

**CENTRE OF SOCIAL MEDICINE AND COMMUNITY HEALTH
SCHOOL OF SOCIAL SCIENCES**

Course No.	: SM 629
Course Title	: Environment and Health
Credits	: 2
Instruction Method	: Lectures on the main themes In- class discussions and seminars based on core readings
Method of Evaluation	: Term papers and end-semester viva-voce covering reading list and term papers

Course Outline:

Module 1. a) Environment: conceptualization, ecological history and ecological consciousness,
b) World-views on environment
c) International dimension of environment. Political economy of environment, ecology movements.

Module 2. The State of Environment: A critical appraisal of environmental problems in India.

Module 3. Population-Environment inter-linkages; Myth of people polluting.

Module 4. Ecology and Health: Conventional view-points, epidemiological issues in water supply, sanitation and housing.

Reading List

Module I. Environment: Conceptualizations, World-views and international dimensions

a) Conceptualizations.

Core Readings

1. Gerald L. Young. Environment. Terms and Concepts in the Social Science. Social Science Information, 25 (1), 1986
2. P. Walton Purdom (ed.). Environmental Health.
3. D. Raghunandan. Ecology and Consciousness. EPW, Vol. 22 (33), 1987, pp. 545-48.

Optional Readings

4. Shiv Viswanathan. On Ancestors and Epigones. Seminar, 330, 1987, pp. 1424-
5. Madhav Gadgil, Towards an Ecological History of India, Vol. 20, Special No., 1985, pp. 1909-1913.

b) World-views on environment

Core Readings

6. K.R. Nayar. Environment and International World - views: Two Steps Backward. EPW, Vol. 25 (9), 1990, pp. 457-62.
7. R. Guha Ideological Trends in Indian Environmentalism. EPW, Vol. 23 (43), Vol. 1988, pp. 2578-2581.
8. Ashish Kothari. Draft National Environmental Policy 2004. A critique. Economic and Political Weekly, October 23, 2004. Also by C.P Geevan on the same issue of EPW
9. Charlene Spretnak and F. Capra Green Politics. Paladin, 1990. Ch. 2.

c) International Dimension of Environment:

Core Readings

10. K.R. Nayar, Changing international Gaze on Environment and Health Issues, Social Action, Jan-March, 1991, pp. 54-63.
11. J. Bandyopadhyay, Year of the Paper Tiger, Seminar Annual, Vol. 401, January , 1993.

Optional Readings

12. UN, Resolutions No. 42/186 and 42/187
13. W.H.O. Health and Environment in Sustainable Development: Five Years after Earth Summit. 1997, Geneva.
14. Kirk R Smith Environmental Health- for the rich or for all? Bull. WHO 2000; 78(9): 1156-61

Module II The State of Environment: A critical appraisal of environmental problems.

Core Readings

1. Centre for Science and Environment. The State of Environment. The second Citizens Report, 1986.
2. Vandana Shiva. Ecology and the politics of Survival: Conflicts over natural resources in India. Sage, 1991.
3. Dinabandhu Bag, Pesticide and health risks. Economic and Political Weekly September 16, 2000, pp.3381-83

Optional Readings

4. WHO, Our planet, our health: Report of the commission on health and environment, Oxford, 1992, ch. 3, 4,5,6,7.

5. Dinesh Mohan, Food Vs. Limbs: Pesticides and Physical Disability in India, EPW, Vol., 22, No.13, 1987.
6. Imrana Qadeer, Work, Wealth and Health: Sociology of Workers Health in India. Social Scientist, 1989, pp. 45-92.
7. Lyla Mehta. Contexts and constructions of water scarcity. Economic and Political Weekly, Vol.38 (No.48) November 29, 2003. pp. 5066-72.
8. Ministry of Environment and Forests: National Conservation Strategy and Policy Statement on Environment and Development, 1992.
9. Government of India, Ministry of Environment and Forests. Draft Environmental Policy, 2004. <http://envfor.nic.in/nep.htm>
10. K.R. Nayar in *Social Scientist*. Ashish Kothari in ...*Alternative Economic Survey* 1995. Wiley Eastern.
11. Anthony J Mc Michael. The urban environment and Health in a world of increasing globalization: Issues for developing countries. Bull. WHO 2000; 78(9): 1117-26

Module III. Population - Environment Inter-linkages

In-class discussion based on core readings

Core Readings

1. Paul P. Ehrlich et al. Food Security, Population and Environment. Population and Development Review, Vol. 19 (1), 1993, pp. 1-32.
2. CSE Report op. cit, pp. 156-161.
3. Barry Commoner. Rapid Population Growth and Environmental Stress. IJHS ., Vol. 21 (2), 1991, pp. 199-227

Module IV Ecology and Health

Core Readings

1. P. Walton Purdom (ed.): Environmental Health.
2. D. Banerji, The Making of Health Services in India. Part II, pp. 532-62, 610-33.
3. K.R. Nayar, Housing in Rural Areas: A Social Science Perspective. State and Society, Vol.7, 1987, pp.30-40.
4. Mary Shaw. Housing and Public Health. Annual Review of Public Health 2004, 25: 397-418.
5. Phil Brown. Popular Epidemiology Revisited. Current Sociology, Vol. 45 (3), pp. 137-156, 1997.

Suggested Reading

Planning Commission, India Assessment 2002, Water Supply and Sanitation, A WHO-UNICEF Study. New Delhi: Planning Commission

Some Additional Suggested Readings.

J. Bandyopadhyay and Vandana Shiva. Political Economy of Ecology Movements, EPW, Vol. 23 (24), 1988, pp. 1229-1232.

Government of India, National Water policy, April, 2002; Government of India. National Forest Policy, 1988 <http://envfor.nic.in/> (Click on the link “policy statements”)

Vandana Shiva and J. Bandyopadhyay, Environmental Conflicts and Public Interest Science. EPW, Vol. 21(2), 1986, pp. 4-90.

Madhav Gadgil and R. Guha. This Fissured Land, An Ecological History of India, Part - I, OUP, 1992.

Janki Andharia and Chandan Sengupta The environmental Movement: Global Issues and the Indian Reality. Indian Journal of Social Work, Vol.59 (1), 1998, Jan. pp.422-49

Ramachandra Guha and Madhav Gadgil. State Forestry and Social Conflict in British India. *Past And Present.* , Number 123. (Available on **JStor**)

Seminar Vol. 406, Our Natural Resources, June, 1993.

Michael Redclift, Development and Environmental Crisis, Red or green Alternatives, 1984.

Michael Redclift, Sustainable Development, Exploring the contradictions, 1987.

Kumud Sharma, Gender, Environment and Structural Adjustment. EPW, April 30, 1994, pp. WS-5 -WS-11.

Rahul, Looking back in wonder: In search of our Ecological Roots, EPW, July 30, 1994, pp. 2006-2009.

K.R. Nayar, Politics of Sustainable development, EPW, Vol. 29(22), May 28, 1994, pp. 1327-1329.

Tom Athanasiou. Slow Reckoning: The Age of Greenwashing .Chapter 5, 1996.

World Resources Institute. World Resources 1994-95.

Oliver Morgan. Infectious disease risks from dead bodies following natural disasters

Pan Am J Public Health 15(5), 2004

Meri Koivusalo. W.T.O. Implications to Health and Environment.

Group Work will be posted on the following website

<http://iph-partnership.org/>

