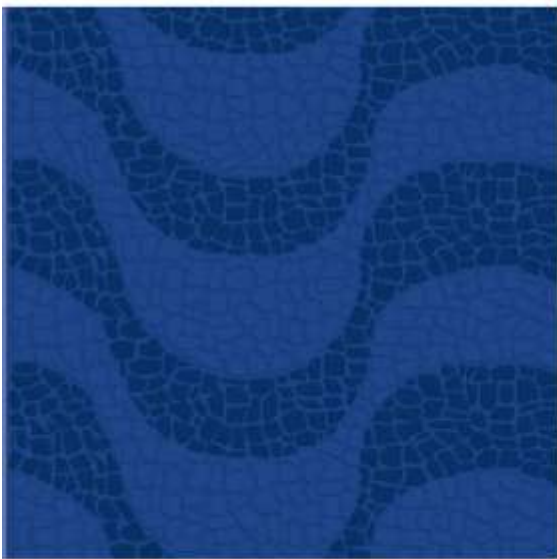




WORLD
SCIENCE
FORUM
RIO DE JANEIRO



MORE THAN EVER BEFORE,
THE WORLD WILL BE SHAPED
BY SCIENCE



24-27 NOVEMBER, 2013
Windsor Atlântica Hotel,
Copacabana • Rio de Janeiro



OPENING CEREMONY • NOVEMBER 24th

Municipal Theatre • Rio de Janeiro

Jacob Palis

President, Brazilian Academy of Sciences; Chairman, World Science Forum

József Pálincás

President, Hungarian Academy of Sciences; President, World Science Forum

Gordon McBean, President of ICSU

Sergio Cabral, Governor of Rio de Janeiro

János Áder, President of Hungary

Irina Bokova, Director General, UNESCO

Dilma Rousseff, President of Brazil





NOVEMBER

INEQUALITIES AS BARRIERS FOR
GLOBAL SUSTAINABILITY

SCIENCE POLICY AND GOVERNANCE:
INVENTING THE FUTURE

SCIENTIFIC INTEGRITY

Amazonia, Biodiversity and
Sustainable Development

The Medical Challenge of Old Age

Science Diplomacy

Sustainable Planted Forests

Applying Ocean Sciences and
Knowledge for Societal Benefit:
Demands After Rio+20

The Role of Higher Education in
Building a Critical Mass for Global
Sustainability

PLENARY SESSIONS • NOVEMBER 25th

INEQUALITIES AS BARRIERS FOR GLOBAL SUSTAINABILITY

Chair: Gretchen Kalonji

Assistant Director-General,
UNESCO

Speakers:

Ricardo Paes e Barros

Brazilian Presidency's Strategic
Affairs

Naledi Pandor

Minister of Home Affairs,
South Africa

Linxiu Zhang

Deputy Director of the Centre
for Chinese Agricultural Policy

Sir John Burn

New Castle University, UK

SCIENCE POLICY AND GOVERNANCE: INVENTING THE FUTURE

Chair: Alan Leshner

CEO, AAAS, USA

Speakers:

Heneri Dzinotyiweyi

Minister of Science and
Development, Zimbabwe

Luiz Davidovich

Director, Brazilian Academy of
Sciences

Anne Glover

Chief Scientific Adviser to
President of the European
Commission

Takashi Onishi

President, Science Council of
Japan

SCIENTIFIC INTEGRITY

Chair: Ernst Winnacker

Secretary General, Human
Frontier Science Program,
France

Speakers:

Indira Nath

Director, LEPR - Blue Peter
Research Centre in Hyderabad,
India

Bengt Gustaffson

Uppsala University, Sweden

Nicholas Steneck

Director, Research Ethics and
Integrity Program, Michigan
Institute for Clinical and Health
Research, EUA

Paulo Beirão

Coordinator, Global Research
Council, Brazil

PARALLEL SESSIONS • NOVEMBER 25th

AMAZONIA, BIODIVERSITY AND SUSTAINABLE DEVELOPMENT

Chair: *Adalberto Val*

Director, INPA, BRAZIL

Speakers:

Nilson Gabas, BRAZIL

Wolfgang Junk, GERMANY

Antonio Brack Egg, PERU

Julio Cezar Centeno, VENEZUELA

SUSTAINABLE PLANTED FORESTS

Chair: *Ron Sederoff*, USA

Speakers:

Oudara Souvannavong, ITALY

Shawn Mansfield, CANADA

Hans Grosse Werner, CHILE

Dario Grattapaglia, BRAZIL

THE MEDICAL CHALLENGE OF AGING

Chair: *Sérgio Pena*, BRAZIL

Speakers:

Suzanne Craft, USA

Yingrui Li, USA/CHINA

Fernando Lavadenz,

USA/BOLIVIA

APPLYING OCEAN SCIENCES AND KNOWLEDGE FOR SOCIETAL BENEFIT: DEMANDS AFTER RIO+20

Chair: *Jorge Luis Valdés*

FRANCE/SPAIN

Speakers:

José Muelbert, BRAZIL

Alan Simcock, UK

Patricia Miloslavich,

VENEZUELA

SCIENCE DIPLOMACY

Chair: *Katalin Bogyay*

Speakers:

Vaughan Turekian, USA

Romain Murenzi,

ITALY/RWANDA

Martyn Poliakoff, UK

Adel El Beltagy, EGYPT

Tateo Arimoto, JAPAN

THE ROLE OF HIGHER EDUCATION IN BUILDING A CRITICAL MASS FOR GLOBAL SUSTAINABILITY

Chair:

Lidia Brito,

FRANCE/MOZAMBIQUE



SCIENCE FOR NATURAL RESOURCES

SCIENCE AND ENGINEERING
EDUCATION

THE FUNDAMENTAL ROLE OF SCIENCE
IN INNOVATION

NOVEMBER

Water Cooperation and Security

Science for Sustainability or
Sustainability of Science?

Science and Technology in the
Service of Disaster Risk Reduction

Bioenergy

Academy and Enterprise

Future Earth

PLENARY SESSIONS • NOVEMBER 26th

SCIENCE FOR NATURAL RESOURCES

Chair: Chunli Bai

President, Chinese Academy of Sciences

Speakers:

Pavel Kabat

Director, IIASA , Austria

Ismail Serageldin

Director, Library of Alexandria, Egypt

Luis Eugenio de Mello

Director, Vale, Brazil

Mario Molina

Nobel Laureate, Mexico

SCIENCE AND ENGINEERING EDUCATION

Chair: Volker ter Meulen

IAP Co-chair, Germany

Speakers:

Pierre Léna

President of the Foundation La Main à la Pâte, France

Eva-Maria Neher

XLAB Experimental Laboratory for Young People in Göttingen , Germany

Daya Reddy

President, Academy of Sciences of South Africa

Patricio Felmer

University of Chile

THE FUNDAMENTAL ROLES OF SCIENCE IN INNOVATION

Chair: Werner Arber

Nobel Laureate, Switzerland

Speakers:

Reiko Kuroda

University of Tokyo

Ardhendu Pathak

Head of Innovation Cell, Airbus, India

Carlos Tadeu Fraga

Executive Manager for Pre salt, Petrobras, Brazil

Umar Buba Bindir

DG, National Office for Technology Acquisition and Promotion, Nigeria



PARALLEL SESSIONS • NOVEMBER 26th

WATER COOPERATION AND SECURITY

Chair: *László Somlyódy*, HUNGARY

BIOENERGY

Chair: *Chris Somerville*, USA

Speakers:

Luuk van der Wielen, NETHERLANDS

Xie Guanghui, CHINA

Luís Augusto Barbosa Cortez, BRAZIL

John Pierce, UK, SOUTH AFRICA

SCIENCE FOR SUSTAINABILITY OR SUSTAINABILITY FOR SCIENCE?

Chair: *Gordon Dalton*, IRELAND
and *Carlos Acevedo*, GERMANY

Speakers:

Ellen Pearce, UK

Martin Hynes, FRANCE

Eduardo Viotti, BRAZIL

Ester Basri, FRANCE

Claire McNulty, UK

ACADEMY AND ENTERPRISE

Chair: *Carlos Alberto Aragão*, BRAZIL

Speakers:

Embraer

Microsoft

SCIENCE AND TECHNOLOGY IN THE SERVICE OF DISASTER RISK REDUCTION

Chair: *Virginia Murray*, UK

Speakers:

David Johnston, NEW ZEALAND

Irasema Alcantara-Ayala, MEXICO

Yuichi Ono, JAPAN

Richard M Allen, USA

CHALLENGES AND OPPORTUNITIES OF INTERDISCIPLINARY AND TRANSDISCIPLINARY SCIENCE FOR SUSTAINABILITY: FUTURE EARTH

Chair:

Speakers:

Thomas Rosswall, FRANCE

Roberto Guimarães, BRAZIL

Carlos Nobre, BRAZIL



ANNOUNCEMENT

SCIENCE FOR GLOBAL SUSTAINABLE DEVELOPMENT

It is our honor and pleasure to announce that the sixth World Science Forum will be held in Rio de Janeiro from 24 to 27 November 2013. The Forum will be hosted by the Brazilian Academy of Sciences in partnership with the Hungarian Academy of Sciences, UNESCO, ICSU, EASAC and AAAS. Following the recommendations of the Steering Committee of the Forum, we are pleased to announce that the main theme of the 2013 World Science Forum will be "Science for Global Sustainable Development". In line with the recommendations approved during the United Nations Conference on Sustainable Development (Rio+20), we want to renew our commitment to global sustainable development, and to contribute towards the promotion of economically, socially and environmentally sustainable future for our planet, for present and future generations.

[more...](#)

PROGRAMME

SUNDAY 24 November	18:30 - 19:00
OPENING CEREMONY Municipal Theatre of Rio de Janeiro	
SUNDAY 24 November	19:00 - 19:30
UNESCO PRIZE CEREMONY Municipal Theatre of Rio de Janeiro	
SUNDAY 24 November	20:00 - 23:00
RECEPTION Sugarloaf Mountain	
MONDAY 25 November	09:00 - 10:30
PLENARY SESSION I: "INEQUALITIES AS BARRIERS FOR GLOBAL SUSTAINABILITY" Hotel Windsor Atlantica	
MONDAY 25 November	11:00 - 12:30
PLENARY SESSION II: "REFORM POLICY AND GOVERNANCE: INVENTING THE FUTURE"	

SPEAKERS



BINYAR, Umar Buba
DG, National Office for Technology and Promotion, Nigeria
[CV](#)

NEWS

Science for Global Sustainable Development

ACADEMIA BRASILEIRA DE CIENCIAS It is our honor and pleasure to announce that the sixth World Science Forum will be held in Rio de Janeiro from 24 to 27 November 2013. The Forum will be hosted by the Brazilian Academy of Sciences in partnership with the Hungarian Academy of Sciences, UNESCO, ICSU, EASAC and AAAS.

[more](#)

World Science Forum's Steering Committee meets in Paris 05. 04. 2013

World Science Forum's Steering Committee meets in Paris 05. 04. 2013
WSP's Steering Committee has decided on the subjects of thematic sections of World Science Forum 2013 in Rio de Janeiro. At the meeting in Paris with the participation of József Pál/Inkás, President of MTA and WSP, and several Nobel Prize winning scientists, members also decided on the speakers of the plenary sessions dedicated to "Science for Sustainable Global Development" next year.

[more](#)

QUOTES



Alan I. Leshner, 2007
Chief Executive Officer, AAAS
"For individual people to prosper anywhere in our world, they need to have access to the fruits of science, they need to have a fundamental understanding of the nature of science, and a comfort with scientific progress."



www.sciforum.hu





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