

Future Environmental Trends Conference

Conférence de Prospective Environnementale

**Education,
Environment
and Health**

***Education,
Environnement
et Santé***

**June 17-18, 2004
17-18 juin 2004**

**Institut Pasteur
Paris**

Jointly organized by / *Organisée conjointement par :*

INSTITUT

Veolia Environnement



INSTITUT PASTEUR



Education, Environment and Health

Education, Environnement et Santé

Education, health and environmental services are basic needs that are recognized as being fundamental rights. However, there are still very wide gaps in meeting those needs, making them an obstacle to sustainable development.

Drawing on the analysis and testimonials of renowned international experts, the first conference on future environmental trends intends to be the starting point for a new debate aimed at identifying the fields of action and collaboration, stimulating the desire to take action and measuring progress made through time.

The two-day conference will be an opportunity to take part in this discussion for representatives of international organizations working in research, education, health and the environment, as well as public authorities, members of NGOs and environmental services specialists. We believe that education, the environment and health are central to the major issues for tomorrow's society. The overlapping elements between these three areas open up possibilities for innovative proposals that will shed new light on the sustainable development debate.

L'éducation, la santé et les services environnementaux constituent des besoins essentiels et sont reconnus comme des droits fondamentaux. Leur satisfaction souffre encore de très grandes disparités et constitue à ce titre un frein au développement durable.

Cette première conférence de prospective environnementale - en s'appuyant sur l'analyse et le témoignage d'experts internationaux de renom - se veut le point de départ d'une démarche qui a pour objectifs d'identifier les champs d'action et de collaboration, donner l'envie d'agir et mesurer dans le temps les progrès accomplis.

Pendant ces deux jours, nous proposerons aux représentants des institutions et organismes de recherche, d'éducation, de santé et d'environnement, aux pouvoirs publics, aux membres des ONG ainsi qu'aux spécialistes en services environnementaux, de prendre part à cette discussion globale. Nous sommes convaincus que l'éducation, l'environnement et la santé sont au cœur des grands enjeux des sociétés de demain. Les échanges entre ces trois domaines d'intervention ouvrent la voie à des propositions originales qui apporteront un éclairage nouveau aux réflexions sur le développement durable.

THURSDAY JUNE 17, 2004

JEUDI 17 JUIN 2004

8h00 Registration of the participants / *Inscription des participants*

9h00 Introduction

Philippe KOURILSKY, Director-General, Institut Pasteur, Paris, France

Paul-Louis GIRARDOT, President, Institut Veolia Environnement, Paris, France

9h30 Opening session / Conférence d'ouverture

Walter ERDELEN, Assistant Director-General for Natural Sciences, UNESCO, Paris, France

10h00

Session 1

**ACCESS TO DRINKING WATER, SANITATION AND WASTE TREATMENT :
WHAT ARE THE RELATED HEALTH ISSUES ?**

**ACCES A L'EAU POTABLE, A L'ASSAINISSEMENT ET AU TRAITEMENT DES DECHETS :
QUELS ENJEUX DE SANTE ?**

Session chair / *Président de session* : **William DAB**, Director-General, Direction Générale de la Santé, Ministère de la Santé, de la Famille et des Personnes Handicapées, Paris, France

Moderator / *Modérateur* : **Harvey V. FINEBERG**, President, Institute of Medicine of The National Academies, Washington DC, USA

Rekha KRISHNAN, Research Associate, The Energy and Resources Institute (TERI), Bangalore, India
Case Study : > **Water-related stress in Indian villages : causes and consequences**

Ian Paul REITER, Head, Unité de Recherche Insectes et Maladies Infectieuses, Institut Pasteur, Paris, France
> **Public concepts of science, environment and health**

10h50 Coffee break / *Pause café*

11h15 Panel

Panel participants / *Participants au panel* : **William DAB, Harvey V. FINEBERG, Rekha KRISHNAN, Ian Paul REITER, William C. CLARK**

INTRODUCTION TO PANEL DEBATE / INTRODUCTION AU PANEL

Harvey V. FINEBERG, President, Institute of Medicine of The National Academies, Washington DC, USA

> **Environmental services, the natural environment, and public health**

William C. CLARK, Harvey Brooks Professor of International Science, Public Policy and Human Development, John F. Kennedy School of Government, Harvard University, Cambridge, USA

> **Knowledge systems for sustainable development**

PANEL DEBATE / PANEL

12h30 Questions

13h00 - 14h30 Lunch / *Déjeuner*

14h30

Session 2

EDUCATION PROGRAMS : A KEY ROLE

PROGRAMMES D'EDUCATION : UN ROLE DETERMINANT

Session chair / *Président de session* : **Hélène AHRWEILER**, President, Université de l'Europe, Paris, France

Moderator / *Modérateur* : **Georges CHARPAK**, Nobel Laureate in Physics, Member of the French Académie des Sciences, European Organization for Nuclear Research (CERN), Geneva, Switzerland

Darren SAYWELL, Programme Manager, Water Supply and Sanitation Collaborative Council (WSSCC), Geneva, Switzerland

Case Study : > **Advocating for change : objectives and methods in WASH (Water Sanitation and Hygiene for All) awareness building campaigns**

Georges CHARPAK, Nobel Laureate in Physics, Member of the French Académie des Sciences, European Organization for Nuclear Research (CERN), Geneva, Switzerland

Case Study : > **The reform of science education in elementary schools and its international dimension**

15h20 Panel

Panel participants / *Participants au panel* : **Hélène AHRWEILER, Georges CHARPAK, Jack T. JONES, Jacqueline McGLADE, Vanessa TOBIN**

INTRODUCTION TO PANEL DEBATE / INTRODUCTION AU PANEL

Jack T. JONES, School Health Specialist, World Health Organization (WHO), Geneva, Switzerland
> **A healthy school environment : an essential component of an effective school health program**

Jacqueline McGLADE, Executive Director, European Environment Agency, Copenhagen, Denmark
> **Health and environment education : "tiny changes - big differences"**

Vanessa TOBIN, Chief, Water, Environment and Sanitation Section, UNICEF, New York, USA
> **Water, sanitation and hygiene at primary schools : a new initiative for UNICEF**

PANEL DEBATE / PANEL

16h50 Questions

18h00 Cocktail

FRIDAY JUNE 18, 2004

VENDREDI 18 JUIN 2004

9h30

Session 3

ASSESSING THE EFFECTIVENESS OF ACTIONS TAKEN

EVALUATION DE L'EFFICACITE DES ACTIONS

Session chair / *Président de session* : **Bernard KOUCHNER**, Former Minister of Health, Professor, Conservatoire National des Arts et Métiers (CNAM), Paris, France

Moderator / *Modérateur* : **Amartya SEN**, Nobel Laureate in Economics, Lamont University Professor, Harvard University, Cambridge, USA

Loïc MONJOUR, President, Eau, Agriculture et Santé en milieu Tropical (EAST), Paris, France
Case Study : > **Provision of drinking water and sanitation: impact on the health of children in tropical environments**

Amartya SEN, Nobel Laureate in Economics, Lamont University Professor, Harvard University, Cambridge, USA

> **Assessing actions and achievements**

10h20 Questions

10h40 Coffee break / *Pause café*

11h00 Panel

Panel participants / *Participants au panel* : **Bernard KOUCHNER, Amartya SEN, Loïc MONJOUR, Velvi W. GREENE, Tore GODAL, Benoît SILVE**

INTRODUCTION TO PANEL DEBATE / INTRODUCTION AU PANEL

Velvi W. GREENE, Professor Emeritus of Epidemiology and Public Health, Ben Gurion University Medical School, Beer-Sheva, Israël

> **Hygiene and health linkages : evidence from the 19th century health revolution**

Tore GODAL, Executive Secretary, Global Alliance for Vaccines and Immunization (GAVI), Geneva, Switzerland

> **Methodology : assessing the effectiveness of public health programs**

Benoît SILVE, Director-General, Bioforce, Venissieux, France

> **An education policy for humanitarian workers, accommodating the environment and outlook - an example derived from a public health experience**

PANEL DEBATE / PANEL

12h30 Questions

13h00 - 14h30 Lunch / *Déjeuner*

14h30

Session 4

ACTING TOGETHER

AGIR ENSEMBLE

Session chair / *Président de session* : **Pierre-Marc JOHNSON**, Former Premier of Quebec, Special advisor on environmental issues for worldwide organizations, Montreal, Canada

Ken CAPLAN, Director, Building Partnerships for Development in Water and Sanitation (BPD), London, United Kingdom

> **Innovation and accountability : balancing the purpose with the structure of partnerships**

15h00 Round table and debate / Table ronde et débat

What are the issues for the future? The opinions of the various speakers

Moderator / *Modérateur* : **Pierre-Marc JOHNSON**, Former Premier of Quebec, Special advisor on environmental issues for worldwide organizations, Montreal, Canada

A scientist's opinion :

Philippe KOURILSKY, Director-General, Institut Pasteur

A corporate leader's opinion :

Henri PROGLIO, Chairman and CEO, Veolia Environnement

An economist's opinion :

Amartya SEN, Nobel Laureate in Economics, Harvard University

An education specialist's opinion :

Hélène AHRWEILER, President, Université de l'Europe

An institution leader's opinion :

Bruce ESHAYA-CHAUVIN, Head of Health and Care Department, International Federation of Red Cross and Red Crescent Societies

16h15 Questions

16h30 Closing session / Conférence de clôture

Margot WALLSTRÖM, Commissioner for the Environment, European Commission, Brussels, Belgium (to be confirmed)

Foresight Committee / *Comité de prospective* :

**H. AHRWEILER, H. V. FINEBERG,
P.M. JOHNSON, P. KOURILSKY, A. SEN**

Scientific Committee / *Comité scientifique* :

**B. de BUZONNIERE, J. M. CAVAILLON,
P. GRIMONT, S. L. KRUY, G. VALENTIS**

Jointly organized by / *Organisée conjointement par* :

INSTITUT PASTEUR & INSTITUT VEOLIA ENVIRONNEMENT

Registration and further information on the web site :
Inscription et informations complémentaires sur le site web :

www.ip-ive.com

Fax : 33 (0) 1 40 61 30 25

e-mail : ip-ive@pasteur.fr