

Ambedkar University Delhi

Course Outline

Winter Semester (January - June 2018)

School/Centre:	Centre for Development Practice (SDS-SHS)
Programme with title:	MPhil Development Practice
Course Code:	SHS3DP205
Course Title:	Environment, Natural Resources, and Development
Type of Course:	Compulsory
Credits:	2 Credits
Semester:	(II)
Course Coordinator/Team:	Dr Imran Amin
Course coordinator email:	imran@aud.ac.in
Pre-requisites:	Completed first field immersion

Aim: This course explores the knowledge power continuum involved in human attempts to govern Nature. These human endeavors had humble origins with nature governing human pattern of existence and being worshipped for it. However with the rise of modern age, nature was de-sacriligised into land and container of resources, human skills were directed towards adding utility and thereby value to it. The course acquaints the students with a comprehensive understanding of humans' historical struggle to co-exist with the natural environment and the linkages it has with their livelihoods and material well being. In this pursuit, it touches upon the multi-disciplinary insights on subject matters of population, poverty, resource scarcity, economic growth and its limits and sustainability, natural and environmental risks and hazards, local governance, equity and social justice with special reference to hilly and forested areas of central India and the tribal world therein.

Brief description of modules/ Main modules:

Module 1: Political Ecology of Environmentality and 'sustainable' Development: The first module elaborates on the knowledge-power continuum that establishes inter-linkages between environment, it's natural resources and the process of development. It explores the question of

and issues around the key of these in the process of modernization and post colonial societies. It then look at the effect on these that the process of globalization and liberalization.

Module 2: Governing Nature through Property Regimes: The second module looks at the historical evolution of attempts to govern nature-human relationship, its economic concerns, political contestation and the socio-cultural context. It explores a genealogical understanding of patterns of human interaction with their environment, institutional mechanism and regimes that have facilitated and regulated these patterns. The main focus here is to look at the role of state, market, and communities at local national and, off late, global level of human collectives in this endeavor.

Module 3: Nature as Land: Module three argues that human existence is embedded on Land, that offer the conditions for their (re)production through practices of housing, agriculture, forestry, economic uses of land for mining and infrastructure. Taking up debates across these human practices, the module looks at the rise and universalization of the modern version of these practices, the crisis it has led to, as well as knowledge about their causes and redressal mechanisms and policy measure to do so.

Module 4: Water as essence of life: Water is one of the essential preconditions for human life on any planet. The river civilizations of the past and special status of water sources in various religions bear testimony to this fact. However, with increasing pressure for drinking water, irrigation/dams, sanitation and fisheries, water has become an increasingly contested resource. Therefore the final module looks at water based resources in the context of rural and tribal landscape and the debate over its material culture and governance.

Tentative Assessment schedule with details of weightage:

S.No	Assessment	Date/period in which Assessment will take place	Weightage
1	Village stay and study report presentation	Mid March	25%
2	Field Immersion and the natural world Draft 1	End March	35%
3	Field Immersion and the natural world Draft 2	First week May	40%

References:

Module1: Political Ecology of Environmentality and ‘sustainable’ Development

Wolfgang Sachs, 2009, Environment, in Wolfgang Sachs (ed.) The Development Dictionary a guide to knowledge as power, London: Zed Books, pp. 24-38

Vandana Shiva, 2009, Resource, Wolfgang Sachs (ed.) The Development Dictionary a guide to knowledge as power, London: Zed Books, pp 228-242

Arun Agarwal, 2005, 'Chapter 6: Making Environmental Subjects: intimate Government' and 'Chapter 7: Conclusion: The analytics of environmentaliry' in Environmentality: technologies of Government and the Making of Subjects, OUP, Delhi.

Richard Peet and Michael Watts, 2004, 'Introduction', in Liberation Ecologies: Environment, development, social movements, London and New York: Routledge, pp. 1-45.

Ashish Kothari, 2013, 'Development and Ecological Sustainability in India: possibilities for the post-2015 framework', EPW, 48 (30).

Timothy Forsyth 2003 Critical Political Ecology: The Politics of Environmental Science

Arun Agarwal and K Sivaramakrishnan, 2001, 'Introduction: Agrarian Environments' (excerpts from), in Arun Agarwal and K Sivaramakrishnan, eds., Social Nature: resources, representations and rule in India, OUP, New Delhi, pp. 1-16.

Madhav Gadgil and Ramachandra Guha, 1992, 'Prologue' and 'Chapter 1: Habitats in Human History', in This Fissured Land: an Ecological History of India, OUP, pp. 1-66.

Module 2: Governing Nature through property regimes

Danial Bromley, 1992, The Commons, Common Property, and Environmental Policy

Robert Wade 1987 The Management of Common Property Resources

Greg Hampton 1999 Environmental equity and public participation

Thomas Dietz Elinor Ostrom Paul C. Stern 2003 The struggle to govern the commons

Kanchan Chopra, Gopal K Kadekodi and M N Murty, 1989, 'Peoples' Participation and Common Property Resources', EPW, December 23-30.

N S Jodha, 1990, Rural Common Property Resources: Contributions and Crisis', EPW, June 30.

Asheem Srivastava and Ashish Kothari, 2012, 'Adding Fuel to Fire: Undermining India's Environmental Governance, in Churning the Earth: the making of global India, Viking.

Module 3: Nature as Land

A Haroon Akram-Lodhi, Saturnino M Borrás Jr., and Cristobal Kay, eds., Land, Poverty and Livelihoods in an Era of Globalization: perspectives from developing and transition countries,

David Ludden, 2001, 'Agrarian Histories and Grassroots Development in South Asia', in Arun Agarwal and K Sivaramakrishnan, eds., *Social Nature: resources, representations and rule in India*, OUP, New Delhi, pp. 251-264.

C. H. Hanumantha Rao, 1988, 'Agricultural Development and Ecological Degradation: An Analytical Framework', *EPW*, 23 (52/53).

Joan Martinez-Alier, 2002, 'The Environmentalism of the Poor', Paper prepared for the conference on 'The Political Economy of Sustainable Development: Environmental Conflict, Participation and Movements', University of Witwatersrand, Johannesburg; United Nations Research Institute for Social Development (UNRISD).

Ramachandra Guha, 2001, 'The Pre history of community Forestry in India' in *Environmental History*, vol. 6, no. 3.

Guha 1983 *Forestry in British and Post British India A historical analysis*

R. K. Rao and S. R. Sankaran 1989 *Forest Myth Jungle laws and Social Justice*

GOI 2010 Report National Committee on Forest Rights Act

World Bank 2007 *At Loggerheads*

Ramachandra Guha, 2010, 'Epilogues: Afterlives of Chipko' in Ramachandra Guha, *The Unquiet Woods: ecological change and peasant resistance in the Himalaya*, Twentieth Anniversary Edition, Permanent Black, New Delhi.

Bina Agawal, 2001, 'Participatory Exclusions, Community Forestry, and Gender: An Analysis for South Asia and a Conceptual Framework', *World Development*, 29 (10), pp. 1623-1648.

Nandini Sundar, ed., 2009, *Legal Grounds: natural resources, identity and the law in Jharkhand*, OUP (selected chapters).

Supriya Singh, 2013, 'Participatory Forest Management in Mendha Lekha, India' in Hali Healy et al., eds., *Ecological Economics from the Ground Up*, Routledge.

Module 4: Water as essence of life

Arabinda Mishra et al., 2008, *Common Property Water Resources: dependence and institutions in India's villages*, TERI Press (Chapter 2: Common property water resources: the conceptual foundation, Chapter 3: Common property water resources and rural quality of life).

Philip Cullet, n.d., 'Water law and policy in India: reforms and capacity building', Draft, Environmental Law Research Society.

Philip Cullet, et al, 2012, 'Water Conflicts in India: Towards a New Legal and Institutional Framework', Forum for Policy Dialogue on Water Conflicts in India, Pune.

V Ratna Reddy, M Gopinath Reddy, John Soussan, 2009, 'Collective Action and Watershed Management', 'Political Economy of Watershed Management' in Political Economy of Watershed Management: policies, institutions, implementations and livelihoods, Rawat for Centre for Economic and Social Studies, Hyderabad.

Ramaswamy R Iyer, Towards Water Wisdom: limits, justice, harmony, Sage, Delhi (selected excerpts)

David Mosse 2008 The Cultural Politics of Water

David Mosse, 2006, 'Rules and Representation: Transformations in the Governance of Water Commons in British South India', in The Journal of Asian Studies, 65/1.

Additional Reading

Krishna Bharadwaj, 1991, 'Alternative Analytical Paradigms in Theories of Development' in J Breman and S Mundle, eds., Rural Transformation in Asia, OUP, New Delhi, pp. 77-92.

Gilbert Rist, 2008, The History of Development from Western Origins to Global Faith, third edition, Zed Books (excerpts; especially, Chapter 10: The Environment, or The New Nature of 'Development''),

Jairam Ramesh, 2010, 'The two culture revisited: the environment-development debate in India', EPW, 55 (42), pp. 13-16.

Sirisha C Naidu, Panayiotis T Manolakos, 2010, 'Primary Accumulation, Capitalist Nature and Sustainability', EPW, 45 (29).

Jayanta Bandyopadhyay and Vandana Shiva, 1988, 'Political Economy of Ecology Movements', EPW, June 11.

Marina Fischer-Kowalski, Helmut Haberl and Fridolin Krausmann, 2007, 'Conclusions: likely and unlikely pasts, possible and impossible futures' in Marina Fischer-Kowalski and Helmut Haberl, eds., Socioecological Transitions and Global Change: Trajectories of Social Metabolism and Land Use, Advances in Ecological Economics, Edward Elgar, pp. 223-256.

Ramchandra Guha, 'Writing environmental history in India', in Studies in History, vol. 9 no. 8, 1993, pp 119-29.

David Pepper 1996 Modern Environmentalism- An Introduction

Ahmed, M. Hussien, 2000, Principles of Environmental Economics: Economics, Ecology and Public Policy, Routledge,.

Michael R. Redclift, Graham Woodgate 2010 International Handbook of Environmental Sociology

Sumit Guha, 2001, 'Economic Rents and Natural Resources: Commons and Conflicts, in Premodern India' in Arun Agarwal and K Sivaramakrishnan, eds., Social Nature: resources, representations and rule in India, OUP, New Delhi, pp. 132-146.

Helmut Haberl, Fridolin Krausmann, and Simone Gingrich, 2006, 'Ecological Embeddedness of the Economy: A Socioecological Perspective on Humanity's Economic Activities 1700-2000, EPW, November 25.

Partha Dasgupta and Karl Goral Maler, 2009, 'Environmental and Resource Economics: Some Recent Developments' in Kanchan Chopra and Vikram Dayal, eds., Handbook of Environmental Economics in India, OUP, New Delhi.

Divya Karnad, Meghna Krishnadas, Tarun Nair, 2013, 'Budgeting for Nature: Economic Growth and Ecosystem Conservation in India', EPW, 58 (25), pp. 22-26.

Amita Baviskar, 2010, 'The Unquiet Woods and Indian Environmental History', in Ramachandra Guha, The Unquiet Woods: ecological change and peasant resistance in the Himalaya, Twentieth Anniversary Edition, Permanent Black, New Delhi.

Ramachandra Guha and Madhav Gadgil, 1989, 'Ecology for the People' reprinted in Ramachandra Guha, 2006, How Much Should a Person Consume: thinking through the environment, Permanent Black, pp. 208-210.

Rucha Ghate, Narpal S. Jodha, and Pranab Mukhopadhyay, 2008, 'Introduction' in Rucha Ghate, Narpal S. Jodha, and Pranab Mukhopadhyay, eds., Promise, Trust, and Evolution: Managing the Commons of South Asia, OUP.

N C Narayanan, 2008, 'State, Governance and Natural Resource Conflicts' in N C Narayanan, ed., State, Natural Resource Conflicts and Challenges to Governance, Academic Foundation, New Delhi.

Nirmal Sengupta, 2008, 'Governance of Natural Resources in India: property rights, legal pluralism and other issues', in N C Narayanan, ed., State, Natural Resource Conflicts and Challenges to Governance, Academic Foundation, New Delhi.

Robert Chambers 1987 Review Land Degradation and Society

Piers M. Blaikie 1985 Political Economy of Soil Erosion in Developing Countries

Ian Scoones, 1998, 'Sustainable Rural Livelihoods: A Framework for Analysis', IDS Working Paper 72, Institute of Development Studies, Brighton.

Ian Scoones, 2009, 'Livelihoods perspectives and rural development', *Journal of Peasant Studies*, 36 (1), pp. 171–196.

Planning Commission, 2011, Report of the Working Group on National Rural Livelihoods Mission (NRLM), Planning Commission, Government of India, New Delhi.

ISID, 2012, 'Sustainable Development: emerging issues in India's Mineral Sector', Institute for Studies in Industrial Development, New Delhi (sponsored by Planning Commission, New Delhi).

Ratna V Reddy and P Prudhvikar Reddy, 'How participatory is participatory irrigation Management? – Water users Association in Andhra Pradesh', in *EPW*, Dec 31, 2005.

Nagothu Udaya Sekhar 2007 *Social Capital and Fisheries Management_ The Case of Chilika Lake in India* - Springer

John Briscoe and J P S Malik, 2007, *Handbook of Water Resources in India: development, management, and strategies*, OUP for World Bank [excerpts especially

R P S Malik, 'Water as Poverty'; George C Varughese, 'Water and Environmental Sustainability'; Ramesh Bhatia, 'Water and Energy Interactions'; R Maria Saleth, 'Water Rights and Entitlements'.