

The background of the slide features a vintage-style map with a compass rose in the upper left corner. The map is rendered in a light, sepia tone, and the compass rose shows cardinal and intercardinal directions. The overall aesthetic is that of an old, weathered document.

# *Recommendations for Integrating Environment and Human Health into Science, Education, Policy, and Practice*

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National Council for Science and the Environment



# The National Council for Science and the Environment (NCSE)

- Improves the scientific basis of environmental decisionmaking through collaborative programs with diverse communities, institutions and individuals.
- Supported by over 500 academic, scientific, environmental, and business organizations, and by federal, state and local government.
- An organization where diverse communities can find common ground.

# The Council has programs in five strategic areas:

## 1. Science Solutions for Environmental Challenges

- National Commission on Science for Sustainable Forestry
- Wildlife Habitat Policy Research Program
- Outlook Forest Research Dialogue Education and Career Development

## 2. Education and Career Development

- University Affiliate Program
- Council of Environmental Deans and Directors
- EnvironMentors Program
- Campus to Careers

## 3. National Conference on Science, Policy and the Environment

## 4. Public Education – the Earth Portal ([www.earthportal.org](http://www.earthportal.org))

## 5. Science Policy

For details please visit [www.NCSEonline.org](http://www.NCSEonline.org)



# *Integrating Environment and Human Health:* Key Speakers and Presentations

- **Howard Frumkin**, Director, National Center for Environmental Health, CDC—Opening Plenary Address: *Environment and Health: An Intimate Connection*
- **Larry Brilliant**, Executive Director, Google.org—7<sup>th</sup> John H. Chafee Memorial Lecture on Science and the Environment: *Climate, Poverty and Health: Time for Preventative Medicine*
- **Mirta Roses Periago**, Director, Pan American Health Organization; Regional Director, Regional Offices for the Americas, World Health, Organization—Plenary Address: *Preventing Disease through Healthy Environments: Toward and Estimate of the Environmental Burden of Disease*
- **Plenary Discussions including remarks by:**
  - **Joseph Graziano**, Columbia University School of Public Health
  - **Richard Jackson**, University of California—Berkeley, School of Public Health
  - **Georges Benjamin**, Executive Director, American Public Health Association
- **Lifetime Achievement Awards presented to:**
  - **Theo Colborn**, President, The Endocrine Disruption Exchange
  - **Herbert Needleman**, Professor of Child Psychiatry and Pediatrics, University of Pittsburgh School of Medicine

# Breakout Session Categories

- **Decisionmaking in the Real World**
- **Guiding and Fostering Multi-disciplinary Research**
- **Expanding Understanding: Information, Education and Communication**



# Selected Breakout Sessions

- Integrating Environment, Culture and Well-Being
- Emerging Infectious Disease and other Health Implications of Global Changes and Ecological Trends
- Community-Based Health: Incorporating Social Sciences and Humanities
- Children's Minds: Environment, Development, and Mental Function
- Ecology and Epidemiology
- Ecological and Human Health Risk Assessment
- Health Professional's Education and the Environment
- Measuring the Outcomes of Policies and Programs

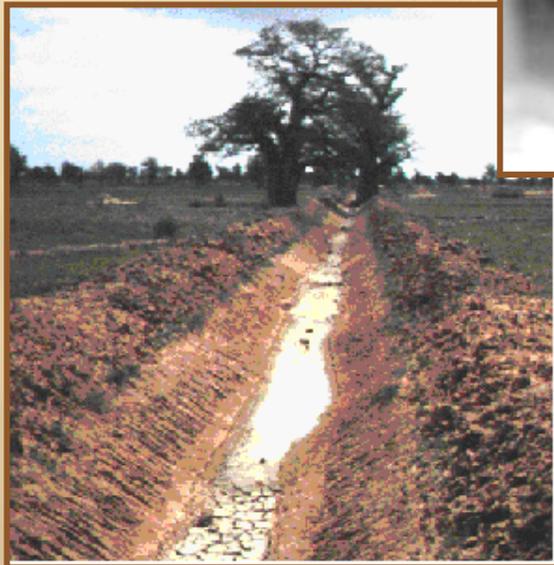
# Key Themes

- Interdisciplinary approaches are essential.
- Integration of environmental and health perspectives is difficult but necessary.
- The new emerging eco-health field is particularly promising.
- Systems thinking provides a useful means of understanding the issues.
- Communication must be improved between environmental and health communities, between scientists and decisionmakers, and between scientists and the public.
- All stakeholders need to be involved early on and throughout the process of setting science priorities and moving science to policy and management.
- Particular attention must be provided to engage often-neglected stakeholders, including women, children, people from diverse cultures, and other especially vulnerable populations.
- A new interdisciplinary approach must begin very early in the educational process and continue throughout.

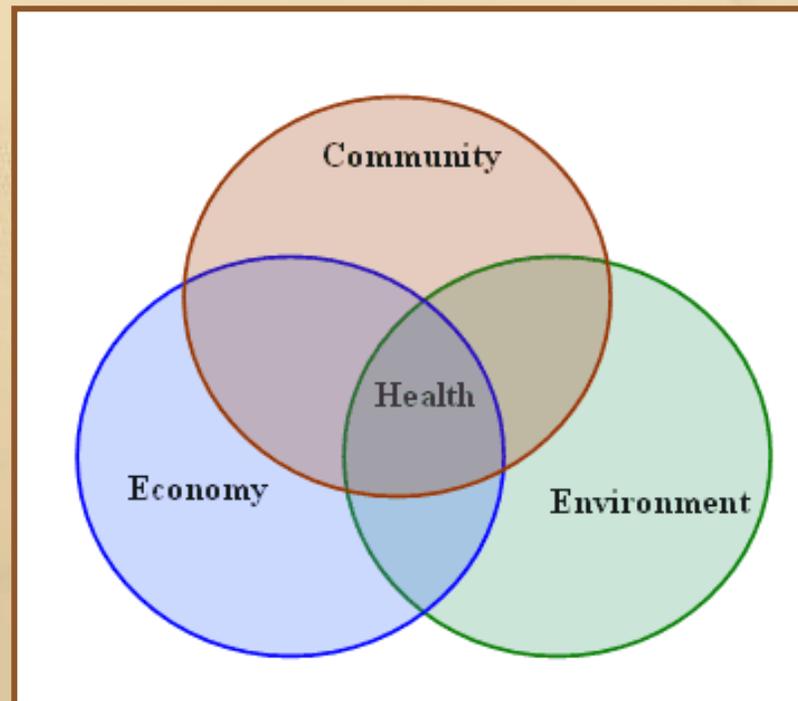
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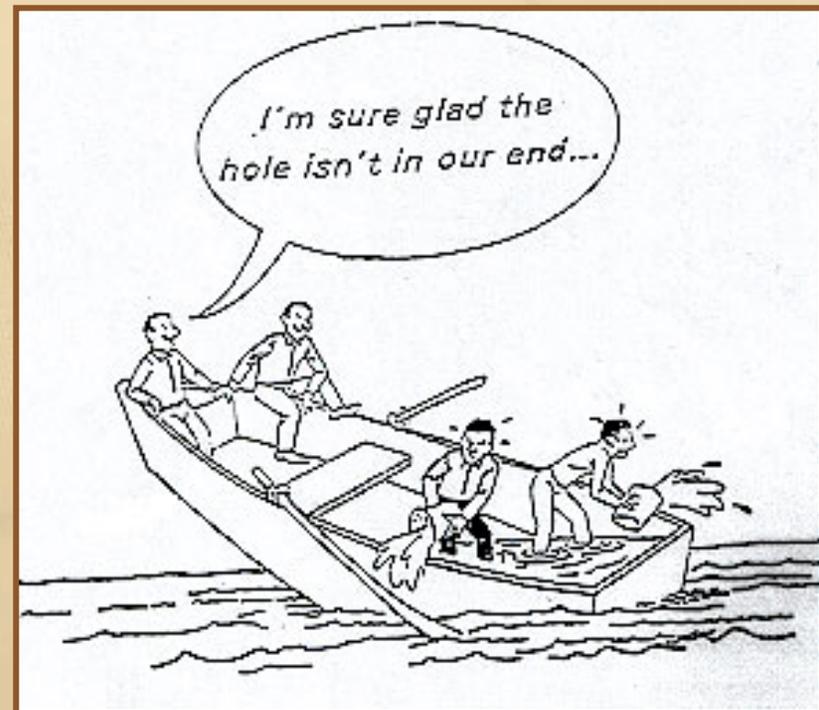
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Video and Transcript of *Integrating  
Environment and Human Health* available  
[www.NCSEonline.org/2007conference](http://www.NCSEonline.org/2007conference)



[www.NCSEonline.org](http://www.NCSEonline.org)



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[www.NCSEonline.org/2008conference](http://www.NCSEonline.org/2008conference).