

## REFERENCES:

1. Smith KR, Corvalán C, Kjellstrom T. How much global ill health is attributable to environmental factors? *Epidemiology*, 1999, 10 (5): 573-84.
2. Fletcher E. Personal communications: unpublished data for review of environment and health decision-making in a developing country context, WHO/UNEP HELI initiative, 2003-2004.
3. *The World Health Report 2002: reducing risks, promoting healthy life*. Geneva, World Health Organization, 2002.
4. Jha R, Whalley J. The environmental regime in developing countries. In: *Distributional and behavioural effects of environmental policy*. NBER/FEMI Conference, Milan, May 1999.
5. DFID/EC/UNDP/The World Bank. *Linking poverty reduction and environmental management: policy challenges and opportunities*. Washington DC, The World Bank, 2002.
6. *The World Health Report 2003 - shaping the future*. Geneva, World Health Organization, 2003.
7. Peden M et al., eds. *World report on road traffic injury prevention*. Geneva, World Health Organization, 2004.
8. Nantulya VM, Reich MR. The neglected epidemic: road traffic injuries in developing countries. *British Medical Journal*, 2002, 324 (7346): 1139-41.
9. Fewtrell L et al. Lead: assessing the environmental burden of disease. *Environmental Burden of Disease Series No. 2*. Geneva, World Health Organization, 2003: 54-55.
10. McMichael AJ et al., eds. *Climate change and human health*. Geneva, World Health Organization, 2003.
11. Goldman L, Tran N. *Toxics and poverty: the impact of toxic substances on the poor in developing countries*. Washington DC, The World Bank, 2002.
12. FAO/UNEP/WHO. *Pesticide poisoning: information for advocacy and action*. Geneva, UNEP, 2004.
13. Montgomery M et al., eds. *Cities transformed: demographic change and its implications in the developing world*. London, Earthscan, 2004.
14. *Health effects of outdoor air pollution in developing countries of Asia: a literature review*. Boston, Health Effects Institute, 2004.
15. Neglected global epidemics: three growing threats. In: *The World Health Report 2003 - shaping the future*. Geneva, The World Health Organization, 2003: 85-102.
16. *Physical activity, environmental issues*. World Health Organization, (<http://www.who.int/hpr/physactiv/environment.shtml>, accessed 4 October 2004).
17. Dora C, Phillips M., eds. *Transport, environment and health*. WHO Regional Publications, European Series, No. 89. Copenhagen, World Health Organization, 2000.
18. *OECD environmental outlook for the chemicals industry*. Paris, OECD Environment Directorate, 2001: 89-90.
19. *Human development report - consumption for human development*. New York and Oxford, UNDP, 1998.
20. Yáñez L et al. Overview of human health and chemical mixtures: problems facing developing countries. *Environmental Health Perspectives*, 2002, 110 (6): 901-909.
21. Corvalán C, Briggs D, Zielhuis G., eds. *Decision-making in environmental health: from evidence to action*. Geneva, World Health Organization, 2000.
22. Abaza H, Jha V. *Integrated assessment of trade and trade-related policies: UNEP country projects - round II, a synthesis report*. New York and Geneva, United Nations, 2002.
23. *WHO-CHOICE - choosing interventions that are cost effective*. World Health Organization, ([www.who.int/evidence](http://www.who.int/evidence), accessed 18 October 2004).
24. Prüss-Üstün A et al. *Environmental burden of disease series*. Geneva, World Health Organization, 2003-2005. ([http://www.who.int/quantifying\\_ehimpacts/en/](http://www.who.int/quantifying_ehimpacts/en/), accessed 18 October 2004).
25. Economic methodologies for health-environment linkages, unpublished data, WHO/UNEP HELI initiative, 2004.

<sup>1</sup>Notes: Mortality rates from malaria, diarrhoea and unintentional poisonings are derived from estimates of annual deaths by cause, age and WHO subregion in 2002, cited in the World Health Report 2003 (6). Mortality from indoor air pollution is derived from attributable mortality by risk factor and age group, for the year 2000, cited in the World Health Report 2002 (3). Mortality from road traffic accidents is derived from the World report on road traffic injury prevention (7). Proportion of deaths among pedestrians in poor countries is from Nantulya VM, Reich MR. "The neglected epidemic: road traffic injuries in developing countries" (8). Reference to "developing countries" refers to region and mortality stratum as defined in the World Health Report 2003.

## ACKNOWLEDGMENTS

### Advisers and Reviewers

Pierre Quiblier  
Diarmid Campbell-Lendrum  
Annette Prüss-Üstün  
Carlos Corvalán  
Carlos Dora  
Robert Bos  
Hiremagalur Gopalan  
Maaïke Jansen  
Hussein Abaza  
Otto Simonett  
Kevin Lyonette  
Jeremy Richardson  
Anantha Kumar Duraiappah  
Dafina Dalbokova  
Jayne Parry  
Fadi Doumani  
Fulai Sheng  
Decharut Sukkumnoed  
Muchie Kidanu  
Catherine Mulholland  
A. Sattar Yoosuf  
Geoff Barrett  
Virginia Harel  
Bill Sonntag  
Jan Huismans

### Pilot Project Country Focal Points

Hamed Bakir - Jordan  
Twisuk Punneng - Thailand  
Balaam Mubbala - Uganda

**Editor & writer:** Elaine Fletcher

**Design and layout:** Rob Barnes

**Text editor:** Jo Woodhead

**Administrative support:** Eileen Tawffik

**Cover image:** Photothèque R. Magritte, ADAGP, Paris 2005/BONO

**Photos & graphics:** UNEP, WHO, GRID-Arendal, Camerapix Ltd., FAO, TopFoto.co.uk, Peter Furu/ Danish Bilharziasis Laboratory, Nigel Bruce/ITDG.

### Background photos:

(pages 4-5): Nigel Bruce/ITDG (indoor air pollution/mother and child); UNEP/Topham (child carrying wood); Topham Picturepoint (breathing air pollution); UNEP/Wenren Yang (spraying pesticides); UNEP / James KB Shar (waste dump pollutes water).

(pages 22-23): UNEP / Nuntawan Silp (drinking water); © John Maier, Jr. /The Image Works (Curitiba Brazil: bus); Yuri Abramochkin/UNEP (summer in the fields); TopFoto.co.uk (Guangzhou street scene); FAO/10723/P.Gigli (terraces in India)

**The WHO/UNEP HELI initiative is funded by Health Canada and Environment Canada.**

### For Further Information:

The WHO/UNEP Health and Environment Linkages Initiative  
Secretariat  
World Health Organization  
20 Avenue Appia  
1211 Geneva 27  
Switzerland  
Email: [heli@who.int](mailto:heli@who.int)  
<http://www.who.int/phe>

### Layout and Publication by GRID-Arendal

UNEP/GRID-Arendal, Longum Park  
Service Box 706, N-4808 Arendal  
Norway  
Telephone: +47 3703 5650  
Fax: +47 3703 5050  
Email: [grid@grida.no](mailto:grid@grida.no)



This report used to store milk and juice.

This report was printed on recycled milk and juice cartons. The entire paper production process incorporates sustainability objectives. Few chemicals are used, water is reused and the use of electricity is kept to a minimum.

**[www.who.int](http://www.who.int)**

World Health Organization  
20 Avenue Appia, 1211 Geneva 27, Switzerland  
Tel: (41 22) 7912111  
Fax: (41 22) 7913111  
Email: [info@who.int](mailto:info@who.int)  
Web: [www.who.int](http://www.who.int)



World Health  
Organization

**[www.unep.org](http://www.unep.org)**

United Nations Environment Programme  
P.O.Box 30552 Nairobi, Kenya  
Tel: (254 2) 621234  
Fax: (254 2) 623927  
E-mail: [cpinfo@unep.org](mailto:cpinfo@unep.org)  
web: [www.unep.org](http://www.unep.org)



UNEP