environment, so global environmental initiatives can benefit cities. GEF works to prevent a rise in sea levels lessens the threat to coastal cities. Protection of biodiversity can enrich the lives of urban dwellers by preserving their link with the natural habitat.

Mr. Johnson called for a stronger, and more inclusive, dialogue on areas of common concern between the urban and global communities:

We can learn a great deal from practitioners and policymakers, and it is important for us that we identify means to encourage the exchange of information, and discussion and debate.

**Epilogue: The World Bank
and the Urban Environment**

Ismail Serageldin

Ismail Serageldin, Vice President for Environmentally Sustainable Development at the World Bank, closed the conference by reaffirming the World Bank's commitment to improving the environmental quality of life for the world's urban residents.

Our commitment to equity and poverty reduction compels us not to accept limiting damage as the brief to which we must respond. We must push the frontier and be proactive in radically changing the ways things are done.

He outlined the steps that the World Bank will take in the wake of the conference:

1. Broaden the dialogue and cooperation associated with the design, preparation, and appraisal of urban environmental projects in the pipeline and in the implementation of the ongoing portfolio of projects.
2. Increase its allocation to the urban environmental sector.
3. Set this increased assistance within the process of establishing urban components of National Environmental Action Plans.
4. Work with local and national governments, NGOs, and other professional groups to establish explicit objectives for improved performance and to develop clear indicators of success for urban environmental projects.
5. Work closely with the GEF to strengthen the linkages between the global and the urban environmental agendas.

*Just as urban
environmental
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benefit cities*

— Ian Johnson

6. Work closely with the United Nations Centre for Human Settlements (Habitat) (UNCHS) in the preparation of Habitat II and continue to participate in the international dialogue on urban environmental issues through the medium of international conferences.
7. Work with other international agencies to coordinate and rationalize the delivery of high-quality assistance to resolve urban environmental problems. ■

Appendix A

Program: Second Annual Conference on Environmentally Sustainable Development: The Human Face of the Urban Environment

Sponsored by the World Bank

Held at the National Academy of Sciences, Washington, D.C.

September 19–21, 1995

Inaugural Session

Welcome Address

Bruce Alberts, President, National Academy of Sciences,
Washington, D.C.

The Human Face of the Urban Environment

Ismail Serageldin, Vice President, Environmentally Sustainable
Development, World Bank

Introductory Remarks

Lewis T. Preston, President, World Bank

Urban Poverty and Urban Environment in the North

Henry Cisneros, Secretary of Housing and Urban Development,
U.S. Government, Washington, D. C.

The Road from Rio

Maurice Strong, Chairman, Ontario Hydro, Canada;
and Secretary General, United Nations Conference on Environment
and Development (UNCED-Earth Summit, 1992)

Reception and Opening of Exhibit on Sustainable Urban Development

American Institute of Architects

18th St. N.W. and New York Avenue, Washington, D.C.

Session I. The Importance of the Urban Environment: Roundtable of Ministers

Chair: Klaus Topfer, Minister of Environment,
Federal Republic of Germany; and Chairman,
United Nations Commission on Sustainable Development

Striking a Balance: Urban Environmental Priorities in the National Context

Ismail Serageldin

Presentations

Abdoulaye Bathily, Minister of Environment, Dakar, Senegal
Henrique Brandao Cavalcanti, Minister of Environment, Brasilia, Brazil

Session II. Are Cities Sustainable?

Chair: Mahbub ul-Haq, Special Adviser to the Administrator,
United Nations Development Programme (UNDP), New York, New York

Making Cities Sustainable

Lester Brown, President, Worldwatch Institute, Washington, D.C.

Discussants: Pasqual Maragall, Mayor of Barcelona, Spain
William Alonso, Professor, Harvard University, Cambridge, Massachusetts

Rapporteur: John Redwood, III, Senior Environmental Specialist, World Bank

Can We Reshape the Cities of Tomorrow?

Peter Hall, Professor of Planning, Bartlett School of Architecture
and Planning, University College, London, United Kingdom

Discussants: Jorge Wilhelm, Deputy Secretary General, Habitat II Conference; and
former Secretary of Planning, São Paulo State, Brazil
Ryokichi Hirono, Professor, Faculty of Economics, Seikei University,
Tokyo, Japan

Rapporteur: Janis Bernstein, Environmental Specialist, World Bank

Session III. Parallel Sessions. Improving the Human Urban Landscape: Lessons of Experience

A. The Risks of Exposure: The Challenge of Urban Air Pollution

Chair: Nafsiah Mboi, Member of Parliament, Republic of Indonesia;
and Indonesian National Institute of Science, Jakarta

Overview

Jacqueline Aloisi de Larderel, Director, United Nations Environment
Program (UNEP), Programme on Industry and Environment,
Paris, France

Lessons of Experience

- *The Mexico City Pollution Control Program:* Manuel Guerra,
Director, INAIN; environmental scientist; and radio personality, Mexico
- *Industrial Air Pollution in Katowice, Poland:* Wojciech Beblo, Director,
Environment Department, Regional Administration Office of Katowice
- *Household Energy:* R. K. Pachauri, Director, Tata Energy Research Institute,
New Delhi, India

Rapporteur: John Flora, Principal Transport Specialist, Transportation Division,
World Bank

B. Protecting People from Hazards: Municipal and Industrial Solid Waste

Chair: Livia Benavides, International Consultant in Hazardous Waste;
and former Hazardous Waste Specialist, Pan American Center
for Sanitary Engineering, Lima, Peru

Overview

Mohan Munasinghe, Chief, Pollution and Environmental Economics Division, World Bank

Lessons of Experience

- *The Superfund Experience*: Robert Watson, Associate Director for Environment, The White House, Washington, D.C.
- *Bombay and Kanpur*: Sheela Patel, Director, Society for Promotion of Area Resource Centres (SPARC), Bombay, India
- *Municipal Waste Management in Alexandria, Egypt*: Olfat el-Sebaie, Professor; and Chairman, Environmental Health Department, High Institute of Public Health, Alexandria University

Rapporteur: Sandra Cointreau-Levine, Waste Management Consultant, Roxbury, Connecticut, U.S.A.

C. Sharing and Conserving Common Resources:

Water Supply and Water Resources

Chair: Sandra Postel, Professor; and Director, Global Water Policy Project, Cambridge, Massachusetts, U.S.A.

Overview

Guy Le Moigne, Senior Agriculture and Natural Resources Advisor, World Bank

Lessons of Experience

- *São Paulo, Brazil–Guarapiranga River Basin*: Ivan Carlos Maglio, Guarapiranga Program Coordinator, Department of Water Resources and Sanitation for the State Government of São Paulo
- *Water Resource Management in Eight Asian Megacities*: Arthur McIntosh, Senior Project Engineer, Water Supply and Urban Development Division, Asian Development Bank, Manila, Philippines
- *Turkey–Clean-up of Izmir Bay*: Nuran Talu, Advisor to the President, Environment Commission of the Turkish Grand National Assembly, Ankara
- *Mexico–Management of Water Resources, Mexico City, Mexico*: Ismael Herrera-Revilla, Professor, National University of Mexico

Rapporteur: Letitia Obeng, Senior Water and Sanitation Specialist, World Bank

D. Urban Waste Water and Sanitation:

Responding to Household and Community Demand

Chair: Maritza Izaguirre, Executive Director for Panama and Venezuela, The Inter-American Development Bank, Washington, D.C.

Overview

Carl Bartone, Senior Environmental Specialist, World Bank

Lessons of Experience

- *Karachi, Pakistan—Orangi Pilot Project*: Arif Hasan, Coordinator
- *Ouagadougou, Burkina Faso—Low-Cost Sanitation and Public Information Program*: Eustache Ouayoro, Ouagadougou Urban Sanitation Officer, World Bank, Burkina Faso
- *Santiago, Chile—Avoiding an Epidemic*: Catterina Ferreccio, Director and Epidemiologist, Health Research Development Group (GREDIS)
- *Beijing, China—Combating Water Pollution*: Yang Suzhen, Former Deputy Chief Engineer, Environmental Protection Agency for Beijing, China; and China Coordinator for MEIP, Beijing

Rapporteur: Teresa Serra, Resettlement Specialist, Latin America Technical Department, World Bank

E. Health, Poverty and Environment: The Nexus

Chair: Trudy Harpham, Professor of Urban Development and Policy, South Bank University, London, United Kingdom

Overview

Carolyn Stephens, Urban Health Programme, London School of Hygiene and Tropical Medicine, United Kingdom

Discussants: Gordon McGranahan, Senior Research Fellow, Stockholm Environment Institute, Sweden
Kamla Chowdhry, Chair, Centre for Science and the Environment, New Delhi, India

Lessons of Experience

- *Accra, Ghana—Intra-Urban Mortality Differentials*: Ben Doe, Principal Town Planning Officer, Accra Planning and Development Programme
- *São Paulo, Brazil—Intra-Urban Mortality Differentials in an Industrialized City*: Marco Akerman, Center for Contemporary Cultural Studies
- *Jakarta, Indonesia—Environmental Problems Facing Urban Households*: Charles Surjadi, Chairman, Urban Health Study Group, Atma Jaya University
- *The Significance of the Intra-Urban Differentials in Health and Environmental Conditions*: Wilfried Kreisel, Executive Director, Health and Environment, World Health Organization (WHO), Geneva, Switzerland

Rapporteur: Christiaan Grootaert, Senior Economist, World Bank

F. Supporting Municipal Initiatives: Regional Networks

Chair: Peter Kimm, Director for Urban Programs, U.S. Agency for International Development, Washington, D.C.

Lessons of Experience

- *UNDP/World Bank Metropolitan Environmental Improvement Programme (MEIP)*: David Williams, MEIP Coordinator, World Bank

- *MEDCITIES*: Ayse Kudat, Coordinator, Europe and Middle East Environment Division, World Bank
 - *Baltic Cities Network*: Piotr Krzyzanowski, Coordinator, Baltic Cities Network, Europe and Middle East Environment Division, World Bank
 - *UNDP/UNCHS (Habitat)/World Bank Urban Management Programme (UMP)*: Pablo Trivelli, UMP Latin America and the Caribbean Regional Coordinator, Quito, Ecuador
Jochen Eigen, Coordinator, Sustainable Cities Programme, UNCHS, Nairobi, Kenya
- Rapporteur: Josef Leitmann, World Bank Coordinator, Urban Management Programme

G. Land Resources: Differing Perspectives on the Shape of Future Cities

Chair: David Dowall, Professor, Department of City and Regional Planning, University of California at Berkeley, U.S.A.

Overview

Land Markets, Urban Form and the Environment
Alain Bertaud, Principal Urban Planner, World Bank

Discussant: Saad Eddin Ibrahim, Chairman, Ibn Khaldun Centre for Development Studies, Cairo, Egypt

Lessons of Experience

- *Guided Sprawl in Jakarta*: Hendropranoto Suselo, Assistant to the Minister of Public Works, Republic of Indonesia
- *Controlled Development and Densification—The Case of Seoul*: Kyung-Hwan Kim, Professor, Sogang University, Korea
- *Landscape as Urban Infrastructure*: William Morrish and Catherine Brown, Co-Directors, Design Center for American Urban Landscape, University of Minnesota, Minneapolis, U.S.A.

Rapporteurs: Catherine Farvacque, Urban Planner, World Bank
Omar Razzaz, Land Management Specialist, World Bank

Session IV. Special Address

Great City, Terrible Place
Charles Correa, Architect and Urban Planner, Bombay, India

Rapporteur: Mary McNeil, Public Affairs Officer; and Editor, *Urban Age*, World Bank

Session V. Urban Environmental Governance

Chair: Arthur Eggleton, President, Treasury Board of Canada; Minister of Infrastructure; and former Mayor, Toronto, Canada

Overview

K. C. Sivaramakrishnan, Senior Advisor, Urban Management, World Bank

Panel Discussion of Stakeholders

- *The National Government Perspective:* Martti Lujanen, Director General, Housing and Building Department, Ministry of Environment, Helsinki, Finland; Preparatory Committee Chairman, United Nations Conference on Human Settlements (Habitat II)
- *The Local Government Perspective:* Jaime Ravinet de la Fuente, Mayor, Santiago, Chile
- *The Business Perspective:* J. Hugh Faulkner, Executive Director, Business Council for Sustainable Development, Geneva, Switzerland
- *The Community Perspective:* Elisea Gozun, National Program Coordinator, Metropolitan Environmental Improvement Programme (MEIP), Manila, Philippines

Rapporteur: Vijay Jagannathan, Senior Water and Sanitation Specialist, World Bank

Session VI. Urban Environment—A New Frontier for Action

Chair: Sven Sandstrom, Managing Director, World Bank

Finding the Frontier—Posing the Unanswered Questions

Michael Cohen, Senior Advisor, Environmentally Sustainable Development, World Bank

Mayors' Forum

Francesco Rutelli, Mayor, Rome; leader of Green Party, Italy
Jaime Ravinet de la Fuente, Mayor, Santiago, Chile
Rachel Chatterjee, Commissioner, Hyderabad Municipal Corporation, Bombay, India
Robert Vigouroux, Mayor, Marseille, France

Rapporteur: Jerry Silverman, Principal Institutional Specialist, World Bank

Session VII. Conclusion

Special Address: On to Istanbul

Wally N'Dow, Assistant Secretary General, UNCHS (Habitat); and Secretary General, United Nations Conference on Human Settlements, Nairobi, Kenya

The International Community's Response

Ousmane Seck, Vice President, Islamic Development Bank, Jeddah, Saudi Arabia
Ian Johnson, Secretary General, Global Environment Facility, Washington, D.C.

Rapporteur: Fitz Ford, Senior Economist, World Bank

Closing Statement

Ismail Serageldin

Appendix B

Program: The Business of Sustainable Cities: Public/Private Partnerships for Creative Technical and Institutional Solutions

Sponsored by the World Bank
Held at The International Monetary Fund, Washington, D.C.
September 22–23, 1994

Inaugural Session

Welcoming Opportunities

Ismail Serageldin, Vice President, Environmentally Sustainable
Development, World Bank

Old Values, New Visions

Mauricio de Maria y Campos, Director General, United Nations
Industrial Development Organization (UNIDO), Vienna, Austria

Imagining the Possible

Jan Hartke, President, EarthKind International, Washington, D.C.

Framework and Sectoral Linkages

Presiding: Joan Martin-Brown, Advisor to the Vice President,
Environmentally Sustainable Development, World Bank

Moderator: F. Ranil Senanayake, Co-Executive Director,
Environment Liaison Center, Nairobi, Kenya

Video: “Curitiba: City of the Future”

Energy

Charles R. Imbrecht, Chairman, California Energy Commission,
Sacramento, California, U.S.A.

Transportation

Pierre Laconte, Secretary General, International Union of Public
Transport, Brussels, Belgium

Solid Waste

Jacqueline Aloisi de Larderel, Director Industry and Environment,
United Nations Environment Programme (UNEP), Paris, France

Concurrent Sessions

Energy: Efficiencies, Effectiveness, and Equity

Presiding: Jan Hartke

Moderator: Michael Totten, Director, The Center for Renewable Energy and Sustainable Technology, Washington, D.C.

Energy Efficiency and Demand Side Management

Charles Condy, President, Proven Alternatives, Inc., San Francisco, California, U.S.A.

Vichit Punyahotra, Deputy Minister of Energy, Bangkok, Thailand

Mary Harris, Vice President, RCG/Hagler, Bailly, Arlington, Virginia, U.S.A.

Alternative Energy Options

Neville Williams, President and Founder, Solar Electric Light Fund, Washington, D.C.

Anhua Wang, President, Gansu PV Company, Lanzhou, China

Transportation: Getting There . . . at What Cost?

Presiding: Richard Barrett, Assistant to the Vice President, Environmentally Sustainable Development, World Bank

Moderator: Walter Hook, Executive Director, The Institute for Transportation and Development Policy, New York, New York, U.S.A.

Private Sector Financing and Operation of Transportation Systems

Francisco Cristovam, President, CMT, São Paulo, Brazil

Jorge H. Kogan, President, Dyteca, Buenos Aires, Argentina

James A. Dunstan, Allen, Allen, and Helmsley, London, United Kingdom

Innovation in Emissions Reduction

Fred Estrada, Chairman, Pan American Media Corporation, Coral Gables, Florida, U.S.A.

Chris Flavin, Vice President, Research, World Watch Institute, Washington, D.C.

Solid Waste: Water or Resource?

Presiding: Joan Martin-Brown

Moderator: Edgar M. Miller, Director of Policy and Programs, National Recycling Coalition, Washington, D.C.

Pitfalls and Prospects for Public/Private Partnerships

Sandra Cointreau-Levine, Waste Management Consultant, Roxbury, Connecticut, U.S.A.

Private Sector Participation in Collection and Disposal

Francis L. Masenya, Chief Health Inspector, City Council, Gaborone, Botswana

Theodore R. Siegler, Vice President, DSM Environmental Services, Ascutney, Vermont, U.S.A.

Eduardo H. Passalacqua, Consultant, Buenos Aires, Argentina

Innovation in Solid Waste Management

Ricardo E. Giesecke, General Director, Solid Waste Micro Enterprises,
Lima, Peru

M.C. Vasuki, Chief Executive Officer, Delaware Solid Waste
Department, Dover, Delaware, U.S.A.

Concluding Session

***International Associations: The Power of Global Partnerships:
Impediments and Incentives for Business/Industry***

Presiding: Joan Martin-Brown

Moderator: Alicia Barcena, Executive Director, Earth Council, San Jose, Costa Rica
J. Hugh Faulkner, Executive Director, Business Council
for Sustainable Development, Geneva, Switzerland
Troy A.P. Davis, Executive Director, International Network
for Environmental Management, Wedel (Holstein), Germany
Frank Ohnesorgen, Director of Latin American Programs,
International City/County Management Association, Washington, D.C.
Janice Perlman, Executive Director, Mega-Cities Project, Inc., New
York, New York, U.S.A.

***Perspectives: Reports and Commentaries on Sector Break-out Sessions:
Pitfalls and Prospects***

Presiding: Jan Hartke

Moderator: Elkyn A. Chaparro, Senior Advisor to the Vice President,
Finance and Private Sector Development, World Bank

Energy

Trevor Byer, Energy Advisor, Finance and Private Sector
Development, World Bank

Transportation

Richard Barrett

Solid Waste

Carl Bartone, Senior Environmental Specialist, Urban Development
Division, World Bank

Appendix C

Program: Enabling Sustainable Community Development

Sponsored by and held at the World Bank, Washington, D.C.
September 22–23, 1994

Welcome

Louis Pouliquen, Director, Transportation, Water
and Urban Development Department, World Bank

Opening Address

Jeb Brugmann, Executive Secretary, International Council for Local
Environmental Initiatives, Toronto, Canada

Session I. Communities Speak about Empowerment

Remarks from the Chair

Alicia Barcena, Executive Director, The Earth Council, San Jose,
Costa Rica

Community Empowerment

Business and the Community: Waste Minimization in Manila

Elisea Gozun, National Program Coordinator, Metropolitan
Environmental Improvement Programme (MEIP), Manila, Philippines

Negotiating Change: Orangi and Similar Experiences in Pakistan

Arif Hasan, Coordinator, Orangi Pilot Project, Karachi, Pakistan

Gender and Community Change: Bombay and Kanpur SPAARC

Sheela Patel, Director, Society to Protect Area Resource Centres
(SPARC), Bombay, India

Building Political Coalitions: The Bronx Center, New York

Yolanda Garcia, Coordinator, "Nos Quedamos," New York,
New York, U.S.A.

Discussant: Deepa Narayan, Social Scientist, Environment Department, World Bank

Floor Discussion

Panel Discussion: Interface between Municipal Government and Community Initiatives with Northern and Southern NGO Representatives

Chair: Nafsiah Mboi: Member of Parliament, Jakarta, Indonesia

Community Empowerment Panel joined by:

Nancy Skinner, Director, Local Solutions to Global Pollution,
Berkeley, California

Eric Duell, Africa Programs, Habitat for Humanity International,
Washington, D.C.

Session 2. Cross-Cutting Lessons for the Ecological City

Chair: Caroline Moser, Senior Urban Social Policy Specialist, World Bank

Overview: Ecological City Project

Josef Konvitz, Principal Administrator, Urban Affairs Division,
Organisation for Economic Co-operation and Development,
Paris, France

Case Studies on Poverty and Environment Innovations (Accra, Bombay, Buenos
Aires, Cairo, Delhi, Jakarta, Lagos, Mexico City, New York, and Rio de Janeiro)

Janice Perlman, Executive Director, Mega-Cities Project, New York,
New York, U.S.A.

Study on Environmental Management in Low-Income Communities of Asian Cities

Mike Douglass, Professor, Department of Urban and Regional
Planning, University of Hawaii, Honolulu, Hawaii, U.S.A.

Study of Abidjan, Boston, Cairo, Lima, Lublin, and Tunis

Mona Serageldin, Associate Director, Unit for Housing and
Urbanization, Graduate School of Design, Harvard University,
Cambridge, Massachusetts, U.S.A.

Summation

David Barkin, Professor of Economics, Universidad Autonoma
Metropolitana Xochimilco, Mexico City, Mexico; and Senior Fellow,
Lincoln Institute for Land Policy, Cambridge, Massachusetts, U.S.A.

Special Address

Ismail Serageldin, Vice President, Environmentally Sustainable
Development, World Bank

Session 3. Learning from International Support for Promising Initiatives

Chair: K. C. Sivaramakrishnan, Senior Advisor, Urban Management, World Bank

Introduction

Josef Leitmann, World Bank Coordinator, Urban Management
Programme

Presentations and Questions

Jeb Brugmann, Executive Secretary, IULA/UNEP International
Council for Local Environmental Initiatives, Toronto, Canada
May Yacoob, Associate Director, Environmental Health Program,
Arlington, Virginia, U.S.A.

Akhtar Badshah, Program Manager, Mega-Cities Project, Inc.,
New York, New York, U.S.A.

Discussant: Ximena de la Barra, Urban Program Advisor, Urban Section,
UNICEF, New York, New York, U.S.A.

Reflections on the Forum

Michael Cohen, Senior Advisor, Environmentally Sustainable
Development, World Bank



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