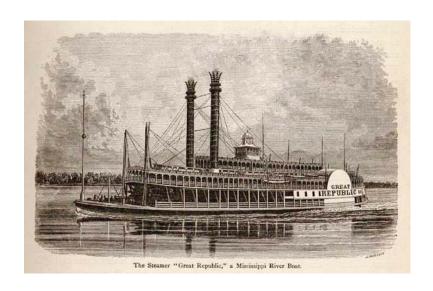
SYMPOSIUM VIII



'The Great Mississippi River: Restoring Balance'



under the auspices of

His All Holiness Ecumenical Patriarch Bartholomew

18th - 25th October 2009



... "One cannot tame that lawless stream, cannot curb it or confine it, cannot say to it 'go here', or 'go there', and make it obey; cannot save a shore which it has sentenced; cannot bar its path with an obstruction which it will not tear down, dance over, and laugh at."

Mark Twain

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1. RELIGION, SCIENCE & THE ENVIRONMENT

a. Introduction

Of the world's greatest rivers, the Mississippi is among those which have fallen most completely under human domination. With a total length of 3778 kilometres (2348 miles) and the third largest drainage basin on earth – exceeded only by the Amazon and the Congo – it flows through ten states of the USA and carries no less than 15 per cent of the nation's freight. Without the natural barriers of major falls, gorges or rapids, the Mississippi has always been navigable throughout its length, from the Ohio River in the north down to New Orleans and its delta-outfall into the Gulf of Mexico.

From the launch of the first steamship on the river in 1811, the river has been continuously dredged, embanked and straightened, culminating in an enormous programme of building levees to contain its floods which drained many of its wetlands, and has blocked the growth of its delta. A chain of cities along its length has discharged domestic and industrial waste into the Mississippi for nearly two centuries. Its waters made possible the giant agricultural expansion of 19th-century America and transported its produce downstream: wheat from the north, cotton and maize from the south. More recently, oil and gas exploitation has eaten into the Delta, while the run-off of artificial fertilisers and pesticides from upstream agriculture is poisoning the marine ecology of the Gulf of Mexico, creating the world's largest 'dead zone'.

A river of this size is profoundly influential in the global environment. Its potential contribution to climate change is less than that of the Amazon, the Congo or the shrinking Greenland ice-cap. But the impact of global climate change on the Mississippi system may be enormous. Its waters depend on North American rains, which in turn are linked to the health of the Amazon forest cover. The increase in devastating hurricanes striking its Delta region seems, on growing evidence, to be linked to sea evaporation caused by weather change — again, deriving from the shrinking of the Amazonian forests. The predicted rise in sea levels as the ice-caps melt threatens to submerge its low-lying Delta and its down-river or coastal cities — including New Orleans.

But the fate of the Mississippi waters is more than one aspect of global warming. It is also, very acutely, an ethical crisis. The exploitation of the great river - its pollution, the confinements of its course and the draining of its wetlands – is starting to produce serious human and environmental consequences.

The Mississippi is a challenge to human responsibility for the environment.

b. Past Symposia

Since 1995, RSE has convened seven symposia to study the fate of the world's waters which cover seven-tenths of our planet's surface. These assemblies of scientists, environmentalists, policy-makers and representatives of the world's main religious faiths have established a vibrant environmental ethics movement.

In September 1995, *Symposium I: Revelation & the Environment A.D. 95-1995*, was convened under the auspices of His All Holiness Ecumenical Patriarch Bartholomew and His Royal Highness Prince Philip, Duke of Edinburgh, on the occasion of the 1900th anniversary of St John's 'Book of Revelation'. Travelling through the Aegean Sea, this first Symposium identified the degeneration of the world's waters as potentially a new apocalypse confronting mankind and requiring the creation of a common language for scientific and theological thought to overcome centuries of misunderstandings.

Symposium II: The Black Sea in Crisis, held in September 1997 under the joint auspices of His All Holiness Ecumenical Patriarch Bartholomew and His Excellency Mr Jacques Santer, President of the European Commission, undertook a concrete case study. Participants voyaged around the Black Sea, visiting all its six countries and engaging in intensive debate about the decline of the marine ecosystem and the role of religion, science and politics to reverse this. Important initiatives which resulted on religious, scientific and governmental levels included commitments from international financial institutions, greater regional cooperation among governments and non-governmental organisations, as well as the creation of environmental education and training projects in the region. It became evident that no solution to the Black Sea's ecological collapse could be found without addressing the degradation of the great rivers that drain into it and the environmental challenges faced by their riparian countries.

Symposium III: River of Life: Down the Danube to the Black Sea was held in October 1999, and gathered international and Danube region leaders in the fields of religion, science, environmental policy, politics and media to travel the length of the Danube River – from Passau, Germany to its delta on the Black Sea – and explore the common ground between pragmatic environmental issues and the spiritual dimensions of nature. Travelling down one of Europe's great rivers, the Symposium focused attention on the impacts of war, urban development, industrialisation, shipping and agriculture. As was the case with the two prior symposia, Symposium III generated strong international media attention and has inspired new initiatives in the region.

Symposium IV: The Adriatic Sea: A Sea at Risk, A Unity of Purpose in 2002 addressed the ethical aspects of the environmental crisis. The environment is not just an object of study or an area of managerial concern. It is a space where millions of people live and share the responsibility of an extraordinary heritage. The need to cultivate ecological values and foster the emergence of the ecological consciousness of humanity is becoming more and more urgent. In the course of this Symposium, ideas were proposed as to how religion can inspire humanity towards an ecological ethos.

The six countries of the Adriatic include a wealthy Member State of the EU and some of the poorest countries in Europe, with problems ranging from those of an advanced industrial economy to those of countries in transition and in recovery from recent wars. At the head of the Adriatic lie Ravenna and Venice, potent symbols of human culture and achievements which now have to defend their disrupted ecosystems. The Symposium culminated in Ecumenical Patriarch Bartholomew and Pope John Paul II jointly signing the Venice Declaration for the Environment.

Symposium V: The Baltic Sea: A Common Heritage, A Shared Responsibility. In 2003 the Symposium turned to an almost entirely enclosed, extremely fragile water body. The Baltic Sea borders on, and receives pollution from, nine countries that have widely disparate natural resources, economies, social structures and mores. The end of the Cold War has allowed the regeneration of political, economic, social, cultural and religious ties within the region. The Symposium called attention to the problems of the Baltic Sea and their causes and further promoted the dialogue between religion and science encouraged by previous symposia. It generated practical initiatives supporting on-going efforts to protect the Baltic Sea and the application of lessons learned from other environmentally-threatened parts of the world.

Symposium VI: The Amazon, Source of Life was an eight-day event in 2006 which began in Manaus, the capital of the State of Amazonas in Brazil, and travelled up the river in ten boats visiting various environmental sites, giving the delegates a unique opportunity to examine the Amazon's conditions. The Symposium visited Brazil and the magnificent Amazon Basin not with preconceived answers and solutions, but in solemn recognition of humanity's concern for the future. The aim once again was to develop ethical codes for environmental action and policy. Over 200 religious leaders, scientists, environmentalists, and government officials from Brazil and around the world, gathered together on the Amazon to examine environmental challenges and ethical issues relating to the protection of nature. Throughout the voyage, international and regional delegates discussed topics ranging from environmental ethics to specific issues such as deforestation and biodiversity loss, the introduction of genetically modified organisms into Amazon ecosystems, the rights and struggles of indigenous and traditional peoples and the Amazon's ongoing impact on global climate change.

Symposium VII: The Arctic: Mirror of Life took place in September 2007. The silent majesty of the Arctic contrasted with the colourful exuberance of the Brazilian rainforest. And yet this journey revealed that even here the Amazon was making its environmental impact. The Symposium visited places where the melting ice has already wreaked change: those resilient communities who form the northernmost settlements in the world. Finally, we encountered the towering edge of the ice-mass itself, still vast but retreating year by year towards the Pole. There the assembled leaders of different faiths and disciplines joined in a prayer for the planet, asking that their polar pilgrimage be joined in spirit by all who care about the future of mankind, be they in Manaus or Moscow, Borneo or Beijing, Innsbruck or Ottawa. We know about 'tipping points', and yet we ignore the warnings now written across the top of the world. It is our nemesis that bubbles up from the melting permafrost in methane release. It is our whole planet that is at risk from the melting glaciers of Greenland. It is our future that is threatened by the loss of the precious reflective whiteness of the Arctic ice.

c. The Symposium Process

Underlying RSE's strategies is a core belief that the analytical tools of science and the spiritual messages of religion must work in harmony if the earth's environment is to be safeguarded. The symposia take place afloat, bringing participants – international and regional religious leaders, scientists, environmentalists, policy makers, media representatives and other prominent figures in politics and business – directly to endangered bodies of water.

Policy and planning for the symposia are developed by the Religious and Scientific Committee composed of senior international figures from religion and science, under the chairmanship of The Most Revd Metropolitan John of Pergamon. Representatives from countries relevant to each Symposium are also part of the organising committee. Previous symposia have been attended by heads of state, environmental ministers, ministers of economic affairs and prominent intellectual figures.

Symposia participants live and work together over the course of intensive meetings in a number of forums, including formal plenary and informal briefing sessions. During these sessions, speakers present their views on various environmental and ethical themes involving the body of water on which the Symposium is focused. In addition, and equally significant, participants visit sites of key environmental importance, where they are able to discuss specific issues with local experts.

One of the key aims of the symposia is to enable its participants to bond together and develop networks that will serve as bases for future action. To facilitate this interaction, RSE convenes workshop sessions throughout the symposia that are designed to engage participants in dialogues about the body of water under study, its environmental needs, and the resources and actions that might be brought to bear in the years ahead. These workshops draw on the enormous diversity of skills and experiences offered by symposia participants and have yielded a variety of valuable proposals for continued action.

d. Outcomes

Many of the benefits of bringing together representatives of various professions are intangible and derive from the new bonds and working relationships established during the course of the symposia. A number of significant outcomes, however, have resulted directly from prior symposia.

1. Communications

An integral part of the symposia is the participation of international and regional journalists. In addition to providing an important critical perspective on the issues raised by the symposia, media participation enables the various messages to reach a broad audience.

The Symposia have been the subject of extensive media coverage:

- Hundreds of articles have appeared in **print media**, amongst others The Financial Times; The Economist; The New York Times; The International Herald Tribune; The Guardian; The Observer; newspapers subscribing to the Associated Press, Agence France Presse, DPA, and the Catholic News Service; and scores of major and local newspapers and periodicals.
- Many major television and radio stations have covered the symposia during their visits to the various countries, creating special programmes or segments on e.g. The BBC World Service, Al Jazeera (English & Arabic), CNN Türk, ERT Greece, ORF Austria, Bulgaria National Television, TV GLOBO, Vatican TV & Radio, SKAI Greece. Two documentary crews from Canada, two Greek television stations, the Vatican Television station and crews shooting environmental documentaries have all travelled with the symposia. Television stations subscribing to the European Broadcast Union (EBU) throughout Europe, and their affiliates around the world, have used video news releases that were produced by RSE during the symposia.
- The Religion, Science and the Environment website is: www.rsesymposia.org

2. Programmatic Developments

In addition to communicating to a wider audience the issues related to protecting and improving the environment, the symposia have enabled the formation of new strategic partnerships and the strengthening of existing ones. These partnerships have provided the basis for broadened environmental protection activity. These include seeding networks of concerned people around seas or along rivers — school pupils, teachers, journalists, theological students — who establish and maintain contact in campaigns to spread awareness of the plight of their waters.

The symposia introduce new ideas and provide broadened horizons for consideration of the many different areas of work and interest. They also offer the opportunity for participants to establish an efficient networking scheme that enables new ideas, collaborations and projects to emerge. Another facet of the symposia is the direct setting of the discussed issues in their physical and cultural context, through special visits and the involvement of the local community. The spiritual message carried by the religious leaders taking part has provided enduring inspiration and encouragement in the valuable work of environmental preservation.

2. SYMPOSIUM VIII: 'The Great Mississippi River: Restoring Balance'

a. Summary

The Place: The lower part of the Mississippi

The Time: $18^{th} - 25^{th}$ October 2009

The People:

About two hundred participants – theologians, scientists, policy makers, environmentalists, representatives of business and NGOs, and the media – under the patronage of His All Holiness the Ecumenical Patriarch. Shore visits and on-board plenaries will include many distinguished individuals and some 80 members of the international media.

The Purpose:

Throughout this Symposium the moral aspects of the ecological problem will be examined, as in all our symposia, particularly in respect to the religious and cultural background. This is in order to establish the extent and the ways in which the religious community can contribute in facing the ecological crisis through a unified approach meeting the challenges, not just of this important river but also of other major river and delta systems around the world.

b. The Mississippi River

1. Introduction

The Mississippi River has a total length of 3778 km and runs through ten states (Minnesota, Wisconsin, Iowa, Illinois, Missouri, Kentucky, Arkansas, Tennessee, Mississippi itself and Louisiana).

Its source is Lake Itasca located in Clearwater County, Minnesota and it empties into the Gulf of Mexico about 160 km downstream from New Orleans. Part of the Jefferson-Missouri-Mississippi river system, it is the largest water system in Northern America and among the largest in the world. The river is divided into the upper Mississippi, from its source to the Ohio River, and the lower Mississippi, from the Ohio to its mouth into the sea.

The Mississippi has the third largest watershed in the world (exceeded only by the Amazon River and the Congo River). It drains 41% of the Continental United States. The drainage basin covers more than 3,225,000 km².

2. History

The Mississippi valley was first settled by numerous Native American tribes, such as the Ojibwa, Winnebago, Fox, Chickasaw, Natchez and Yazoo, who traded with one another, farmed the floodplains, fished the waters and gave the river its name (in Alonguian *Misi sipi* means 'Big water').

The first Europeans to navigate the river were Spanish conquistadors in the 16th century, followed a century later by French explorers and missionaries. The French were also the first to establish settlements in the Mississippi valley, founding several cities including New Orleans and St Louis.

In 1811 the arrival of powered vessels on the Mississippi was marked by the maiden voyage of the first steamboat, the *New Orleans*, which travelled the full length from the Ohio River to New Orleans.

In 1824, the US Army Corps of Engineers became involved with waterways and is still responsible, through its Civil Works Program, for the management and development of water resources in the United States. In 1879, Congress established the Mississippi River Commission (composed of Army and civilian experts) to create a comprehensive plan to facilitate navigation and prevent destructive flooding. One of the measures taken was the construction of a vast system of levees in order to limit flood damage. These levees mostly succeeded in restraining flood flows, but in both the devastating inundations of 1927 and that of 1993, many levees gave way and large areas were flooded.

3. Economic Importance

The Mississippi River plays a key role in the US economy. Many cities began life along its banks and continue to depend on the river for their economic base. The river transports 15% of the nation's total freight movement at just 2% of the cost. About 282 million of freight tons are carried each year, the most important cargoes being bulk items such as coal, petroleum products, sand, gravel and grain. New Orleans is the country's second largest port and a hub of international trade.

Agriculture is the number one industry along the Mississippi. The main crops are poultry/eggs, forestry, soybeans, corn, cotton and catfish.

c. Proposed Itinerary (18th – 26th October 2009)

Day	Location	Time	Programme
Sunday 18 th October	Memphis		Arrival of delegates Evening concert
Monday 19 th October	Memphis		Visit to National Civil Rights Museum Event commemorating Martin Luther King
Tuesday 20 th October	Memphis – New Orleans		Flight to New Orleans
Wednesday 21 st October	New Orleans		Official Opening of the Symposium Address of HAH Ecumenical Patriarch Bartholomew 1 st Plenary Keynote speech Afternoon session
Thursday 22 nd October	New Orleans		2 nd Plenary On-shore visits 'Chemical Alley' Afternoon session Evening discussion
Friday 23 rd October	New Orleans		3 rd Plenary On-shore visits: levees etc. Afternoon session Evening discussion
Saturday 24 th October	New Orleans		4 th Plenary Small boat visits, wetlands Afternoon session Evening discussion
Sunday 25 th October	New Orleans		5 th Plenary Concluding session; report / declaration
Monday 26 th October			Early morning departure of delegates to Newark Airport

d. Proposed Programme

Sunday 18th October 2009

The Mississippi Symposium will begin in the historic city of Memphis as a preliminary stage for those interested in the historical and ecological background of the region.

Participants will arrive during the course of the day. That evening there will be a musical event featuring the Mississippi Delta Blues, a musical genre born out of the hard life of the Delta which had a major influence on jazz and has travelled the world.

Monday 19th October 2009

The participants will visit the National Civil Rights Museum at the former Lorraine Motel where Martin Luther King was assassinated in 1968. This excellent museum traces the history of the African-American experience. The question then was posed whether or not the movement for racial equality and the elimination of hunger and poverty would end with his death? With the election of Barack Obama to the Presidency of the United States, part of his dream, which he spoke of in his famous speech in Washington, has been realised. Fulfilling the dream of economic justice and what is termed today eco-justice, is of particular concern to the Symposium.

A dinner will be hosted on a Mississippi river boat.

Tuesday 20th October 2009

The participants will fly from Memphis to New Orleans.

Wednesday 21st October 2009

Official Opening of the Symposium:

Welcome by Louisiana Governor, Bobby Jindal, and by New Orleans dignitary

Address of His All Holiness Ecumenical Patriarch Bartholomew

1st Plenary:

The interconnectedness of all things

- Local
- Regional
- Global
- Scientific
- Human
- Spiritual

During the Symposium, we will be exploring issues that need to be seen in the context of the complexity and diversity of life on Earth and above all in the temporal context.

The extraordinary meeting of the UNFCCC at Copenhagen this December is a defining moment for the future of human life on earth. We are beginning to run out of time in the battle to combat climate change (rising seas matched by rising levels of CO2 in the atmosphere); in addition to technological solutions, we need to release spiritual energy in the search for harmony (heaven on earth).

Water is an element that binds and connects diverse ecosystems and peoples. Rivers are living systems which provide important functions and services both for the environment and nature and for the peoples who live and work in the area of the river basin – the boundaries which define water flow.

The challenge lies in finding forms of governance and management which reconcile the conflicts and contradictions between using rivers for irrigation, hydropower, navigation, pollution disposal and for the provision of drinking water, while at the same time maintaining them as living systems.

Possible speakers and panel members:

Dr Steven H. Schneider Professor at Stanford University, IPCC

Sir Richard Chartres
 Lord Bishop of London

Mr Oren Lyons or other indigenous speaker

Pavan Sukhdev
 Managing Director and Head, Deutsche Bank

Global Markets in India

Prof. John Hart
 Boston University School of Theology

• Dr Antonio Nobre National Institute for Amazonian Research, Brazil

Dr Anastassia Makarieva
 Dr Victor Gorshkov
 Petersburg Nuclear Physics Institute
 Petersburg Nuclear Physics Institute

Prof. Dr Hans – Peter Duerr
 Prof. Li Bai-lian Larry
 Mr Benedikt Haerlin
 Max-Plank Institute for Physics and Astrophysics
 Botany Department, University of California
 Foundation of Future Farming, Save our Seeds

Afternoon session: Can Religion Help Save the Planet?

To meet the ecological crisis threatening the planet, it is generally agreed that humankind must change its behaviour. Can religion as a moral force change hearts and minds and thus behaviour, as it did with the abolition of slavery and the American civil rights movement? Will citizens voluntarily modify their way of life? Will technology and science save industrial civilisation?

Possible Participants:

Fr. John Chryssavgis Professor Mary Evelyn Tucker

Thursday 22nd October 2009

2nd Plenary:

Pollution

In essence pollution represents the failure of the human race to develop while recognising and honouring the unity of Creation. Belief in the unity of Creation means pollution should be tackled without harming ecosystems on which we all - and life itself - depend.

As in similar cases elsewhere in the world, the release of toxic materials in and along the Mississippi River poses a variety of threats to humans and to the environment. In most cases, it's the poor and vulnerable living close to petrochemical industries along the Mississippi who are most affected by contaminants released into the air and water and on to the land. The tension between the economic benefits of petrochemical production and the rights of those living nearby represents one of the fundamental difficulties in achieving what has become known as environmental justice.

Possible speakers and panel members:

Ms Anne Rolfes Louisana Bucket Brigade

Ms Wilma Subra Louisiana Environmental Action Network
 Andrew Mitchell Director Global Canopy Programme

Dr Aaron Wolf
 Department of geosciences, Oregon State

University

• Mr Ahmed Aboutaleb Mayor of Rotterdam, The Netherlands

On-shore visits: 'Chemical Alley'

Afternoon session: Can Contemporary Global Corporate Capitalism and a Habitable Planet Coexist?

With economic growth, contemporary religious beliefs and a planet of finite resources, something has to give. What sort of system could replace the current one which has led to this impasse?

- Ms Wilma Subra
- Professor Joseph Stiglitz

Friday 23rd October 2009

3rd Plenary:

Katrina: What went wrong and lessons learned

Hurricane Katrina, a Category 3 storm, made landfall in Louisiana on August 29, 2005 and followed a northerly track 30 miles east of New Orleans. After the storm, 85 per cent of greater New Orleans was flooded, in some areas for six weeks. While the pre-storm evacuation was highly successful, about 160,000 residents remained. Of these 1,600 lost their lives while 60,000 were rescued from flooded neighbourhoods. One consequence of the storm was that approximately 200,000 families were rendered homeless - mostly families which had heeded evacuation orders. One hundred and sixty nine miles of the 350 miles of levees around greater New Orleans were either destroyed or damaged.

Many levee collapses reflected design failures: the levee system, still under construction 40 years after commencement, caused floodwall backside erosion and collapse; lateral slides due to soil instabilities and piping; protected side uplift pressure failures; front side collapse due to wave attack; and overtopping and lowering of levee crests.

Many lessons can be learned from the Katrina catastrophe - lessons which can be applied to similar threats around the world to: 1) improve the effectiveness of risk evaluation and communication with the public at large; 2) review individual countries' levee funding and construction cultures; 3) improve and adapt numerical models for levee stability analysis and surge/wind wave field simulations; 4) improve disaster response and recovery strategies; 5) learn from each other's experiences with similar disasters and the varying approaches to living with unpredictability.

Possible speakers and panel members:

Prof. Ivor van Heerden
 Louisana State University Hurricane Center

 Representative from Southeast Asia disaster area

NGO representatives
 Lt Gen Robt L. Van Antwerp
 Dr Jerome Delli Priscoli
 Red Cross, Oxfam disaster preparedness
 Head of US Army Corps of Engineers
 Senior Adviser, Institute for Water

Resources, US Army Corps of Engineers

Disaster victims from other parts of the world

Dr J. David Rogers
 Karl F. Hasselman Chair, University of

Missouri-Rolla

assessment programme, Oslo, Norway

• A representative from China

On shore visits: levees etc.

Afternoon Session: Should Inhabited Coastal Areas be Defended or Abandoned?

This topic becomes relevant in the face of rising sea levels and increasing storm intensities. And the direct question at hand is should New Orleans be defended as it stands or resources be applied to protect a safer inland area?

Possible Participants:

Mr Tom Piazza (author of 'Why New Orleans Matters')

Mr Paul Brown Former Environmental Correspondent, The Guardian

HE Mr Mohamed Nasheed President of the Maldives

Prof. Ivor van Heerden Louisiana State University Hurricane Center

Saturday 24th October 2009

4th Plenary:

Restoring and Protecting the Coast

Coastal delta areas, where river systems and seas meet, are constantly changing. In the past we have seen ourselves as the Masters of Creation and sought to change and tame natural systems for perceived short-term benefit. A consequence of working against rather than with nature in coastal areas has often been flooding, the wholesale destruction of property and loss of human life.

It has also degraded many of the world's wetlands, which play a critical role in protecting inhabited areas from storm surges, conserving bio-resources, enhancing biodiversity, and soaking up large quantities of greenhouse gases. In the Mississippi, industrial and navigational development has resulted in significant wetland loss. Many countries around the world face similar challenges and are searching for solutions.

Possible speakers:

A Scotland Yard representative involved in the UK flood evacuation planning

Mr Kevin Rudd
 Prime Minister of Australia

Dr Peter Bridgewater
 Dr Pieter Botha
 Former Secretary General to Ramsar Convention
 Set up wetlands programme in Southern Africa

Mr Carl Pope Sierra Club, New Orleans

Mark Schleifstein Journalist, The Times-Picayune, New Orleans

Margaret Barker Biblical Scholar & Author

Prof. Roger S. Gottlieb Worcester Polytechnic Institute

Ms Patricia Cochran
 Prof. Mary Evelyn Tucker
 Chair of the Inuit Circumpolar Council
 Social and Policy Studies, Yale University

• Brig. Gen. Michael J. Walsh U.S. Army Corps of Engineers

Dr Vandana Shiva
 Physicist, environmental activist and writer

Small boat visits, wetlands

Afternoon session: Media event 'Communicating the Message'

Arianna Huffington co-founder and editor in chief of the Huffington Post, a nationally syndicated columnist and author
 Mark Schleifstein Journalist, The Times-Picayune, New Orleans
 Paul Brown Former Environmental Correspondent, The Guardian

Ms Anya Schiffrin Acting director, International media, advocacy and

communications programme, School of

International and Public Affairs, Columbia University

Sunday 25th October 2009

5th Plenary:

Climate Change: Consequences and Delta systems

The latest science confirms that the pace of climate change is accelerating and that political decisions made this very year could decide the future of human civilisation. Coastlines are changing as sea levels rise. Farmland is disappearing, human settlements are being overwhelmed and habitats lost.

At the same time extreme weather events have become more damaging and unpredictable. Urgent decisions are needed to mitigate the risk of continued human-induced climate change. We must also learn to adapt to the changes that are now unavoidable. Difficult dilemmas must be addressed.

Possible speakers:

Dr Robert Corell
 Rev. Richard Cizik
 Chair of the Climate Action Initiative
 Environmental Evangelical leader

Rev. Jim Ball
 Executive Director, Evangelical Environmental

Network

Prof Herbert Girardet Co-Founder and Director, World Future Council

An Insurance industry representative

• Victims of climate change locally and elsewhere in the world

HE Mr Mohamed Nasheed President of Maldives

Peter Bridgewater
 Chairman, Joint Nature Conservation Committee

Concluding session: Can Religion and Science collaborate to mitigate the crisis?

Science provides the data on the state of our planet's health and religion has the potential to mobilise the faithful to act to restore the health of a world we all share. Yet suspicion and distrust between these two communities are centuries old – a rift which the RSE symposia are committed to bridge.

Report / conclusions

Possible speakers:

Prof. Minik Rosing
 Professor, State Museum of Natural History,

Copenhagen, Denmark

Monday 26th October 2009

Departure of Delegates from Newark Airport

e. Religious and Scientific Committee

Executive Committee:

Honorary Chair:

His Eminence Metropolitan John of Pergamon, B.D., S.T.M., Dr Theol. D.Theol h.c.

Members:

Mr Leonard Alsfeld, President and CEO, FBT Investments, New Orleans, Louisiana

Mr Neal Ascherson, Writer and lecturer at University College London, UK

Dr Margaret Barker, Biblical scholar and Writer

The Revd Canon Sally G. Bingham Interfaith Power and Light

The Revd Deacon Dr John Chryssavgis, Boston, USA

Dr Ivor van Heerden, Director, Center for the Study of Public Health Impacts of Hurricanes, Louisiana State University

Mr Philip Weller, Executive Secretary of the International Commission for the Protection of the Danube River (ICPDR)

Ms Jacquelyn Clarkson

Vice President, New Orleans City Council

Committee Members:

The Revd Jim Ball

Evangelical Environmental Network

The Rt Revd & Rt Hon. Sir Richard J.C. Chartres, Lord Bishop of London

The Revd Richard Cizik,

Environmental Activist

Professor John A. Grim

Yale University

The Revd Dr Michael Kinnamon

General Secretary, National Council of Churches

Dr Graeme Kelleher

Vice President of the Commission on National Parks & Protected Areas, Australia

Professor Robert Lange

Associate Professor of Physics, Brandeis University, USA

Mr Thymios Papayannis

Honorary President of WWF Greece

Mr Carl Pope

Director, Sierra Club

Ms Margie Eugene-Richard

Activist, winner Goldman Prize

Ms Anne Rolfes

Louisiana Bucket Brigade

Mr Frits Schlingemann

UNEP, Regional Office for Europe

Mr Tom Spencer, Vice Chairman, Institute for Environmental Security, Hague, Netherlands

Dr Paul H. Templet

School of Coast & Environment, Louisiana State University

Professor Mary Evelyn Tucker

Yale University

Coordinator for Louisiana:

Mr James Brooke, Executive Producer Swift Street Productions

Special Advisers:

Mr Bruce Clark, Journalist, The Economist

Dr Antonio Nobre, Senior Scientist, National Institute for Amazonian Research

Film Coordinators:

Mr James Becket, Lawyer and Film Producer

Mr James Whitney, Film Producer, Film Editor, Sage Mountain Films.

Media Advisers:

Mr Paul Brown, Journalist, former Environment Correspondent, The Guardian

Mr Brian Cathcart, Professor of Journalism at Kingston University, London

Mr Kieran Cooke Financial Times BBC / Spectator / Irish Times

Mr Mark Schleifstein, Journalist, The Times-Picayune, New Orleans

Mrs Maria Becket: Symposia Co-ordinator - Religion, Science & the Environment
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3. PARTICIPANTS

a. List of proposed invitees

	Title	Name	Country of Origin Country of Residence	Organisation	Discipline
1	Mr	Aboutaleb, Ahmed	Morocco The Netherlands		Mayor of Rotterdam
2	HSH Prince	Albert II of Monaco	Monaco		
3	Professor	Alivizatos, Nikos	Greece	Alivizatos & Partners Law Firm	Professor of Law
4	Dr	Allen, Myles	UK	University of Oxford, Department of Atmospheric, Oceanic, and Planetary Physics	Head of the Climate Dynamics group
5	HE Mr	Auken, Svend	Denmark		Former Minister of Environment
6	Mr	Barry, John	USA		Author
7	Mr	Bahamonde, Marty	USA	Federal Emergency Management Agency	
8	Mr	Begley, Ed Jr.	USA		Actor
9	Mrs	Bertic, Monique	USA	Harvard School of Public Health	Associate Director for International Advancement
10	HE Mr	Bildt, Carl	Sweden		Minister for Foreign Affairs
11	The Hon.	Blumenauer, Earl	USA	US Congress	US Congressman
12	Professor	Boesch, Donald F.	USA	University of Maryland Center of Environmental Science	President and Professor
13	HE Mr	Borloo, Jean-Louis	France		Minister of Ecology, Energy, Sustainable Development and Territorial Development
14	Dr	Botha, Pieter	South Africa	Department of Environmental Affairs and Tourism	Deputy Director, Policy Development, Biodiversity & Heritage
15	Mr	Boyd, Ezra	USA	Louisiana State University, Hurricane Center	
1/	D.,	Dridgewater Date:	Australia	Joint Nature Conservation	Chairman, Former Secretary
16	Dr	Bridgewater, Peter	UK	Committee	General of the Ramsar Convention

				Harvard School of Public	Professor at the Department for
17	Dr	Briscoe, John	USA	Health	Environmental Health
18	Mr	Brown, Lester Russell	USA	Earth Policy Institute	President, UN Environment Prize Winner
19	Mrs	Browner, Carol	USA	Office of Energy and Climate Change Policy	Assistant to the President for Energy and Climate Change
20	Dr	Bullard, Robert D.	USA	Clark Atlanta University	Professor, Director of the Environmental Justice Resource Center
21	Mr	Burke, James Lee	USA		Author
22	Professor	Campanella, Richard	USA	Tulane University, Department of Earth and Environmental Sciences	Assistant Research Professor
23	The Hon.	Cao, Anh 'Joseph'	Vietnam USA	US Congress	US Congressman
24	Ms	Catris, Sonia	Greece Spain	World in Harmony	Vice-President
25	Ms	Cochran, Patricia	USA	Inuit Circumpolar Council (ICC), Alaska	Chair
26	Dr	Corell, Robert	USA	H. John Heinz III Centre for Science, Economics and the Environment	Global Change Program Director
27	Mr	Danson, Ted	USA		Actor, environmentalist
28	Mr	Darbee, Peter	USA	Pacific Gas and Electric Corporation	Chairman, CEO and President
29	Mrs	Dashiell, Pam	USA	Holy Cross Neighbourhood Association	President
30	Mr	Davis, Mark	USA	Tulane Institute on Water Resources Law & Policy, Tulane Law School	Director
31	Dr	Delli Priscoli, Jerome	USA	US Army Corps of Engineers' Institute for Water Resources	Senior Advisor
32	Professor	Diamandouros, Nikiforos	Greece France		European Ombudsman
33	Professor	Diamond, Jared	USA	Department of Geography, University of California, Los Angeles (UCLA)	Professor
34	Professor	Diaz, Robert	USA	Virginia Institute of Marine Sciences	Professor
35	HE Mr	Dimas, Stavros	Greece	European Commission	Commissioner for the Environment
36	Dr	Diyamandoglu, Vasil	Turkey USA	City College of New York, Civil Engineering Department	Professor

37	Dr	Dyson, Michael Eric	USA	Georgetown University, Washington	Professor of Sociology, Author
38	Professor	Emanuel, Kerry	USA	Massachusetts Institute of Technology	
39	His Eminence	Metropolitan Emmanuel of France	Greece Belgium	Ecumenical Patriarchate	Director of the Liaison Office to the European Union
40	Mr	Fielkow, Arnold	USA	New Orleans City Council	
41	Mr	Fugate, Craig	USA	Federal Emergency Management Agency (FEMA)	Director
42	Mrs	Galante, Elizabeth	USA	New Orleans Office & Resource Center of Global Green USA	Director
43	Mr	Gallas, Walter	USA	National Trust for Historic Preservation	
44	Dr	Galloway, Gerry	USA	University of Maryland	Professor, Flood management expert
45	Mr	Goldmark, Peter	USA	Environmental Defense Fund	Director Climate & Air Program, Former President of the Rockefeller Foundation
46	Mr	Goldsmith, Zac	UK	The Ecologist	Publisher
47	Professor Dr	Gorshkov, Victor Makarieva, Anastassia	Russia	St Petersburg Nuclear Physics Institute	
48	Professor	Gottlieb, Roger S.	USA	Worcester Polytechnic Institute	Professor of Philosophy
49	Mr	Graves, Garret	USA	Louisiana Governor's Office of Coastal Activities	Director
50	Rabbi	Gutow, Steve	USA	Jewish Council for Public Affairs	Executive Director
51	Mr	Haerlin, Benedikt	Germany	Foundation on Future Farming, Save our Seeds	
52	Dr	Hansen, James E.	USA	NASA Goddard Institute for Space Studies	Director
53	Professor	Harriss, Robert	USA	Houston Advanced Research Center	
54	Professor	Hart, John	USA	Boston University School of Theology	Professor of Christian Ethics
55	Professor	Hattingh, Johan P.	South Africa	Stellenbosch University; COMEST (The World Commission on the Ethics of Science and Technology of UNESCO)	Professor of Philosophy, Head of the Unit for Environmental Ethics; Member
56	Dr	Hepburn, Cameron	UK	Smith School of Enterprise and the Environment, University of Oxford	Deputy Director
57	Mr	Hertzberg, Robert	USA	Renewable Capital, LP	Co-Founder & Principal

58	The Hon.	Holden, Melvin	USA	City of Baton Rouge, Parish of East Baton Rouge	Mayor-President
59	Dr	Holzwarth, Fritz	Germany	German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety	Deputy Director General for Water Management
60	Ms	Huffington, Arianna	Greece USA	Huffington Post	Founder and author
61	The Revd Dr	Hunter, Joel Carl	USA	Northland Church in Florida	Senior Pastor
62	HRH Princess	Irene	Greece Spain	World in Harmony	President
63	The Hon.	Jackson, Lisa P.	USA	US Environmental Protection Agency	Administrator
64	Mr	Jensen, Derrick	USA		Author
65	Mr	Jones, Van	USA	Green for All	President
66	Mr	Jun, Ma	China	Institute of Public and Environmental Affairs (IPE)	Director, writer, environmentalist
67	Mr and Mrs	Kaplan, Martin S.	USA	WilmerHale	Lawyer
68	Mr	Kennedy, Robert F. Jr.	USA	Pace Environmental Litigation Clinic, Pace University School of Law; Riverkeeper	Co-Director; Chief Prosecuting Attorney
69	Mrs	Klein, Naomi	Canada		Author
70	Mr	Ktistakis, Yannis	Greece	Alivizatos & Partners Law Firm	Lawyer
71	Ms	Künast, Renate	Germany	Bundestag (German Parliament)	Chairman of the parliamentary section of the Green Party (Bündnis 90/Die Grünen)
72	Mr	Kunstler, James Howard	USA		Author
73	The Hon.	Landrieu, Mitchell	USA	Lieutenant-Governor of Louisiana	
74	Dr	Landsea, Chris	USA	National Hurricane Center (National Weather Service, NOAA)	
75	Ms	Lavery, Sarah	UK	Environment Agency	TE2100 Project Manager (Thames River barrier/surge flooding)
76	Professor	Li, Bai-lian Larry	USA	University of California, Riverside	Professor of Ecology
77	Mr	Lund, Ole	Norway	Bugge, Arentz-Hansen & Rasmussen	Legal Adviser
78	Lord	Malloch Brown, Mark	UK	Ministry of Foreign Affairs	Under-Secretary

79	Ms	MacDonald, Cynthia	USA		
80	Dr	Mattson, Ingrid	USA	Islamic Society of North America	President
81	Mr	Mayfield, Irvin	USA		Musician, Cultural Ambassador of the City of New Orleans
82	Dr	Mazrui, Ali A.	Kenya USA	Institute of Global Cultural Studies, Binghamton University, World Congress	Director, Vice-President, lecturer
83	Mr	McCorkell, Don	USA	of Black Intellectuals	Activist, Filmmaker
84	Mr	McKibben, Bill	USA		Author, environmentalist
85	Prof. Dr	Messner, Dirk	Germany	German Development Institute	Director
86	Ms	Milling, Ann	USA	Women of the Storm	Founder
87	Mr	Milling, R. King	USA	Governor's Advisory Commission on Coastal Protection, Restoration and Conservation, America's Wetland Foundation	Chairman
88	Mr	Mitchell, Andrew	UK	Global Canopy Programme	Founder and director
89	Mr	Murray-Philipson, Hylton	UK	Global Canopy Programme	Trustee, business person
90	The Hon.	Nagin, Ray C.	USA		Mayor of the City of New Orleans
91	HE Mr	Nasheed, Mohamed	Maldives		President of the Maldives
92	The Revd	Nguyen, Vien The	Vietnam USA	Mary Queen of Viet Nam Catholic Church, New Orleans	Priest
93	Mr	Papalexopoulos, Theodoros	Greece		Industrialist
94	Mr	Piazza, Tom	USA		Author
95	Mr	Pitt, Brad	USA		Actor
96	Dr	Rabalais, Nancy	USA	Louisiana Universities Marine Consortium	Executive Director, professor
97	Mr	Rafn, Henrik	Denmark Greenland	Municipality of Ilulissat, Greenland	Director
98	Dr	Reed, Denise	USA	University of New Orleans	Professor
99	Mr	Reiersen, Lars-Otto	Norway	Arctic Monitoring and Assessment Programme (AMAP)	Executive Secretary

100	Mrs	Robinson, Florence	USA		Activist on chemical issues
101	Mr	Rodriguez, Carlos Manuel	Costa Rica	Conservation International, Conservation Biodiversity Center (CBC)	Regional Vice- President, Regional Director for Mexico and Central America
102	Dr	Rogers, J. David	USA	Missouri University of Science and Technology	Professor of Geological Engineering
103	Ms	Rosenthal, Sandy	USA	Levees.org	Founder and Director
104	Professor	Rosing, Minik	Greenland Denmark	The Commission for Scientific Research in Greenland	Earth Sciences
105	Mr	Rothwell, Phil	UK	Environment Agency	Head of Flood Risk Management Policy
106	Dr	Rubiera, José	Cuba	Instituto de Meteorología Havana, Havana University	Director of the Cuban National Forecasting Centre, Professor
107	HE Mr	Rudd, Kevin	Australia		Prime Minister
108	Professor	Sachs, Jeffrey	USA	The Earth Institute, Columbia University	Director, Professor
109	Dr	Sachs, Wolfgang	Germany	Wuppertal Institute for Climate, Environment and Energy	Senior Research Fellow
110	Ms	Sarthou, Cynthia	USA	Gulf Restoration Network	Executive Director
111	Professor	Schiffrin, Anya	USA	Columbia University, School of International and Public Affairs	Lecturer; Acting Director of the International Media & Communications Program
112	Dr	Schmidt, Gavin	USA	Real Climate, NASA Goddard Institute for Space Studies, New York	Founding member, climatologist, climate modeller
113	Dr	Schneider, Steven H.	USA	Stanford University, IPCC	Professor
114	Professor	Schnellnhuber, Hans Joachim	Germany	Potsdam Institute for Climate Impact Research (PIK)	Director
115	Dr	Serageldin, Ismail	Egypt	Bibliotheca Alexandrina	Director
116	Mrs	Sevdali, Maria	Greece Belgium	Council of the European Union	General Secretariat
117	Ms	Shakespeare, Amanda	UK	Wingate Ventures Ltd	Works in the area of environmental protection
118	Mr	Shearer, Harry	USA		Actor, musician, activist
119	Dr	Shiva, Vandana	India	Navdanya	Physicist, environmental activist, writer

120	HE Mr	Sioufas, Dimitris	Greece	Hellenic Parliament	President
			Nigeria		
121	Professor	Soyinka, Wole	USA		Writer, poet, Nobel Prize for Literature
122	Professor	Speth, James Gustave	USA	Yale School of Forestry and Environmental Studies	Dean
123	Mrs	Steenburgen, Mary	USA		Actor, environmentalist
124	Sir	Stern, Nicholas	UK	London School of Economics, LSE Asia Research Centre	IG Patel Chair of Economics and Government, Director
125	Professor	Stiglitz, Joseph	USA	Columbia University	Professor, Nobel Prize in Economics
126	Ms	Strand, Karin	Norway	MS Fram	Chief Purser
127	Ms	Subra, Wilma	USA	Louisiana Environmental Action Network	
128	Mr	Sukhdev, Pavan	India UK	Green Economy Initiative, UNEP	Study Leader - TEEB & Project Leader
129	Mrs	Taplin-Chinoy, Shahnaz	USA	Shahnaz Taplin-Chinoy and Associates	Executive Director, author
130	Mr	Thornton, James	UK	ClientEarth	CEO, environmental lawyer
131	Mr	Tripp, James	USA	Environmental Defense Fund	General Counsel
132	Lt General	Van Antwerp, Robert	USA	US Army Corps of Engineers	Chief of Engineers
133	Dr	Venter, J. Craig	USA	J Craig Venter Institute	Director, Geneticist
134	Mr	von Uexkull, Jacob	Sweden UK	World Future Council, Right Livelihood Award	Founder
135	HE Mr	Veerman, Cornelis Pieter	The Netherlands		Former Minister of Agriculture
136	Mr	Vourloumis, Panagis	Greece	Hellenic Telecommunications Organization (OTE)	President
137	Professor	Vrijling, Han	The Netherlands	Delft University of Technology	Professor
138	Brigadier General	Walsh, Michael J.	USA	U.S. Army Corps of Engineers, Mississippi River Commission	President- Designate, commander of the Mississippi Valley Division
139	Mrs	Williams, Terry Tempest	USA		Author, environmental activist
140	Mr	Wilson, Dean	USA		Environmentalist
141	Mr	Wohlson, Brian	USA		

142	2 Professor	Wolf, Aaron	USA	Oregon State University, Dept. of Geosciences	Professor (Water Policy & Planning)
14:	B Dr	Wright, Beverly	USA	Deep South Center for Environmental Justice, Dillard University	Executive Director

b. Sample of proposed media invitees

	Title	Last Name	First Name	Organisation	Discipline
1	Mr	Abranches	Sergio	CBN all news radio network, Brazil	Journalist
2	Ms	Aquilino	Giada	Vatican Radio	Journalist
3	Ms	Bakogianni	Katerina	ERT NET, Greece	Journalist, TV presenter
4	Ms	Becatoros	Elena	AP	Journalist
5	Mr	Bhagat	Simit	Business Eye, Nigeria	Journalist
6	Mrs	Butt	Riazat	The Guardian, UK	Religious Affairs Correspondent
7	Mrs	David	Laurie		Environmentalist, Film Producer
8	Mr	Di Cesare	Loreto	TV Vatican	Journalist
9	Mr	Debs	Jacques		Journalist
10	Mr	Doyle	Alister	Reuters	Environmental correspondent
11	Mr	Georgiou	Mark	BBC News	Journalist, Senior Producer
12	Mrs	Grefe	Christiane	Die Zeit, Germany	Journalist and Author
13	Mr	Harrabin	Roger	BBC News	Environment Analyst
14	Mrs	Hilton	Isabel		Journalist, Sinologist
15	Mrs	Норе	Kerin	Financial Times, Athens	Correspondent
16	Mr	Howden	Daniel	The Independent	Africa Correspondent
17	Ms	Huffington	Arianna	The Huffington Post	Co-founder, Editor-in-chief
18	Mr	Lean	Geoffrey	The Independent	Environment Correspondent
19	Father	Lombardi	Federico	Vatican Press Office	Director
20	Mr	Manginas	Nikolaos		Photographer of His All Holiness Ecumenical Patriarch Bartholomew

21	Mr	Moyers	Bill		Journalist
22	Mr	Painter	James	BBC World Service	Executive editor for the Americas and Europe region
23	Mr	Papachristou	Nikolaos	Kathimerini; SKAI, Greece	Journalist
24	Mr	Pechlivanidis	Chronis	ERT NET, Greece	Journalist
25	Mr	Pigott	Robert	BBC News	Religious Affairs Correspondent
26	Mr	Poulidis	Christos	Journal 'Oxygen'	Photographer
27	Mr	Poulidis	Antonis	Journal 'Oxygen'	Journalist
28	Mr	Quinn	Patrick	AP	Journalist
29	Mr	Rekacewicz	Philippe	Le Monde Diplomatique	Journalist
30	Mr	Revkin	Andrew	New York Times	Journalist
31	Mr	Semenitari	Ibim	Times of India	Journalist
32	Mr	Severino	Howie	Editor in chief of GMA website Philippines	Journalist
33	Mr	Shukman	David	BBC News	Environment and Science Correspondent
34	Mr	Smith	Hedrick		Journalist and author
35	Mrs	Tsokli	Maya	ERT NET, Greece	Journalist
36	Mr	Varney	Oliver	Al Jazeera English	Deputy News Editor
37	Mr	Vidal	John	The Guardian, UK	Environmental Editor
38	Ms	Vourloumi	Eirini		Journalist
39	Mr	Woodard	Colin	Christian Science Monitor, USA	Journalist

c. Sample of participants from 53 nations who have attended the previous seven symposia

Name	Country	Position	Institution
HH Prince Sadruddin AGA KHAN	UN	President	Bellerive Foundation
His Beatitude ANASTASIOS	Albania	Archbishop	Tirana and all Albania
Mr Svend AUKEN	Denmark	Former Minister	Ministry of Environment and Energy
Professor David J. BELLAMY	UK	Founder and Director	The Conservation Foundation Media Personality
Ms Ritt BJERREGAARD	Denmark	EU Commissioner	Environment and Nuclear Safety, European Commission
Dr Philippe BOURDEAU	France	President	Institute for Environmental Management and Land Use Planning, University of Brussels
Dr Hans BLIX	Sweden	Former President Head	World Federation of United Nations Association United Nations Monitoring, Verification and Inspection Commission
Dr Erhard BUSEK	Austria	Former Chancellor of Austria	
Professor Terry V. CALLAGHAN	UK	Member	United Nations Environment Programme's experts panel on stratospheric ozone depletion
Sir Richard Chartres	UK	Bishop of London	ADD
HE Reis-ul-Ulama CERIC	Bosnia Herzegovina	Head	The Islamic Community in Bosnia & Herzegovina
Mrs Patricia COCHRAN	Alaska	Chair	Inuit Circumpolar Council
Mr Nuri COLAKOGLOU	Turkey	Chief Executive	NTV Television
Dr Robert CORELL	USA	Chair	Arctic Climate Impact Assessment, Institution of Oceanography, University of Washington
Mrs Birgitta DAHL	Sweden	Speaker	Swedish Parliament
HE DEMETRIOS	USA		Archbishop of America
Ms Elizabeth DOWDESWELL	Canada	Educational Consultant	Visiting Professor, University of Toronto Former Exec. Director, UNEP
Count Dr Karl DRASKOVICH	Austria	Board Member	Wildlife Research Institute, Vienna
Dr Hans-Peter DUERR	Germany		Max-Planck Institute for Physics and Astrophysics, Nobel Peace Prize 1995
Dr Sylvia EARLE	USA	Founder	Deep Ocean Engineering Inc.
Dr Massoumeh EBTAKAR	Iran	Vice-President	Ministry of Environment First woman Vice President appointed by President Seyyed Mohammad Khatami

		Environmental	to the former Swedish Drime
Mr Stefan EDMAN	Sweden	Environmental adviser	to the former Swedish Prime Minister Goran Persson
Professor Paul EHRLICH	USA	Professor of Population Studies	Department of Biological Sciences, Stanford University
Professor Ole ESPERSEN	Denmark	Commissioner Former Minister of Justice	Council of the Baltic Sea States (CBSS) on Democratic Institutions and Human Rights
HE Cardinal R. ETCHEGARAY	Vatican	President	Pontifical Council for Justice and Peace
Mrs Kristalina GEORGIEVA	Russia	Director	World Bank
Mr Misha GLENNY	UK	Journalist and Author	
Dr Victor G. GORSHKOV Dr Anastassia MAKARIEVA	Russia	Theoretical Physicists and Ecologists	St Petersburg
Dr John GRIM Professor Mary Evelyn TUCKER	USA	Professors of Religion	Yale University
Mr Edward GOLDSMITH	UK	Founder and Editor	The Ecologist
HE Mr Pekka HAAVISTO	Finland	Former Minister of the Environment	UNEP/UNCHS Balkans Taskforce
HE Karl HAMMAR	Sweden	Archbishop	Uppsala
Ms Tatiana HEMA	Albania	Deputy Minister	Environment
Mrs Aleqa HAMMOND	Greenland	Minister	Foreign Affairs and Finances
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Dr Luc HOFFMANN-LAROCHE	Switzerland		Hoffmann - Laroche Pharmaceuticals
	Switzerland	Chairman Member	
Dr Luc HOFFMANN-LAROCHE			Pharmaceuticals Royal Commission on Environmental Pollution : UK Govt.
Dr Luc HOFFMANN-LAROCHE Sir John HOUGHTON	UK Greece /	Member	Pharmaceuticals Royal Commission on Environmental Pollution : UK Govt. Panel on Sustainable Development World in Harmony, Madrid
Dr Luc HOFFMANN-LAROCHE Sir John HOUGHTON HRH Princess IRENE	UK Greece / Spain	Member Director Chemical - Bio	Pharmaceuticals Royal Commission on Environmental Pollution : UK Govt. Panel on Sustainable Development World in Harmony, Madrid Sister of Queen Sophia of Spain Committee for Environmental
Dr Luc HOFFMANN-LAROCHE Sir John HOUGHTON HRH Princess IRENE Mr Zoltan ILLES	UK Greece / Spain Hungary	Member Director Chemical - Bio engineer	Pharmaceuticals Royal Commission on Environmental Pollution : UK Govt. Panel on Sustainable Development World in Harmony, Madrid Sister of Queen Sophia of Spain Committee for Environmental
Dr Luc HOFFMANN-LAROCHE Sir John HOUGHTON HRH Princess IRENE Mr Zoltan ILLES HE Mrs Annel JÄÄTTEENMÄKI	UK Greece / Spain Hungary Finland	Member Director Chemical - Bio engineer Prime Minister	Pharmaceuticals Royal Commission on Environmental Pollution : UK Govt. Panel on Sustainable Development World in Harmony, Madrid Sister of Queen Sophia of Spain Committee for Environmental Protection, Hungarian Parliament
Dr Luc HOFFMANN-LAROCHE Sir John HOUGHTON HRH Princess IRENE Mr Zoltan ILLES HE Mrs Annel JÄÄTTEENMÄKI Metropolitan KALLISTOS of Diokleia	UK Greece / Spain Hungary Finland UK	Member Director Chemical - Bio engineer Prime Minister Vice-President Head of Research	Pharmaceuticals Royal Commission on Environmental Pollution: UK Govt. Panel on Sustainable Development World in Harmony, Madrid Sister of Queen Sophia of Spain Committee for Environmental Protection, Hungarian Parliament Fellowship of St Alban & St Sergius Department of Environmental Engineering and Safety, Moscow
Dr Luc HOFFMANN-LAROCHE Sir John HOUGHTON HRH Princess IRENE Mr Zoltan ILLES HE Mrs Annel JÄÄTTEENMÄKI Metropolitan KALLISTOS of Diokleia Professor Izmail KANTARDGI	UK Greece / Spain Hungary Finland UK Russia	Member Director Chemical - Bio engineer Prime Minister Vice-President Head of Research Division	Pharmaceuticals Royal Commission on Environmental Pollution: UK Govt. Panel on Sustainable Development World in Harmony, Madrid Sister of Queen Sophia of Spain Committee for Environmental Protection, Hungarian Parliament Fellowship of St Alban & St Sergius Department of Environmental Engineering and Safety, Moscow State University of Technology Pontifical Council for the Promotion
Dr Luc HOFFMANN-LAROCHE Sir John HOUGHTON HRH Princess IRENE Mr Zoltan ILLES HE Mrs Annel JÄÄTTEENMÄKI Metropolitan KALLISTOS of Diokleia Professor Izmail KANTARDGI HE Walter Cardinal KASPER	UK Greece / Spain Hungary Finland UK Russia Germany	Member Director Chemical - Bio engineer Prime Minister Vice-President Head of Research Division President	Pharmaceuticals Royal Commission on Environmental Pollution: UK Govt. Panel on Sustainable Development World in Harmony, Madrid Sister of Queen Sophia of Spain Committee for Environmental Protection, Hungarian Parliament Fellowship of St Alban & St Sergius Department of Environmental Engineering and Safety, Moscow State University of Technology Pontifical Council for the Promotion of Christian Unity
Dr Luc HOFFMANN-LAROCHE Sir John HOUGHTON HRH Princess IRENE Mr Zoltan ILLES HE Mrs Annel JÄÄTTEENMÄKI Metropolitan KALLISTOS of Diokleia Professor Izmail KANTARDGI HE Walter Cardinal KASPER Mr Rahmi KOÇ	UK Greece / Spain Hungary Finland UK Russia Germany Turkey	Member Director Chemical - Bio engineer Prime Minister Vice-President Head of Research Division President Chairman	Pharmaceuticals Royal Commission on Environmental Pollution: UK Govt. Panel on Sustainable Development World in Harmony, Madrid Sister of Queen Sophia of Spain Committee for Environmental Protection, Hungarian Parliament Fellowship of St Alban & St Sergius Department of Environmental Engineering and Safety, Moscow State University of Technology Pontifical Council for the Promotion of Christian Unity Koç Holding & TURMEPA

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Mr Georges LEMOPOULOS	Greece	Deputy General Secretary	World Council of Churches
Mr Johannes LINN	UN	Vice President	World Bank
Prof. Jane LUBCHENKO	USA	Professor	Oregon University
Mr. John J.VDAC	Crasss	Former	Union of Greek Ship-owners
Mr John LYRAS	Greece	President	EC Shipowners' Association
Lord Mark MALLOCH BROWN	UK	Under- Secretary	of Foreign Affairs, UK
HE Ms. Evdokia MANEVA	Bulgaria	Minister	Ministry for the Environment
Mrs Kiyoko MATSUBARA	Japan		Victim and survivor of the Hiroshima atomic bomb, 1,5 km away from the hypocentre
Ambassador Don MILLS	Jamaica	Member Former President	Jamaica Council on Ocean and Coastal Zone Management The UN Security Council
Dr Antonio Donato NOBRE	Brazil	Senior Scientist	National Institute for Amazonian Research, INPA
Mr Carl POPE	USA	Executive Director	Sierra Club
HSH RADU, Prince of Hohenzollern- Veringen	Romania	Special Representative	Government of Romania Husband of HRH Princess Margarita of Romania
Mr Edi RAMA	Albania	Mayor	City of Tirana
Professor Minik T. ROSING	Denmark		University of Copenhagen, has identified the earliest traces of life on earth in rocks from West Greenland more than 37 million years old
HE Mr Arnold RŰŰTEL	Estonia	President	Republic of Estonia
Dr Vandana SHIVA	India	Director	Research Foundation for Science, Technology and Natural Resource Policy, Dehra Dun
Mrs Marina SILVA	Brazil	Minister	Ministry of Environment, Brazil
HM King Simeon Saxe-Coburg Gotha	Bulgaria	Prime Minister	
Dr L.M. SINGHVI	India	Indian High Commissioner	Court of St James, UK
Mr Rene-Samuel SIRAT	France	Chief Rabbi	Jewish Central Consistory of France
Dr Alfred Rupert SHELDRAKE	UK	Biologist and Author	Fellow, Institute of Noetic Sciences
Dr Wolfgang STALZER	Austria	President	International Commission for the Protection of the Danube River
Ambassador Ivan STANCIOFF	Bulgaria	Former Foreign Minister	Republic of Bulgaria Policy Adviser
Professor Dr David SUZUKI	Canada	Professor of Zoology	University of British Columbia Media Personality
Mr John TAVENER	UK	Composer	
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Professor Robert THURMAN	$\Pi \subseteq \Delta$	Protector	Tibet House New York Indo-Tibetan Buddhist Studies, Columbia University
Mr Romica TOMESCU	Romania		Ministry of Waters, Forestry and Environmental Protection
Mr Jakob von UEXKULL	Sweden	Founder	Right Livelihood Award
Most Revd Giuseppe VERUCCHI	Italy	Archbishop	of Ravenna
Mrs Margot WALLSTRŐM	Sweden	Vice-President	European Commission
Mr Timothy WIRTH	USA	State for Global	Current President of United Nations Foundation (R.E. Turner)