

*This will have 2000 participants.
World Bank*

**FIFTH ANNUAL WORLD BANK CONFERENCE
ON
ENVIRONMENTALLY SUSTAINABLE DEVELOPMENT**

**"Partnerships for Global Ecosystems Management:
Science, Economics, and Law"**

**October 6-8, 1997
Washington, D.C.**

Beginning in 1993, the World Bank, under the auspices of the Vice Presidency for Environmentally Sustainable Development (ESD) convenes a conference each fall on a subject or theme related to advancing environmentally and socially sustainable development.

SUBJECT

The 1997 conference will address the **scientific, legal, and economic requirements of global ecosystem management at the country level**. International agreements are only one component of addressing global environmental issues, such as the loss of biodiversity, climate change, desertification, ozone depletion, and water degradation. Yet, these agreements play a crucial role. Thus, it is important that they (1) reflect the best available scientific knowledge, (2) embody the most sensible economic analysis to advance the most cost effective means of achieving the desired results, and (3) generate legal arrangements that create a level playing field and opportunities for innovation in the market place.

The aggregation of local practices and national policies is expressed in the conditions of global ecosystems. They manifest themselves locally, nationally, and regionally in urban air pollution, degradation of water, and loss of agricultural productivity. Therefore, the bulk of the work required to respond to such global agreements must be done at the subregional, country, and local levels. In this context, ethical questions of equity across societies and responsibilities between the rich and the poor nations must also be addressed.

OBJECTIVES

1. To engage external experts with Bank managers and country staff
2. To provide a unique opportunity for major professional groups to interact on the requirements for linking scientific, economic, and legal solutions for global ecosystem management at the country level
3. To promote the applications of best practices and the uptake of innovations that contribute to managing transboundary ecosystems at the country level.

DESIGN

This conference is designed to provide an important learning opportunity for development practitioners to better understand the relationships among global ecosystem issues and national sustainable development financing, legislation, privatization, infrastructure, and rural development. It will provide examples of best practice and innovative processes, suggest approaches which contribute to country assistance development strategies, and assist development practitioners better assess the global connections to their national and local initiatives.

VENUE

The conference will be held October 6-8, 1997, in Washington, D.C., at the Lisner Auditorium of The George Washington University.

**THE WORLD BANK'S FIFTH
ANNUAL CONFERENCE**
on
Environmentally and Socially Sustainable Development
Cosponsored by the
**Environmentally and Socially Sustainable Development Network,
the Learning and Leadership Center, and the Economic Development Institute**

**“Partnerships for Global Ecosystem Management:
Science, Economics and Law”**

6 -7 OCTOBER 1997

WORKING DRAFT PROGRAM

8/6/97

Monday, October 6

**Lisner Auditorium
730 21st Street, N.W.
George Washington University**

OPENING PLENARY

- 9:15 a.m. **Welcoming Remarks**
 Ismail Serageldin*, Vice President
 Environmentally and Socially Sustainable Development
- 9:20 a.m. *In Memory and in Dedication to Jacques Yves Cousteau*
- 9:35 a.m. Opening Address
 “Global Challenges for Managing Ecosystems”
 James D. Wolfensohn*, President
 The World Bank
- 10:00 a.m. **“The Requirements of Leadership for National Solutions:
The Political and Scientific Dimensions” (Two Keynote Addresses)**
 “Linking the Sciences” Dr. Robert Watson, Director
 The Environment Department
- 11:00 a.m. Break

* Accepts Invitation

October 6, 1997

(continue)

11:30 a.m. **“The Sovereignty and Systems of Nature and Nations:
The Challenges and Opportunities”**

Chair of the Session

Maurice Strong*, Senior Advisor to the President
The World Bank

Presenters

Dr. Peter Doherty*, Science (Immunology) (Australia)
Joseph E. Stiglitz*, Chief Economist, World Bank (U.S.A.)
His Excellency Judge Christopher Gregory Weeramantry,* Law (Sri
Lanka)

12:30 p.m. **Lunch Break** - The President's Lunch and Luncheon Forums

2:30 p.m. **“The Big Picture: Linking Global Environmental Issues and Human
Needs”**

Caio Koch-Weser*, Managing Director, The World Bank

3:00 p.m. **“The Global Treaties: Making Connections for Efficiencies,
Effectiveness, and Equity”**

Chair of the Session: Dr. Mostafa K. Tolba,*

President, UN Commission on Sustainable Development

Panelists: Yolanda Kakabadse,* President, IUCN; Ms. Huguette Labelle*, CIDA
Dr. Jose Vargas*, Minister of Science and Technology, Brazil
and President of the Third World Academy of Science, Minister Poul
Nielson, Minister for Foreign Development Cooperation, Norway

4:00 p.m. **“Reflections for the Future”**

Dr, Mohamed T. El-Ashry, Chief Executive Officer and Chairman
Global Environment Facility

Second Speaker

5:15 p.m. **Adjourn**

* Acceptances

**“GROUND TRUTHING GLOBAL ECOSYSTEM MANAGEMENT IN
NATIONAL SUSTAINABLE DEVELOPMENT”**

(All Thematic Roundtables on Bank premises.)

Tuesday, October 7

9:00 a.m. to

11:30 p.m.

Thematic Roundtables

“The Challenges and Opportunities: Science, Economics, and Law”

1. Climate Change - Chair - J. Linn*, RVP/ECA

Dr. Robert Watson*, World Bank, Dr. Raul Estrada; Dr. Pachauri* (India); Rudolf Dolzer*, Germany (Law), David Malin Roodman*, Worldwatch Institute, Eileen Claussen*, Location - H Auditorium (cap.286)

2. Biodiversity - Chair - Michael Severino*, RVP/EAP

Mr. Delmar Blasco*; Dr. Calestous Juma*, BD Secretariat; Dr. Peter Schei*; Dr. Nicolas Mateo*, Instituto Nacional de Biodiversidad, Costa Rica, Dr. Peter Raven*, Science; Charles Perrings*, York, U.K., Bernd Droste*, Heritage - Location - (JB 1080 cap. 130)

3. Desertification and Forests - Chair - J.L. Sarbib*, RVP/AFR,

Dr. Mohammed Kassas*, University of Cairo; (LAC, ASIA), IFAD, Dr. Reuben Olembo*, UNEP, Ola Ullsten*, Former Prime Minister of Sweden, Manuel Rodrigues*, Columbia, Location J 1050 (cap.72)

4. International Water Regimes - Chair - C. Madavo*

RVP/AFR, Dr. Mahmood Yousuf Abdulreheem*, Co-ordinator of Regional Organization for the Protection of the Marine Environment (ROPME), Kuwait, Torkil Jonch-Clausen*, Chair, Technical Advisory Committee, Global Water Partnership, Mr. Tamarit Tutangata*, Director, South Pacific Environment Programme - Location - H1-200 (cap. 73)

11:30 a.m.

Lisner Auditorium

12:00 Noon.

Plenary Session

Presentations on Concurrent Thematic Roundtables

1:00 p.m.

Thematic and Regional Roundtable Lunches

AFTERNOON FINAL PLENARY
Lisner Auditorium

Tuesday, October 7

**“GLOBAL ECOSYSTEM MANAGEMENT:
INNOVATIONS AND OPPORTUNITIES
IN PUBLIC/PRIVATE PARTNERSHIPS”**

- 2:30 p.m. Dr. Gro Harlem Brundtland, Member of Parliament, Norway
- 3:00 p.m. Alassane D. Ouattara, Deputy Managing Director
International Monetary Fund, Cote d'Ivoire
- 3:20 p.m. Dr. George A. Olah*, Nobel Laureate
Director, Loker Hydrocarbon Research Institute
University of Southern California
- 3:40 p.m. Mr. Raymond Gilmartin, CEO and Chairman of the Board,
Merck Pharmaceuticals, Whitehouse Station, N.J.
- 4:00 p.m. Break
- 4:15 p.m. **“Public/Private Partnerships: Applications and Best Practice”**

Moderator: Sven Sandstrom*, Managing Director, The World Bank,
Mr. Henry Hatch*, President, World Engineering Council for
Sustainable Development, K. M. Sarma*, Executive Secretary, Ozone
Secretariat, J. Kassum*, Vice President, International Finance Corporation,
- 5:15 p.m. Closing Commentary
Ismail Serageldin
- 5:30 p.m. Adjourn

CONCURRENT REGIONAL ROUNDTABLE SESSIONS

Tuesday, October 7

2:00 p.m.

AFR -Roundtable Coordinator - Jean-Roger Mercier

Panel:U.K., Dr. Reuben Olembo*,
Assistant Under Secretary General, UNEP, Nairobi,
Dr. Mohammed Kassas*, University of Cairo, Dr. Cyril Enweze,
Vice President, Operations, African Development Bank

Regional Lunch - 1 p.m.

2:00 p.m. to 5 p.m. Program, Coffee Break 3:30 p.m.

10 minutes per panelist

“Towards ESD in SSA: Regional and Sub-regional Approaches”
Lessons Learned in Managing Resources in SSA: Connecting
Local and Global Impacts”

EAP - Roundtable -- Chair*.

MENA - Roundtable Chair*

SAS - Roundtable Chair*

ECA Roundtable, Chair, Michele De Nevers

3:30 p.m. Break

4:00 to 5:30 p.m. Final Sessions

-NOTE: THIS REGIONAL ROUNDTABLE WILL BE ALL DAY WEDNESDAY

October 8, 1997

9:15 a.m.

LAC Roundtable William Partridge**
Mesoamerican Biodiversity Corridor - ESSD leadership in
LAC cross-cuts Rural Development (Luis Constantino),
Environment (Doug Graham) and Social (Jorge Uquillas,
Juan Martinez). Suggest governments of Nicaragua, Honduras,
Guatemala, Belize, etc. be the panel to explain context.

* To be decided by each region

** Confirmed

Tuesday, October 7 -----CONCURRENT LEARNING SEMINARS FOR BANK STAFF

9:00 a.m. to 5:00 p.m.

Sponsored by LLC, EDI, ESSD
(Goal - 300 Bank Participants)

Learning Seminar Programs:

- (a) Environmental Economics and Global Treaties -
Sponsor-EDI; (Wilfrido Cruz)
- (b) Water Issues (Francois-Marie Patornino) - Sponsor-EDI
length)
- (c) Sustainable rural development, desertification and forestry -
Sponsor ESSD/Rural Family; (day and length undecided)
- (d).Local Pollution: Global Solutions (1/2 day a.m.) Sponsor
ESSD/ENV
- (e) Indicators for Natural Resources Management Sponsor-
ESSD/ENV (a.m. only)
- (d) Country case studies - Sponsor-LLC; (10:30 a.m. to 5:30 p.m.)
Hoveida Nobakht

NOTE: On Wednesday, October 8, 9 a.m. to 1 p.m., Legal will hold a half day seminar for Task Managers on "Bank Policy and Global Environmental Treaties." (d) Global Treaties and Bank policy and operating directives. Sponsor-LEG;

7:30 p.m. to Task Force on Higher Education and Society - Dinner Meeting ESSD/HDD.
to
9:30 p.m.

"ETHICS AND VALUES: A GLOBAL PERSPECTIVE"
An Associated Event
of
"PARTNERSHIPS FOR GLOBAL ECOSYSTEM MANAGEMENT:
SCIENCE, ECONOMICS, AND LAW"
the
Fifth World Bank Conference
on
Environmentally and Socially Sustainable Development (ESSD 5)

October 8

H Auditorium
The World Bank
600 19th Street, N.W.
Washington, D.C.

The event will take place October 8. Although one of the opening keynote presentations of ESSD 5 will address the moral imperatives of global ecosystem management, this associated event more fully explores the ethical and valuing aspects of ESSD 5.

Participants will explore several notions. For instance in confronting global ecosystem management, is there one common value shared by all life, implicitly and explicitly, such as the right to survive? Is this a commonly held value among all peoples? Do shared values and ethics underpin and/or compel global ecosystem management?, In determining, in the first instance, the capacity of a life form to survive, does the type of ecosystem serve as the shadow template for the development and assertions of social values and ethical systems? Based on the historic influence of values and ethics in the development of societies, how are nations responding to the assertion of global values and ethics in global ecosystem management? How is science influencing the development of global environmental ethics and social values? Are global ecosystems issues influencing the relationships among science, economics, foreign relations and religions? How do present attempts to create global ecosystem management frameworks link values and ethics to national governance and to the laws of Nature?

The program is divided into four themes to explore these and other questions of relevance:

- | | |
|-------------|--|
| Theme One | A Global Ethic: Reflections on the 21st Century |
| Theme Two | Cultural Values, the Global Commons, and Development |
| Theme Three | Global Survival: A Convergence of Faith and Science? |
| Theme Four | Equity and Ecosystems: Local Justice-Global Systems |

J. Martin-Brown/Task Manager

“ORGANIZING KNOWLEDGE
FOR
ENVIRONMENTALLY SUSTAINABLE DEVELOPMENT”

An Associated Event of the fifth World Bank Conference
on Environmentally and Socially Sustainable Development
“Partnerships for Global Ecosystem Management: Science, Economics and Law”

OCTOBER 9-10, 1997
WASHINGTON, D.C.

OVERVIEW

The World Bank and the United Nations Educational, Scientific and Cultural Organization (UNESCO) are co-sponsoring this event to engage academic and development leaders in considering the requirements for organizing and linking knowledge, research, and disciplines so as to appropriately respond to the challenges of environmentally and socially sustainable development (ESSD).

Faculty and scholars from higher education, including the schools of law, economics, international relations, business, public administration, natural resources/environment, and natural and social sciences are being invited. In addition, those engaged with the Task Force on Higher Education and Society, being co-convened by UNESCO and the World Bank, and those directing UNESCO's Transdisciplinary Project on Environment and Population, Education, and Information Education for Development will be in attendance. Each of the world's major regions will be represented.

RATIONALE

The World Bank is undergoing a transformation in its organizational arrangements and mission. Two requirements of this effort are to improve the integration of cutting edge knowledge in the Bank operations, and another is mainstream social and environmental concerns in the Bank's development financing. Key to both efforts is establishing institutional processes which link knowledge and practice. For the World Bank, other international development institutions, and nations to most effectively respond to the challenges inherent in ESSD, there must be a commitment to developing candidates for employment who are state of the art experts in a specific discipline, yet who systematically consider the connections and impact of their discipline on other disciplines and sectors when applied, so as to support environmentally and socially sustainable development.

August 6, 1997

OBJECTIVES

This two day meeting will address four critical questions related to the academic preparation of those participating in the development and commercial realms through law, economics, business, foreign service, rural development, urban planning, and the natural and social sciences.

- What are the new content elements and parameters required by the ESSD paradigm in specific disciplines?
- What content links are necessary among disciplines to assure that disciplines explicitly address cross sector requirements in development?
- What research gaps related to implementing ESSD exist, and how could they be addressed by doctoral and post doctoral research?
- How do the disconnects among disciplines affect sustainable development at the national level?

THE GOALS

To establish trilateral partnerships among the academic, development and finance communities which support excellence in a given field and promote the “principle of porosity:” a demonstrated willingness to link disciplines and sector initiatives in pursuit of solutions which avoid economic, social and ecological liabilities in development processes.

To advance graduate research agendas which link disciplines to respond to the challenges of environmentally and socially sustainable development.

To develop new partnerships between academic and research organizations, and the World Bank, UNESCO and other international bodies, which result in revising curricula which respond to the requirements of environmentally and socially sustainable development.

CONCLUSION

Developing nations are seeking technology transfer, undertaking new partnerships with the private sector, and pursuing the development of their own scientific and technical capacities. As they do so, the quality and content of academic endeavors and research agendas, become critical in organizing and investing in knowledge for sustainable development, and in building international networks and partnerships to exchange knowledge and experience. Those being educated must be empowered to perceive and connect their disciplines differently, in order for development to be done differently.

**PARTNERSHIPS FOR
GLOBAL ECOSYSTEM MANAGEMENT:
SCIENCE, ECONOMICS AND LAW**

October 6 - 8, 1997

Washington, D.C.



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PARTNERSHIPS FOR GLOBAL ECOSYSTEMS MANAGEMENT:
SCIENCE, ECONOMICS AND LAW

OCTOBER 6-8, 1997
WASHINGTON, D.C.

Beginning in 1993, the World Bank has convened a conference each autumn on a theme related to advancing environmentally and socially sustainable development. This year the event will be cosponsored by the Environmentally and Socially Sustainable Development (ESSD) Network, the Learning and Leadership Center (LLC), and the Economic Development Institute (EDI). The conference will focus on the scientific, legal, and economic requirements of global ecosystems management.

THE CHALLENGE

International agreements are but one element of addressing global environmental issues, such as the loss of biodiversity, climate change, desertification, ozone depletion, and water degradation. Yet they play a crucial role. Therefore, it is important that they reflect the best available scientific knowledge; that legal arrangements responding to those agreements create a level playing field and opportunities for innovation in the market place; and that they embody the most sensible economic analysis to advance the most cost-effective means to achieve the desired results.

The aggregation of local practices and national policies are reflected in the conditions of global ecosystems, and manifest themselves locally, nationally, and regionally, for example, in urban air pollution, the degradation of water, and the loss of agricultural productivity. Therefore, the bulk of the work required to respond to such agreements must be done at the subregional, country, and local levels. In this context, ethical questions of equity across societies and responsibilities between the rich and the poor nations must also be addressed.

OBJECTIVES

- ◆ Enhance awareness of the importance of ecosystems management in sustainable development.
- ◆ Promote the exchange of information and experiences among scientists, economists, and lawyers.
- ◆ Develop a common understanding of the scientific, legal, and economic requirements of global ecosystems management.

RESULTS

Contributions to the development of a global system of ecosystems management. Facilitation of the exchange of information and experiences among scientists, economists, and lawyers.

PROGRAM

Please
day

OBJECTIVES

- ♦ Engage experts, Bank managers, and country staff to understand the relationships among global ecosystem issues and national development goals and practices
- ♦ Provide a unique opportunity for major professional groups to interact on the requirements for linking scientific, economic, and legal solutions for global ecosystem management at the country level
- ♦ Promote understanding on how best practices and innovations can be used for shared ecosystem management in sustainable development.

RESULTS

Contributing to a better understanding of the roles and relationships among global systems and achieving sustainable development at the national and local levels. *Facilitating access* to examples of best practices and innovative processes. Integrating global concerns in country development strategies. *Assisting development practitioners* to better assess the global connections to their work.

PROGRAM OUTLINE

Monday, October 6, 1997

Plenary Sessions of Keynote Addresses and Panels

Global Challenges for Managing Ecosystems
The Requirements of Leadership for National Solutions
The Systems and Sovereignty of Nations and Nature
The Global View: Making the Connections
Global Treaties: Roundtable

TUESDAY, OCTOBER 7, 1997

Concurrent Global, Thematic, and Regional Roundtables and
Educational Seminars on the scientific, economic, legal, and
social aspects of global environmental issues

WEDNESDAY, OCTOBER 8, 1997

Plenary Session of Commentaries and Lessons Learned from the preceding
day's concurrent roundtables and panel discussions, and concluding addresses
Responding to Realities for the Year 2002

CONCURRENT ASSOCIATED EVENTS AND MEETINGS

In conjunction with the ESSD Conference, a number of concurrent Associated Events and meetings will be held. Some will be jointly sponsored with the Bank. These Associated Events and meetings will contribute to the development and support of partnerships. They will facilitate greater dialogue and cooperation between the Bank and representatives of the academic, research, nongovernmental organization, and development communities, and other sectors of the civil society.

SCHEDULED:

Ethics, Values and ESSD: A Global Perspective

Wednesday	October 3	3:00 – 5:30 p.m.
Wednesday	October 8	8:00 – 10:00 p.m.
Thursday	October 9	8:00 – 10:00 p.m.

Organizing Knowledge for ESSD

Thursday	October 9	10:00 a.m. – 5:30 p.m.
Friday	October 10	9:00 a.m. – 4:00 p.m.

Coral Reefs

Thursday	October 9	10:00 a.m. – 5:30 p.m.
Friday	October 10	9:00 a.m. – 4:00 p.m.

Biotechnology and Biosafety

Thursday	October 9	10:00 a.m. – 5:30 p.m.
Friday	October 10	9:00 a.m. – 4:00 p.m.

PRESENTLY ANTICIPATED:

Environmental Indicators

Thursday and Friday	October 9 – 10
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Multilateral Financial Institutions

Thursday and Friday	October 9 – 10
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Policy Research and National Capacity for ESSD

Thursday and Friday	October 9 – 10
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Water Diplomacy and the 21st Century

Thursday and Friday	October 9 – 10
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The ESSD Conference will be held in Washington, D.C. on October 6 and 8 at the Lisner Auditorium, The George Washington University, 730 21st Street, N.W.

All other Associated Events and meetings will be held on World Bank premises.

No registration fee required

ESSD5 REGISTRATION FORM⁽¹⁾

Please use all uppercase letters placed completely within the provided boxes.

First Name:

M.I.

Last Name:

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GLOBAL ECOSYSTEM MANAGEMENT:
SCIENCE, ECONOMICS AND LAW**

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Dr. Jose Vargas*, Minister of Science and Technology, Brazil
and President of the Third World Academy of Science, Minister Poul
Nielson, Minister for Foreign Development Cooperation, Norway

4:00 p.m. **“Reflections for the Future”**

Dr. Mohamed T. El-Ashry, Chief Executive Officer and Chairman
Global Environment Facility

Second Speaker

5:15 p.m. **Adjourn**

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(All Thematic Roundtables on Bank premises.)

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Thematic Roundtables

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Dr. Robert Watson*, World Bank, Dr. Raul Estrada; Dr. Pachauri* (India); Rudolf Dolzer*, Germany (Law), David Malin Roodman*, Worldwatch Institute, Eileen Claussen*, Location - H Auditorium (cap.286)
2. **Biodiversity** - Chair - Michael Severino*, RVP/EAP
Mr. Delmar Blasco*; Dr. Calestous Juma*, BD Secretariat; Dr. Peter Schei*; Dr. Nicolas Mateo*, Instituto Nacional de Biodiversidad, Costa Rica, Dr. Peter Raven*, Science; Charles Perrings*, York, U.K., Bernd Droste*, Heritage - Location - (JB 1080 cap. 130)
3. **Desertification and Forests** - Chair - J.L. Sarbib*, RVP/AFR,
Dr. Mohammed Kassas*, University of Cairo; (LAC, ASIA), IFAD, Dr. Reuben Olembo*, UNEP, Ola Ullsten*, Former Prime Minister of Sweden, Manuel Rodrigues*, Columbia, Location J 1050 (cap.72)
4. **International Water Regimes** - Chair - C. Madavo*
RVP/AFR, Dr. Mahmood Yousuf Abdulreheem*, Co-ordinator of Regional Organization for the Protection of the Marine Environment (ROPME), Kuwait, Torkil Jonch-Clausen*, Chair, Technical Advisory Committee, Global Water Partnership, Mr. Tamarii Tutangata*, Director, South Pacific Environment Programme - Location - H1-200 (cap. 73)

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1:00 p.m.

Thematic and Regional Roundtable Lunches

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- 2:30 p.m. Dr. Gro Harlem Bruntland, Member of Parliament, Norway
- 3:00 p.m. Alassane D. Ouattara, Deputy Managing Director
International Monetary Fund, Cote d'Ivoire
- 3:20 p.m. Dr. George A. Olah*, Nobel Laureate
Director, Loker Hydrocarbon Research Institute
University of Southern California
- 3:40 p.m. Mr. Raymond Gilmartin, CEO and Chairman of the Board,
Merck Pharmaceuticals, Whitehouse Station, N.J.
- 4:00 p.m. Break
- 4:15 p.m. **“Public/Private Partnerships: Applications and Best Practice”**

Moderator: Sven Sandstrom*, Managing Director, The World Bank,
Mr. Henry Hatch*, President, World Engineering Council for
Sustainable Development, K. M. Sarma*, Executive Secretary, Ozone
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- 5:15 p.m. Closing Commentary
Ismail Serageldin
- 5:30 p.m. Adjourn

CONCURRENT REGIONAL ROUNDTABLE SESSIONS

Tuesday, October 7

2:00 p.m.

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Dr. Mohammed Kassas*, University of Cairo, Dr. Cyril Enweze,
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(Goal - 300 Bank Participants)

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- (b) Water Issues (Francois-Marie Patornino) - Sponsor-EDI
length)
- (c) Sustainable rural development, desertification and forestry -
Sponsor ESSD/Rural Family; (day and length undecided)
- (d).Local Pollution: Global Solutions (1/2 day a.m.) Sponsor
ESSD/ENV
- (e) Indicators for Natural Resources Management Sponsor-
ESSD/ENV (a.m. only)
- (d) Country case studies - Sponsor-LLC; (10:30 a.m. to 5:30 p.m.)
Hoveida Nobakht

NOTE: On Wednesday, October 8, 9 a.m. to 1 p.m., Legal will hold a half day seminar for Task Managers on "Bank Policy and Global Environmental Treaties." (d) Global Treaties and Bank policy and operating directives. Sponsor-LEG;

7:30 p.m. to Task Force on Higher Education and Society - Dinner Meeting ESSD/HDD.
to
9:30 p.m.

**FIFTH ANNUAL WORLD BANK CONFERENCE
ON
ENVIRONMENTALLY SUSTAINABLE DEVELOPMENT**

**“Partnerships for Global Ecosystems Management:
Science, Economics, and Law”**

**October 6-8, 1997
Washington, D.C.**

Beginning in 1993, the World Bank, under the auspices of the Vice Presidency for Environmentally Sustainable Development (ESD) convenes a conference each fall on a subject or theme related to advancing environmentally and socially sustainable development.

SUBJECT

The 1997 conference will address the **scientific, legal, and economic requirements of global ecosystem management at the country level**. International agreements are only one component of addressing global environmental issues, such as the loss of biodiversity, climate change, desertification, ozone depletion, and water degradation. Yet, these agreements play a crucial role. Thus, it is important that they (1) reflect the best available scientific knowledge, (2) embody the most sensible economic analysis to advance the most cost effective means of achieving the desired results, and (3) generate legal arrangements that create a level playing field and opportunities for innovation in the market place.

The aggregation of local practices and national policies is expressed in the conditions of global ecosystems. They manifest themselves locally, nationally, and regionally in urban air pollution, degradation of water, and loss of agricultural productivity. Therefore, the bulk of the work required to respond to such global agreements must be done at the subregional, country, and local levels. In this context, ethical questions of equity across societies and responsibilities between the rich and the poor nations must also be addressed.

OBJECTIVES

1. To engage external experts with Bank managers and country staff
2. To provide a unique opportunity for major professional groups to interact on the requirements for linking scientific, economic, and legal solutions for global ecosystem management at the country level
3. To promote the applications of best practices and the uptake of innovations that contribute to managing transboundary ecosystems at the country level.

DESIGN

This conference is designed to provide an important learning opportunity for development practitioners to better understand the relationships among global ecosystem issues and national sustainable development financing, legislation, privatization, infrastructure, and rural development. It will provide examples of best practice and innovative processes, suggest approaches which contribute to country assistance development strategies, and assist development practitioners better assess the global connections to their national and local initiatives.

VENUE

The conference will be held October 6-8, 1997, in Washington, D.C., at the Lisner Auditorium of The George Washington University.

“ETHICS AND VALUES: A GLOBAL PERSPECTIVE”
An Associated Event
of
“PARTNERSHIPS FOR GLOBAL ECOSYSTEM MANAGEMENT:
SCIENCE, ECONOMICS, AND LAW”
the
Fifth World Bank Conference
on
Environmentally and Socially Sustainable Development (ESSD 5)

October 8

H Auditorium
The World Bank
600 19th Street, N.W.
Washington, D.C.

The event will take place October 8. Although one of the opening keynote presentations of ESSD 5 will address the moral imperatives of global ecosystem management, this associated event more fully explores the ethical and valuing aspects of ESSD 5.

Participants will explore several notions. For instance in confronting global ecosystem management, is there one common value shared by all life, implicitly and explicitly, such as the right to survive? Is this a commonly held value among all peoples? Do shared values and ethics underpin and/or compel global ecosystem management? In determining, in the first instance, the capacity of a life form to survive, does the type of ecosystem serve as the shadow template for the development and assertions of social values and ethical systems? Based on the historic influence of values and ethics in the development of societies, how are nations responding to the assertion of global values and ethics in global ecosystem management? How is science influencing the development of global environmental ethics and social values? Are global ecosystems issues influencing the relationships among science, economics, foreign relations and religions? How do present attempts to create global ecosystem management frameworks link values and ethics to national governance and to the laws of Nature?

The program is divided into four themes to explore these and other questions of relevance:

- | | |
|-------------|--|
| Theme One | A Global Ethic: Reflections on the 21st Century |
| Theme Two | Cultural Values, the Global Commons, and Development |
| Theme Three | Global Survival: A Convergence of Faith and Science? |
| Theme Four | Equity and Ecosystems: Local Justice-Global Systems |

J. Martin-Brown/Task Manager

“ORGANIZING KNOWLEDGE
FOR
ENVIRONMENTALLY SUSTAINABLE DEVELOPMENT”

An Associated Event of the fifth World Bank Conference
on Environmentally and Socially Sustainable Development
“Partnerships for Global Ecosystem Management: Science, Economics and Law”

OCTOBER 9-10, 1997
WASHINGTON, D.C.

OVERVIEW

The World Bank and the United Nations Educational, Scientific and Cultural Organization (UNESCO) are co-sponsoring this event to engage academic and development leaders in considering the requirements for organizing and linking knowledge, research, and disciplines so as to appropriately respond to the challenges of environmentally and socially sustainable development (ESSD).

Faculty and scholars from higher education, including the schools of law, economics, international relations, business, public administration, natural resources/environment, and natural and social sciences are being invited. In addition, those engaged with the Task Force on Higher Education and Society, being co-convened by UNESCO and the World Bank, and those directing UNESCO's Transdisciplinary Project on Environment and Population, Education, and Information Education for Development will be in attendance. Each of the world's major regions will be represented.

RATIONALE

The World Bank is undergoing a transformation in its organizational arrangements and mission. Two requirements of this effort are to improve the integration of cutting edge knowledge in the Bank operations, and another is mainstream social and environmental concerns in the Bank's development financing. Key to both efforts is establishing institutional processes which link knowledge and practice. For the World Bank, other international development institutions, and nations to most effectively respond to the challenges inherent in ESSD, there must be a commitment to developing candidates for employment who are state of the art experts in a specific discipline, yet who systematically consider the connections and impact of their discipline on other disciplines and sectors when applied, so as to support environmentally and socially sustainable development.

August 6, 1997

OBJECTIVES

This two day meeting will address four critical questions related to the academic preparation of those participating in the development and commercial realms through law, economics, business, foreign service, rural development, urban planning, and the natural and social sciences.

- What are the new content elements and parameters required by the ESSD paradigm in specific disciplines?
- What content links are necessary among disciplines to assure that disciplines explicitly address cross sector requirements in development?
- What research gaps related to implementing ESSD exist, and how could they be addressed by doctoral and post doctoral research?
- How do the disconnects among disciplines affect sustainable development at the national level?

THE GOALS

To establish trilateral partnerships among the academic, development and finance communities which support excellence in a given field and promote the “principle of porosity:” a demonstrated willingness to link disciplines and sector initiatives in pursuit of solutions which avoid economic, social and ecological liabilities in development processes.

To advance graduate research agendas which link disciplines to respond to the challenges of environmentally and socially sustainable development.

To develop new partnerships between academic and research organizations, and the World Bank, UNESCO and other international bodies, which result in revising curricula which respond to the requirements of environmentally and socially sustainable development.

CONCLUSION

Developing nations are seeking technology transfer, undertaking new partnerships with the private sector, and pursuing the development of their own scientific and technical capacities. As they do so, the quality and content of academic endeavors and research agendas, become critical in organizing and investing in knowledge for sustainable development, and in building international networks and partnerships to exchange knowledge and experience. Those being educated must be empowered to perceive and connect their disciplines differently, in order for development to be done differently.