Course Title	Legal System Reforms
Programme Title	M.A. Development
Mode, Level, Course Code	M1, L3, LSR 311
Course Type	ELECTIVE
Credits	4
Academic Year and Semester	2012 -13, IV
Course Development Team	Sudhir Krishnaswamy, Abhayraj Naik, Manavi B.H,
Course Instructors	Sudhir Krishnaswamy, Abhayraj Naik

Rationale

India has an elaborate system of public administration and a strong legal system. These systems while usually playing an enabling role have also been imposing major constraints on the process and potential of development and therefore require thorough reforms. This need has been recognized in public debate and discourse as well as by the government. India has embarked on a significant programme for legal system reform backed by budgetary support for the first time in six decades. This includes the creation of a new village court system, the adoption of a national litigation policy for the government, the adoption of an arrears and pendency reduction programme, the creation of specialised fast-track tribunals, and extensive changes to the criminal and civil procedural laws. In this backdrop, it is immensely useful to understand the need for legal reforms and to appreciate how the reforms fit into and help constitute various development agendas. This elective course offers a sustained study of legal system reform in India and builds on the link between law and development introduced through the 'Law and Governance' core course. It engages with the functioning of various sub-systems within the Indian legal system in a detailed manner, and critically analyses how and why legal system reform remains a central concern for development.

Objectives

The course has four objectives:

- To introduce students to the concept and history of legal system reform in India; the possibility and value of comparative legal system reform analysis
- To equip students with the skills to understand the main challenges facing legal system reform in India
- To introduce students to the salient processes of legal reform in specific Indian contexts and equip them with the skills to critique specific proposals for legal reform



• To equip students to understand the relationship between development, governance and legal reform.

Syllabus

Week	Description
1	The first week of the course re-acquaints students with the Indian legal system and introduces them to the concept of legal system reform as related to the idea of development
2	In Week 2 we trace the historical story of legal system reforms in India while also exploring the relation between colonial-origin legal structures and modern economic outcomes
3,4,5	In the next three weeks we acquaint students with the main challenges and prospects of criminal justice reform in India with a specific focus on reforming prisons and the police.
6,7	In Weeks 6 & 7, we direct our attention to civil litigation and civil justice reform in the Indian context with a special focus on reforming systems that (in their present form) are unsatisfactory from a gender-fairness or cost-appropriateness perspective.
8,9,10,11	Over the next four weeks we explore the topic of judicial reforms in detail from a number of different perspectives. These sessions allow students to develop a critical understanding of the pressing challenges (of pendency and delays, access to justice, and procedural fairness) that continue to afflict India's legal system.
12	In Week 12, we explore whether activist reformative courts can indeed bring about desired social change before
13,14,15,16	We conclude by returning to the two key rubrics under which legal system reform analysis is organized: Rule of Law and Access to Justice, which helps us more fully re-assess the promise of law to make a critical contribution to the development process

Readings

The reading list below aims to provide a comprehensive textual basis for the topics listed. While "Further Readings" are meant to facilitate an advanced study of the relevant topic (for example, if one is working on a research paper in the area), students are encouraged to read all the other essential readings (whenever possible) in order to



achieve a satisfactory familiarity with the relevant scholarship. Given the potential reading constraints and time limitations of a busy academic schedule, we will often highlight one or a few of the more important texts listed (as and when needed) that will form the primary focus of discussion for that particular week – these must compulsorily be read by all students before attending the lecture sessions.

WEEK 1: Why do we need Law Reforms?

- Baxi Upendra, *The Crisis of the Indian Legal System*, (1982, Vikas Publishing, New Delhi), Ch. 1 (The Crisis of Legitimation of Law).
- Nariman Fali S, India's legal system: Can it be Saved? (2006, Penguin, New Delhi).
 Pgs to be specified.
- Debroy Bibek, *Why We Need Law Reform*, (available on: http://www.india-seminar.com/2001/497/497%20bibek%20debroy.htm).
- Krishnaswamy Sudhir, Introductory address on Indian Legal System Reform in First International Conference on Law, Governance and Development, May 18-19, 2012. (available on: APU's YouTube page).
- Chodosh Hiram E., *Comparative Dimensions of Law and Development, Proceedings of the Annual Meeting* (American Society of International Law), Vol. 100(March 29-April 1, 2006), pp. 434-437.

Supplementary Reading

• Davis Kevin E. and Micheal J Trebilcock, *Legal reforms and development*, 22(1) Third World Quarterly, 21 (2001).

WEEK 2: The history of legal reforms in India

- Baxi Upendra, The Crisis of the Indian Legal System, (1982, Vikas Publishing, New Delhi), Ch. 2 and 9 (The Colonial Nature of the Indian Legal System & The Crisis of Law Reform).
- Kolsky Elizabeth, (2005), A Note on the Study of Indian Legal History, Law and History Review, 23, pp 703-706.
- Law Commission of India, Reforms of the Judicial Administration, Vol. 1, Report No. 14, 1958, pp. 10 16. (available on: http://www.lawcommissionofindia.nic.in/).

Supplementary Reading:



• Klerman Daniel, Legal Origin or Colonial History, (available on: http://cniss.wustl.edu/files/cniss/klermanpaper.pdf).

Week 3: Criminal Justice System - Structure and challenges

- Kolsky Elizabeth, (Fall, 2005), Codification and the Rule of Colonial Difference: Criminal Procedure in British India, Law and History Review, Vol. 23, No. 3, pp. 631-683. (available on: http://www.jstor.org/stable/30042900).
- Issachar Rosen-Zvi and Talia Fisher, (Mar, 2008), Overcoming Procedural Boundaries, Virginia Law Review, Vol. 94, No. 1, pp. 79-155. (Available on: http://203.200.40.161:2056/stable/25470553).
- Ashworth Andrew and Mike Redmayne, The Criminal Process (1998, OUP), Ch. 2 (Towards a Framework for Evaluation).
- Pound Roscoe, (Jan., 1921), The Future of Criminal Law, Columbia Law Review, Vol. 21, No. 1 pp. 1-16.
- Pillai KN Chandrashekar (ed.), R.V. Kelkar's Criminal Procedure (2008, Eastern Book Company), Prologue and Chapters 1-3.

Supplementary Reading

- Report of the Committee on the Reforms of the Criminal Justice System, Government of India, Ministry of Home Affairs, March 2003. (Available on: http://mha.nic.in/pdfs/criminal_justice_system.pdf).
- Swift and Sure Justice: The Government's Plans for Reform of the Criminal Justice System, July 2012. (Available on: http://www.justice.gov.uk/downloads/publications/policy/moj/swift-and-sure-justice.pdf).

Week 4: Reforming the Criminal Justice System - Prison Reforms

- Sankaran S. R., Criminal Justice System: A Framework for Reforms, Economic and Political Weekly, Vol. 34, No. 22 (May 29 Jun. 4, 1999), pp. 1316-1320. (Available on: http://www.jstor.org/stable/4408009)
- Noorani A. G., Report on Prisons, Economic and Political Weekly, Vol. 28, No. 34 (Aug. 21, 1993), pp. 1698-1699. (Available on: http://www.jstor.org/stable/4400040)
- Hiremath Vijay, Draft policy on Prison Reforms, Economic and Political Weekly, June 28, 2008, pp. 29-32.



- Wright Valerie, Deterrence in Criminal Justice: Evaluating Certainty vs Severity of Punishment, A Report of 'The Sentencing Project', November 2010. (Available on: http://www.sentencingproject.org/doc/Deterrence%20Briefing%20.pdf)
- Raghavan Vijay, Guidelines for Public-Private Partnership in Prison Management, Economic and Political Weekly, January 22, 2011, pp. 16-19.

Supplementary Reading

- Michel Foucault, on the Role of Prisons (excerpts of an interview conducted by Roger-Pol Droit), available on:
- http://www.nytimes.com/books/00/12/17/specials/foucault-prisons.html?_r=1
- Glenn C. Loury, Crime, inequality and social justice, Daedalus, Summer 2010.

Week 5: Reforming the Criminal Justice System - Police Reforms

- Reforming the Police, Economic and Political Weekly, January 8, 2011, p. 9.
- Sankaran S.R., Police Reforms: Need to Review Power to Arrest, Economic and Political Weekly, November 18, 2000, p. 4082-4083.
- DK Basu v. State of West Bengal, AIR 1997 SC 610.
- Prakash Singh v. Union of India, (2006) 8 SCC 1.
- Bellary Uma Devi, Arrest, Detention and Criminal Justice System A Study in the Context of the Constitution of India (2012, OUP), Chs. 4 6.

Supplementary Reading

 Banerjee Abhijit, Raghabendra Chattopadhyay et al, Can Institutions be Reformed from Within? Evidence from a Randomized Experiment with the Rajasthan Police, NBER Working Paper No. 17912, March 2012, available on: http://www.nber.org/papers/w17912

Week 6: Civil Litigation in India

- Galanter Marc, Law's Elusive Promise: Learning From Bhopal, in Micheal Likosky ed, 'Transnational Legal Processes', (2002, Butterworths LexisNexis).
- Eisenberg Theodore et al, Litigation as a Measure of Well-being, Cornell Legal Studies Research Paper No. 12-28. (Available on SSRN at: http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2036194).
- Galanter Marc, "To the Listed Field...": The Myth of Litigious India, Jindal Global Law Review, 2009, pp. 65 77.



• Dhavan Rajeev, Litigation Explosion in India, (1986, N.M Tripathi Pvt. Ltd.), pgs to be specified.

Week 7: Civil Justice Reform

- Hiram E. Chodosh et al., Indian Civil Justice System Reform: Limitation and Preservation of the Adversarial Process, 30 N.Y.U. J. INT.'L L. & POL. 1, 4 (1998).
- Nanda Kishore, Indian Civil Procedure: Scholarship Urgently Wanted, Draft paper presented at 1st APU-LGDI Conference. (must ask author permission to use)
- Law Commission of India, Costs in Civil Litigation, Report No. 240, May 2012, (available on: http://www.lawcommissionofindia.nic.in/)
- Dhanda Amita and Archana Parashar, Engendering Law: Essays in Honour of Lotika Sarkar (1999, Eastern Book Company), Pgs to be specified.

Supplementary Reading

- Law Commission of India, *Reforms of the Judicial Administration*, Vols. 1 & 2, Report No. 14, 1958, available on: http://www.lawcommissionofindia.nic.in/
- Langbein John H., *The German Advantage in Civil Procedure*, 52 University of Chicago Law Review 823 (1985).

Week 8: Judicial Reforms - Background

- Robinson Nick, *Too Many Cases*, (Available on: http://www.frontlineonnet.com/stories/20090116260108100.htm).
- Hazra Arnab and Maja Micevska, *The Problem of Court Congestion: Evidence from the Indian Lower Courts* in Hazra and Debroy ed, 'Judicial Reforms in India', (2007, Academic Foundation, New Delhi) pp. 137 156.
- Walsh Barry, *Pursuing Best Practice Level of Judicial Productivity An International Perspective on Case Backlog and Delay reduction in India*, in Hazra and Debroy ed, 'Judicial Reforms in India', (2007, Academic Foundation, New Delhi) pp. 171-188.
- LGDI draft Working Paper 2012, *Pendency and Vacancy: A Necessary Co-relation?* (Forthcoming).
- Moog Robert, *Delays In Indian Courts: Why Judges Don't Take Control?*, 16 The Justice System Journal, Vol. 16, No. 1, (1992), pp. 19-36. (Available on: http://www.jstor.org/stable/27976795).



Supplementary Reading

• Hegde Sasheej, *Limits to Reform: A Critique of the Contemporary Discourse to Judicial Reform in India*, 29 Journal of the Indian Law Institute 154 (1987).

Week 9: Judicial Reforms - Alternative adjudication and dispute resolution mechanisms - 1

- Moog Robert, *Conflict and Compromise: The Politics of Lok Adalats in Varanasi District*, Law and Society Review, Volume 25, Number 3, (1991), pp. 545-569.
- Kumara Swamy V., *Courting trouble*, The Telegraph, July 11, 2007.
- Guruswamy M. and A. Singh 2011, Village Courts in India: Unconstitutional Forums with Unjust Outcomes.
- Baxi Upendra and Marc Galanter, Panchayat Justice: An Indian Experiment in Legal Justice, in Mauro Cappelletti and Bryant G. Garth eds., 'Access To Justice' 341 (1979).

Week 10: Judicial Reforms - Alternative adjudication and dispute resolution mechanisms - 2

- Nagasalia D., Family Courts A Critique, Economic and Political Weekly, Vol. 27, No. 33 (Aug. 15, 1992), pp. 1735-1737. (Available on: http://www.jstor.org/stable/4398748)
- LGDI draft Working Paper 2012, *Does Mediation Work? Reviewing Evidence from the Bangalore Mediation Centre*. (forthcoming)
- Brief Note on fast Track Courts. (Available on www.mha.nic.in)
- Singh, Aditya, *Plea Bargaining: A Nibble at the Edge of the Problem*, 79 NUALS Law Journal vol. 3 (2009).

Supplementary Reading

• Kohli Kanchi and Manju Menon, *The Nature of Green Justice*, Economic & Political Weekly, April 14, 2012, pp. 19 – 22.

Week 11: Judicial Reforms - Access to Justice

• Pratiksha Bakshi, Access to Justice And Rule-Of-[Good] Law: The Cunning Of Judicial Reform In India, (Available here)



- Galanter Marc, Jayanth K. Krishnan, "Bread for the Poor": Access to Justice and the Rights of the Needy in India (Available at: http://www.gsdrc.org/docs/open/SSAJ115.pdf)
- Cappelletti, Mauro and Bryant Garth, eds. (1978): *Access to Justice: A World Survey*, (Milan: Sijthoff and Noordhoff Alphenaandenrijn) Pgs. To be specified.
- Trubek, David (1990): "Critical Moments in Access to Justice Theory: The Quest for the Empowered Self" in Allan C. Hutchinson (ed.), Access to Justice 107.

Week 12: Legal Reform through Judicial Activism - Can courts bring about social change?

- Rosenberg Gerald N, *The Hollow Hope: Can Courts Bring About Social Change*, (University of Chicago Press, Chicago, 2008) [Chs. to be specified]
- Moog Robert, *Activism on the Indian Supreme Court*, Judicature, Vol. 82, No. 3, pp. 124-132.
- Sen Sarbani, Public Interest Litigation in India: Implications for Law and Development, 47 Policies and Practices 2012, Mahanirban Calcutta Research Group, available at: http://www.mcrg.ac.in/PP47.pdf
- Baxi Upendra, *Taking Suffering Seriously: Social Action Litigation in the Supreme Court of India*, Third World Legal Studies: Vol. 4, Article 6 (1985) available at: http://scholar.valpo.edu/twls/vol4/iss1/6

Supplementary Reading

• Epp Charles, *The Rights Revolution*, (University of Chicago Press, London, 1998)

Week 13: Legal System Reform: 'Law and Development'

- Davis Kevin, Michael Trebilcock, *The Relationship between Law and Development: Optimists versus Skeptics*, (2008) 56 Amer. J. Comp. L. 895.
- Trubek David, *Law and Development in the Twenty-First Century*, in McAlinn and Pejovic (eds.), Law and Development in Asia (Routledge, 2011).
- Kennedy David, Laws and Developments, in Hatchard and Perry-Kessaris (eds.), Law and Development: Facing Complexity in the 21st Century – Essays in honour of Peter Slinn (Routledge-Cavendish: 2003).
- Rose-Ackerman Susan, *Establishing the Rule of Law*, in Robert I Rotberg ed. 'When States Fail: Causes and Consequences (2004, Princeton University Press).



Supplementary Reading

• Chodosh Hiram E., *Emergence from the Dilemmas of Justice Reform*, 38 Texas International Law Journal 587 (2003).

Teaching Methods

The course will primarily be delivered through class room lectures and discussions and a focused research paper. For each student, each week will comprise four hours of lecture discussions. Students working on research papers that require field investigations will be provided guidance on how to organise their research within the timelines.

Evaluation and Grading

Criteria	Weightage (%)
A Research Paper (to be submitted two weeks before the end of the term)	30
Pre-submission oral presentation on research paper (three or four weeks before end of term: maximum 15 minutes per presentation)	10
Post-submission oral defence of the paper (penultimate week of term; maximum 20 minutes per student)	15
End semester written examination	35
Class Participation	10



Course Title	Contemporary Social Movements
Programme Title	M.A. Development
Mode, Level, Course Code	M1, L3, CSM 311
Course Type	ELECTIVE
Credits	4
Academic Year and Semester	2012 -13, IV
Course Development Team	Benson Isaac
Course Instructors	Benson Isaac

Rationale

Collective mobilisation and mass public action has been an integral part of Indian political culture and process. Within the MA Development programme there is a need to understand and explore the politics of the masses, aspirations, demands and assertions beyond the transaction and structures of formal institutions of governance. Debates around the relam of developments interventions have often been restricted to interventions by governments and the 'NGO' sector, this course seeks to broaden this understanding and explore the multiple forms of mass social action both violet and non-violent, progressive and potentially exclusionary which are an integral part of our social and political space.

The course offers a detailed analysis of the ideological framework of the social and political movements and familiarizes students with conceptual theories and typologies drawing from a small but growing enquiry in political science literature, social history andl sociology that seeks a greater understanding of social transformation beyond liberal and Marxist frameworks.

This course will explore a variety of 'progressive' contemporary social movements across India both theoretically and through a discussion of particular case studies. The course will familiarise students with theories of collective behaviour, resource mobilization and new social movements in order to understand why social movements emerge and what makes them effective political and social processes.



Objectives

The course is designed to enable a student to:

- Develop an overview and historical perspective around non –party political processes in India and understand. typology of social and political movements in the Indian context
- Understand a range ideologies, formations, objectives, strategies, tactics, organisation structures, articulations of victimhood and agency of non-party political processes and actions across India.
- Build on and broaden their understanding of community mobilisation, participatory development processes.
- Develop a critical understanding of the role that social movements have played in informing and influencing the development policy and political decision making space in India.

Syllabus

Session	Description
• Session 1 - Introduction to the	The initial sessions of the course will lay of
course: Exploring Social	the foundations of understanding social
Movements and Social Change	movements through exploring a range of
• Session 2&3: Movement, Reform,	theorising around social action, social
Revolution?	change and explore the nature of the non-
 Session 4: Networks, organisations and other forms of Mobilisation 	party political process. This exploration
and other forms of Modifisation	seeks to answer questions related to what
	constitutes social movements, how they
	emerge, what forms they take and what is
	the nature of impact and effectiveness.
• Session 5:Old Movements-New	The sessions will attempt to map the
Movements	diverse nature of claims, assertions and
• Session 6 & 7: Identity and Social	negotiations and the choice of strategy,
Movements	and nature of engagment with the state
 Session 8 : Screening of Jai Bhim comrade 	and various stakeholders in the social, economic and political space. This section
 Session 9: Dalit movement in India 	will also explore the way social
• Session 10: Women's Movement in	movements have engaged and intersected
India	with mulitiple themes of democracy,
• Session 11: Social Movements,	identity and development
Democracy and Development	•



• Session 12 : Screening of A Narmada Diary	
 Session 13: Issues of organising and participation in movements Session 14 & 15 : The Hindu Nationalist Movement Session 16: screening of Father, Son and the Holy War 	The following section will develop further on the theoretical frameworks that have been discussed and examine a range of case studies that help understand how the socio-legal framework as well as the larger context for the movements has altered the very goals of some of these struggles. This will be explored as borne out by the experiences of specific movements. The cases will explore both progressive as well as exclusionary movements.
• Session 17, 18, 19, 20 & 21	2 practicum visits and presentation of case studies by students in groups as part of the assessment will focus on various thematic areas through the lens of - framing the problem, ideological strands, strategies, efforts of mobilisation and organising and notions of power and impact.

Readings

Session 1: Introduction to the course: Exploring Social Movements and Social Change

- Jordan, Tim, Lent, Adam, McKay, George and Mische, Anne (2002) 'Social Movement Studies: Opening Statement,' *Social Movement Studies*, 1(1), pp. 5-6.
- Shah, Ghanshyam, Social Movements in India: A Review of Literature, New Delhi, Sage, 1990.

Session 2&3: Movement, Reform, Revolution?

- Dhanagare, D. N., 'Two Approaches to Social Movements in India', Social Change,
- vol.20, no.1, pp.51-61, 1988.
- DeFronzo, James (1991) 'Social Movements and Revolutions,' in *Revolutions and Revolutionary Movements*, Boulder: Westview Press
- Melucci, Alberto (1996) Chapter 19: Forms of Action, in *Challenging Codes: Collective Action in the Information Age*, Cambridge: Cambridge University Press, 361-379.



- Frank, Andre Gunder and Fuertes, Marta, 'Nine Theses on Social Movement', EPW,
- Vol.22, No.35, pp.1503-10, 1987.
- Calman, Leslie J., Protest in Democratic India, Authority's Response to Challenge,
- oulder, Westview Press, 1985.
- Meyer, David and Suzanne Staggenborg (1996), 'Movements, Countermovements and the Structure of Political Opportunity,' *The American Journal of Sociology*, Vol. 101(6), pp. 1628-1660.

Session 4: Networks, organisations and other forms of Mobilisation

• McCarthy, John D. and Mayer N. Zald (2003) 'Social Movement Organizations,' in *The Social Movements Reader: Cases and Concepts*, Malden: Blackwell Publishing, by Jeff Goodwin and James Jasper, Malden: Blackwell Publishing, pp. 169-186.

Session 5: Old Movements-New Movements

- Pichardo, Nelson (1997) 'New Social Movements: A Critical Review,' *Annual Review of Sociology.* Vol. 23, pp. 411-430.
- Singh, Rajendra, Social Movements, Old & New: A Postmodern Critique, Delhi, Sage, 2001
- Melucci, Alberto, 'The New Social Movements: A Theoretical Approach', Social Science Information, vol.19, 1980.

Session 6 & 7: Identity and Social Movements

- Della Porta, Donatella and Mario Diani (2006) 'Chapter 4: Collective Action and Identity,' in *Social Movements: An Introduction*. Malden: Blackwell Publishing, pp. 89-113.
- Bernstein, Mary (2003) 'The Strategic Uses of Identity by the Lesbian and Gay Movement,' in *The Social Movements Reader: Cases and Concepts*, by Jeff Goodwin and James Jasper, Malden: Blackwell Publishing
- Ray, Raka. Fainsod, Mary Social movements in India: poverty, power, and politics, Oxford, Rowman & Littlefield, 2005

Session 9: Dalit movement in India



- Omvedt, Gail (1993) Chapter 3: 'The Anti-Caste Movement,' in *Reinventing Revolution: New Social Movements and the Socialist Tradition in India.* New York: M.E. Sharpe, Inc
- Jodhka, Surinder and Avinash Kumar (2010), 'Religious Mobilisations for Development and Social Change: Dalit Movements in Punjab and Maharashtra, India' Religions and Development Working

Session 10: Women's Movement in India

- Susie Tharu and Tejaswini Niranjana (1996), 'Problems for a Contemporary Theory of Gender', in Shahid Amin and Dipesh Chakrabarty (eds), Subaltern Studies IX: Writing on South Asian History and Society, New Delhi: Oxford University Press
- Agnihotri, Indu and Mazumdar, Vina, Changing Terms of Political Discourse: Women's Movement in India, EPW, 30 No.29 (1995)

Session 11: Social Movements, Democracy and Development

- Baviskar, Amita. (ed.) Contested Grounds: Essays on Nature, Culture, and Power, New Delhi: OUP, 2008
- Della Porta, Donatella and Mario Diani (2006) 'Chapter 9: Social Movements and Democracy,' in *Social Movements: An Introduction*. Malden: Blackwell Publishing, pp. 223-249.
- Bebbington, Anthony (2007) 'Social Movements and the Politicization of Chronic Poverty,' *Development and Change*, Vol. 38(5), pp. 793-818.
- Oommen, T.K., Nation, Civil Society and Social Movements: Essays in Political
- Sociology, New Delhi, Sage Publications, 2004

Session 13: Issues of organising and participation in movements

- Meyer, David S,Nancy Whittier, & Belinda Robnett eds. Social Movements, Identity, Culture and the State, Oxford, OUP, 2002
- Della Porta, Donatella and Mario Diani (2006) 'Chapter 5: Individuals, Networks and Participation,' in *Social Movements: An Introduction*. Malden: Blackwell Publishing, pp. 114-134.



Session 14 & 15: The Hindu Nationalist Movement

- Jaffrelot, Christophe. The Hindu Nationalist Movement in India. New York: Columbia University Press, 1996.
- Barve, Sushobha. Healing streams: Brining Hope Back in the Aftermath of Violence, Penguin Books, 2003.
- Baviskar, Amita. 'Indian Indigeneities: Adivasi Engagements with Hindu Nationalism in India' in Marisol de la Cadena and Orin Starn (eds) Indigenous Experience Today, Berg Publishers: Oxford2007

Evaluation and Grading

Criteria	Weigtage(%)
1500 word midcourse essay	30
1500 word film review	30
Case Study Presentation	40



Course Title	Livestock Productions Systems: Ecology and	
	Development	
Programme Title	M.A. Development	
Mode, Level, Course Code	M1, L3, LPS 311	
Course Type	ELECTIVE	
Credits	4	
Academic Year and Semester	2012 -13, IV	
Course Development Team	Purnendu Kavoori, N. Kandasamy, Nitya Ghotge,	
	Himanshu Upadhyaya, Sankar Datta,	
Course Instructors	Purnendu Kavoori,	

Rationale

Despite the fact that livestock make a substantial contribution to the urban, national and international economy, alongside forming one of the more reliable of rural livelihoods, the study of livestock and livestock keepers is a relatively neglected area of attention in the field of development. Both policy makers as well as development researchers have broadly conceived of livestock and livestock keepers as being secondary and subordinate to the agrarian production system. The two unfortunate consequences of this have been that, (a) the historically evolved resilience of livestock production systems and livelihoods of those associated with it have been undermined, and (b) that the complex and mutually critical interdependencies that livestock and agriculture had evolved are falling apart. Tendencies which marginalized livestock keeping cultures and peoples originating in Colonial times not only continued but were actively intensified following Indian Independence and are likely to get further exacerbated with economic liberalisation. Along with tribal peoples, pastoral people in particular and livestock keeping populations in general have been among the least understood 'victims of development'. As in the case of other such communities, their socalled development has often resulted not only in the undermining of people's livelihoods but in causing both long and short term ecological problems stemming from reductions in diversity, effectively undermining the viability of production alternatives. The study of the great variety of livestock production systems that obtain even today provides a materially grounded and highly resolving lens enabling the student to engage critically with the complex consequences of development as it has historically unfolded. understanding of the ecology, history and social-economy of livestock production would have to lie at the heart of development initiatives that take into account concerns of sustainability, diversity and livelihood security.



Aims/Objectives

The objective of the course is to enable the student to develop a basic understanding of:

- How the study of livestock may contribute to a broader critique of the relationship between development and environment that is now emerging from different fields.
- The relationship between livestock and peoples livelihoods as an example of the complexity of human and resource interactions as these have evolved in historical societies.
- The persistence, viability and adaptive value of forms of livestock production such as pastoralism and mixed farming, including transhumance, in contemporary developmental contexts.
- The emerging debates around industrial livestock production, (including that of climate change), the manner in which these systems cannot be seen apart from a larger vision of industrialization, and their likely social and environmental consequences.

Syllabus

Module	Description	
Introduction to livestock development	 Importance of Livestock in development Agro-centric framework and marginalization of livestock Emphasis on productivity and resource intensification 	
Historical Background	 The Domestication of Animals: the neolithic Pre-industrial livestock cultures Western Asia, Eurasia, China, Africa, Americas, Western Europe. 	
Early History of Livestock keeping in India	 Animals domesticated in India Vedic and post-Vedic transition from pastoralism to settled agriculture: Maturing of a Cattle culture and values based on Agricultural and livestock symbiosis 	
The Colonial Transformation	 Frest policy: changes in the classification, revenue, protected, restricted and village forest different degrees of restriction, Different Acts on Forest, Land policy: abolition of zamindari- and its negative effect on the viability of Ongole, 	



	 Ponganur, Gir breeds etc.; Royal Commission on Agriculture 1928 Lord Linlithgow, start of crossbreeding; Expansion of canal irrigation Colonialism and its Effects on Livestock: undermining of Indigenous breeding tradition and pastoralism Movement of Indian livestock (genetic material) to South America, Africa Introduction of European livestock to India Institutions Created by the British 	
Post – independence	 The Green Revolution and Livestock production; Agricultural expansion, change in cropping patterns/cycles and crop types, Cereals to cash crop, further spread of irrigation (well/canal). Forest policy:, Different Acts of Forest department. Increase of sanctuaries, Forest Rights Act. Land policy; land reforms and their effect on livestock economy. Intensification: Large scale Cross breeding in species; Cattle, sheep, goat, pig The role of International institutions and Funding agencies; World Bank, CGIAR institutions; IFPRI, ILRI, SDc etc. 	
Systems of Livestock		
Systems of Livestock Production	 Persistence of pastoralism in the arid and semi arid areas of the sub-continent, including Rajasthan, Gujarat and the Deccan; Criticality of highland pastoralism to livelihood resilience- Kashmir, Himachal, Uttaranchal; Important livestock production tracts in the Country and Communities. 	
	 Forest based livestock rearing / Swidden agriculture areas Limited but important role of livestock in forest based livelihoods. Conflict between forests dwellers and livestock keepers Agropastoral mixed farming systems in irrigated and unirrigated regions 	



	a Indo Congotic plain.	
	Indo-Gangetic plain;	
	Coastal and deltaic regions of Andhra and Tamil	
	Nadu;	
	Backyard poultry- Local breeds: White leghorn,	
	Vanraja, giriraja, gramapriya. Migratory duck	
	breeding.	
	 North East region - Pig Social dimesions, 	
	Scavenging	
	Industrial Production System	
	 Movements of Livestock Internationally World 	
	industrial livestock production.	
	Ranching: Africa and Amazonia	
	Backyard to Industrial Commercial poultry,	
	Resource use (stall fed, breed, water requirements	
) competition for agricultural land	
	 Livestock and GHG's , 	
Livestock Marketing and	Commodification of pastoral and backyard	
the Producer	production systems;	
	 Decline of wool markets; Rise of meat market; 	
	Operation Flood	
	Livelihood security and and livestock keeping	
Natural Resource Aspects	Crisis of common property resources,	
. Tataran messaries / ispects	 Privatisation of natural resources, water, SEZs 	
	Watersheds, soil and water conservation	
	programme versus livestock programmes	
Advocacy	The contradictions in mainstreaming the	
Advocacy	mainstream	
	Absence of a political voice Desiliance as a spitiance of institution models of	
	Resilience as a critique of imitative models of	
	development	



Readings

(Those marked with an (#) are mandatory readings, in which are included both recent publications as well as classics of the field)

Introduction to livestock development

- Chakravarthy, A K (1985) 'Cattle Development Problems and Programs in India: a Regional Analysis,' *GeoJournal*, Vol 10, No 1, pp. 21-45.
- Crotty, Raymond (1980) *Cattle, Development and Economics* Commonwelath Agricultural Bureau.(#)
- Ghotge, Nitya S. (2004) *Livestock and Livelihoods: The Indian Context*, Foundation Books, New Delhi. (#)
- Hanumantha Rao, C H (1988) 'Agricultural Development and Ecological Degradation: An Analytical Framework,' *Economic and Political Weekly*

Historical Background

- Fuller, Dorian, Q., (2006), "Agricultural Origins and Frontiers in South Asia: A working synthesis", *Journal of World Prehistory*, vol 20. No.1, March, pp. 1-86.
- Gommans, Jos (1998) 'The Silent Frontier of South Asia C. A.D. 1100-1800,' *Journal of World History*, Vol 9, No 1, pp. 1-23.(#)
- Kosambi, D.D., (1965), History and Civilization of Ancient India

Early History of Livestock keeping in India.

- Kapur, Nalini, Sinha, (ed.), (2011) Environmental history of Early India: A Reader, OUP.
- Rangarajan, M., K.C., Shivaramakrishnan, (2011), *India's environmental history: a Reader*, vol 1, Permanent black, (#)
- Harris, Marvin (1966) 'The Cultural Ecology of India's Sacred Cattle,' Current Anthropology.(#)
- Freed, Stanley and Ruth Freed (1972) 'Cattle in a North Indian Village,' Ethnology
- Singh, Chetan (1995) 'Forests, Pastoralists and Agrarian Society in Mughal India,' in Arnold, David and Ramchandra Guha (eds) *Nature, Culture, Imperialism: Essays on the Environmental History of South Asia*,



The Colonial Transformation:

- Gadgil M. And Guha, R., (2005) The Uses and Abuses of Nature, OUP.
- Rajan, Ravi.S. (2006) Forestry and Imperial Ecol-Development 1800- 1950, Orient Longman.
- Royal Commission on Agriculture (1928) Chapter on Animal Husbandry and Chapter on Forests.(#)
- Wright, N C (1939) Report on Organising Animal Husbandry and Dairying in India(#)
- Bhattacharya, Neeladri (1995) 'Pastoralism under Colonial Rule,' in A Arnold and R Guha (eds) Nature, Culture and Imperialism: Essays on Environmental History in South Asia, Oxford University Press, New Delhi.
- Rangarajan, M., K.C., Shivaramakrishnan, (2011) *India's environmental history: a Reader*, vol. 1, Permanent Black.
- Satya, Laxman D. (2004) *Ecology, Colonialism and Cattle: Central India in the Nineteenth Century*, Oxford University Press, New Delhi.
- Schreiner, Charles (1949) 'The Background and Development of Brahman Cattle in Texas,' *The Southwestern Historical Quarterly*, Vol 52, No 4, pp. 427-443.(#)
- Habib, Irfan, (19??) "Men and Environment", vol 11, Peoples' History of India

Post -independence

- Shiva, Vandana, (19??), Violence of the Green Revolution,
- Miller, Frank, C., (1977), "Knowledge and Power: anthropology, Policy Research and the Green Revolution", American Ethnologist, vol.4, no.1.
- Dalrymple, Dana G., (1979), "The adoption of high yielding grain varieties in developing nations" *Agricultural History*, Vol 53, No.4, pp. 704-726.(#)
- Candler, Wilfred and Nalini Kumar (1998) *The Dairy Revolution: The Impact of Dairy Development in India and the World Bank's Contribution*, World Bank, Washington DC.
- Doornboss, Martin et. al. (1990) Dairy Aid and Development: India's Operation Flood,
 Sage Publications, New Delhi
- Chakravarthy, A K (1985) 'Cattle Development Problems and Programs in India: a Regional Analysis,' *GeoJournal*, Vol 10, No 1, pp. 21-45.
- Doornboss, Martin and K N Nair (1990) Resources, Institutions and Strategies: Operation Flood and Indian Dairying, Sage Publication, New Delhi.(#)
- George, Shanti (1985) Operation Flood: An Appraisal of Current Indian Dairy Policy, Oxford University Press, New Delhi.(#)



- Kurien, Varghese (2005) *I Too had a Dream: as told to Gauri Salvi*, Roli Books, New Delhi.
- Misra, Shefali (n.d.) *Deconstructing Indian Livestock Policy: From Policymaker to Implementer to Receiver* An Idea for Praxis, FAO, Rome.
- Rangarajan, M., (1999), Fencing the Forest, OUP.(#)
- Savyasachi,(2011) Forest Rights Act 2006: Undermining the Foundational Position of forests', EPW, vol xlvi, no 15, April 09.
- Ramnath, Madhu, (2008) 'Surviving the Forests Rights Act: Between Scylla and Charybdi,' EPW, xliii, no. 9, March 01.

Natural Resource Aspects:

- Ghate, R., N.S. Jodha and P.Mukhopadhya, (2008) *Promise, Trust and Evolution:* Managing the Commons of south asia, OUP.
- Brara, Rita., (2008), Shifting Landscapes: The making and remaking of village commons in India, OUP.
- Jodha, N.S., (19??) Common Property Resources and the Rural Poor in Dry regions of India, EPW, vol 31, no 27., pp 1169-81. (#)
- Puskur, Ranjita., Jetske Bouma and Christopher Scott (2004) " sustainable Livelihood production in Semi-arid watersheds, EPW

Pastoral Systems of Livestock Production

- Dyson-Hudson, R. And N. Dyson-Hudson, 1980, "Nomadic Pastoralism", *Annual Review of Anthropology*, Vol.9., pp 15-61.(#)
- Equipe Ecologie (eds), (1979), Pastoral Production and Society.(#)
- Kavoori, P.S., (2005), "Pastoral Development and the Developmental state: Or why the Government has given up on the pastoralists of Rajasthan", *Geography Research Forum*, Vol. 25, 28-42.(#)
- Lind, Jeremy; Ian Scoones and Andy Catley (2012) *Pastoralism and Development in Africa: Dynamic Change at the Margins*, Routledge.
- Saberwal, Vasant (1995) Pastoral Politics, Oxford University Press.
- Robbins, Paul (1998) 'Nomadisation in Rajasthan, India: Migration, Institutions and Economy' *Human Ecology*, Vol 26, No 1.(#)
- Gadgil, M. and K.C. Malhotra, (1982), "Ecology of a Pastoral caste: Gavli Dhangars of Peninsular India", Human Ecology, Vol 10, no 1, March 1982, pp. 107-143.(#)



- Fratkin, Elliot, (2001), "East African Pastoralism in transition: Masai, Boran and Rendille cases", *African Studies Review*, Vol44, No 3., Dec 2001, pp 1-25.
- Fratkin, Elliot (1997) 'Pastoralism: Governance and Development Issues', *Annual Review of Anthropology*, No 26, pp. 235-61.(#)
- Gooch, P. (1992) 'Transhumant Pastoralism in Northern India: The Gujar Case', Nomadic Peoples, No 30, pp. 84-96.(#)

Agropastoral mixed farming systems in irrigated and unirrigated regions

- Basu, Pratyusha and Bruce A. Scholten, (2012) Crop-Livestock systems in Rural development: Linking India Green and White Revolutions.", International Journal of Agricultural Sustainability, Vol 10. No., 2, May 2012, pp. 175-191.(#)
- Basu, P. (19??), "Success and Failure of cross-bred Cows in India: A place based approach to rural development", *Annals of the Association of American geographers*, Vol 99, no,4, pp.746-766.
- Hoffpauir, Robert (1982) 'The Water Buffalo: India's Other Bovine,' *Anthropos,* pp. 215-38.(#)
- Rao, Bhavana, and Mihir Mathur, (2012), Watershed Development and Livestock Rearing: Experiences and Learnings from the Watershed Organization Trust", Wotr/SAPPLPP, Feb. 2012.
- Skovlin, Jon M., and R.K Jain, (1990) "Lessons from India", Rangelands vol12, issue no 5, Oct. 1990, pp 275-277.
- Ghotge N.,(2010), "Black Sheep and Grey Wolves", Seminar, no 613, Sept 2010.
- Ramdas, S. And Ashalatha, (20??), Unpacking the Poor Productivity Myth: Women Resurrecting Poultry bio-diversity and Livelihoods in Andhra Pradesh, SAPPLPP, Good Practices note no 25.(#)
- Pathan, R.K., A.R. Bhide Et. Al., (2009), Reviving the Indigenous Poultry breed: Kadaknath, SAPPLPP, Potential good Practice note.

Forest based livestock rearing / Swidden agriculture areas

 Pouchepadas, Jacques (1995) 'British Attitudes towards Shifting Cultivation in Colonial South India: A Case Study of South Canara District 1800-1920' in Arnold, David and Ramchandra Guha (eds) Nature, Culture, Imperialism: Essays on the Environmental History of South Asia, Oxford University Press.(#)



- Madhusudan, M. D. (2000) Sacred Cows and the Protected Forest: A Study of Livestock Presence in Indian Wildlife Reserves. CERC Technical Report 4, Centre for Ecological Research and Conservation, Mysore.
- Madhusudan, M. D. (2005) 'The Global Village: Linkages between International Coffee Markets and Grazing by Livestock in a South Indian Wildlife Reserve', Conservation Biology, Vol 19, No 2, pp. 411-420.
- Kavoori, Purnendu (2005) 'Environmentalism, Development and the Crisis of Pastoral Legitimacy: Rajasthan's Nomadic Pastoralists and the Forests of Madhya Pradesh,' SENRI Ethnolological Studies, No 69, pp. 215-226. (#)
- Thomas-Slayter, Barbara and Nina Bhat (1994) 'Land, Livestock and Livelihood: Changing Dynamics of Gender, Caste and Ethnicity in a Nepalese village,' *Human Ecology*, Vol 22, No 4, pp. 467-494.

Industrial Production System

- Barret, Julia, R., 'Livestock farming: Eating Up the Environment,' *Environment Health Perspectives*, Vol 109, No.7, July 2001, pp. A312-A317.
- Ghosh, Bibek (2007) *Trends and Issues of Livestock Production Systems*, Daya Publishing House. (#)

Livestock Marketing and the Producer

- Ali Jabir (2007) 'Livestock sector development and implications for rural poverty alleviation in India,' *Livestock Research for Rural Development'*, Vol. 19, Article #27.
- Kumar, Anjani and Dhiraj K. Singh (2008) 'Livestock Production Systems in India: An Appraisal across Agro-Ecological Regions', *Indian Journal of Agricultural Economics*, Vol. 63, No 4, pp. 577-597.
- Birthal, Pratap S. (2008) 'Linking Smallholder Livestock Producers to Markets: Issues and Approaches', *Indian Journal of Agricultural Economics*, Vol. 63, No 1, pp. 19-37.
- Birthal, Pratap S. and Digvijay S Negi (2012) 'Livestock for Higher, Sustainable and Inclusive Agricultural Growth,' *Economic and Political Weekly*, Vol. XLVII, No 26-27, pp. 89-99. (#)
- Pasha, Syed Ajmal (2000) *Economic and Ecological Dimension of Livestock Economy*, Commonwealth Publishers, New Delhi.
- Ray, Sunil (1999) 'Declining Production Conditions of Raw Wool,' Economic and Political Weekly, Vol. XXXIV, No 20, pp. 1209-1214.
- Rathore, M S (1993) Marketing of Goat in Rajasthan, University Book House.



Advocacy

• Kavoori, Purnendu (2007) 'Reservations for Gujars: a Pastoral Perspective,' *Economic and Political Weekly*, No. (#)

Teaching methods

A combination of lectures and group work will be used.

Evaluation and grading

Criteria	Weightage(%)
Book review of 1500 words	10
A term paper of 3,000-3500 words	30
A written examination	50
Class Participation through group work involving	10
presentations on given themes	



Course Title	Introduction to Forests and Livelihoods
Programme Title	M.A. Development
Mode, Level, Course Code	M1, L3, FAL 311
Course Type	ELECTIVE
Credits	4
Academic Year and Semester	2012 -13, IV
Course Development Team	Bharat Sundaram
Course Instructors	Bharat Sundaram

Rationale

Forests and wooded areas provide significant livelihood benefits to some 250 million people in India, and several hundred million people worldwide. The social and ecological sustainability of forest-based livelihoods are underpinned and strongly influenced by two key factors- the way society views forests, and the ecological bases of forest productivity. On the one hand, the gradual erosion of forest-dwellers' tenure over natural resources, land-use change and forest destruction, over-extraction and unsustainable use, and change in management practices are some common perceptions of how forest-based livelihoods are affected by the relationship between society and forests. These perceptions are shaped by larger debates influencing humankinds' use of natural resources. On the other hand, changes in forest ecology brought about by global climate change, changes in nitrogen cycling, spread of invasive species, changing phenological cycles, and degradation of pollinator and seed-dispersal networks, also impacts the livelihood resource base provisioned by forests. Students of development should thus be equipped to engage with different paradigms that have sculpted both Environment/Society debates and underlying ecological issues, and to make linkages between these two domains.

Objectives

- To introduce students to some critical frameworks governing forest-based livelihoods (neo-Malthusian, market-based, institution-based, political economy, political ecology, ethics, to name a few)
- To enable students to understand how the social construction of nature (particularly notions of degradation and unsustainable use) determines how natural resources from forests are used
- To enable students to understand how global change (climate change, land-use change, invasive species, nutrient cycling) could affect forest productivity and forest-based livelihoods



Syllabus

Unit	Description
Unit 1: Setting the context	Using forests as a context, some basic ideologies and
	frameworks that have shaped and defined Environment- Society relationships will first be discussed. These include
	the seminal works of Malthus and Hardin regarding problems posed by rising human populations and the use
	of common pool resources respectively. We will then examine some dominant frameworks (political economy,
	sustainable development, political ecology) that have
	influenced the field. Lastly, because contemporary contexts are better understood through history, a brief overview of
	how forest-society linkages have changed over time (pre- colonial, colonial, post-colonial) will also be dwelt upon
Unit 2: Understanding	In current times, economic approaches dominate debates
forest-based livelihoods	in the livelihoods domain. These debates are influenced by laudable objectives (poverty alleviation, equitable sharing
	of resources). However, issues pertaining to certain corollaries of this ideology (e.g., links with global markets,
	stress on livelihood promotion and value addition) are not
	dwelt upon in detail. In this unit, we will explore what is meant by livelihoods in the forests context, followed by
	discussion centered on contemporary perspectives (e.g.,
	forests as common pool resources, or forests purely as production systems) of livelihoods linked with forests.
	Lastly, since the State has unilateral control over most forest resources in India, we will examine issues related to
	the legislation (e.g., Forest Act, Wildlife Protection Act,
	Forest Rights Act) that directly impacts livelihoods that are forest-based
Unit 3: The ecological bases of forest-based	Livelihoods gained from forest systems are strongly dependent on ecological factors that underlie the
livelihoods	production or regeneration of various resources. After a
	brief overview of various kinds of forest products (e.g.,
	timber and non-timber forest products), the concept of ecological monitoring will be introduced. Dominant
	paradigms related to the extraction and utilization of forest
	products, like sustainable yield, carrying capacity,
	participatory resources appraisal, and adaptive co-



	management will be critically examined. Lastly, new paradigms that recognize the coupled and dynamic nature of social-ecological systems will be introduced.
Unit 4: Threats to forest-based livelihoods	Some issues pertaining to mainstream development (e.g. construction of dams and roads, agricultural expansion, protected areas) impact forest-based livelihoods by destroying forest resources or curtailing access and tenure. Additionally, biological changes in forest landscapes, like climate change, spread of invasive species, and changes in nutrient cycling, also affect forest productivity and the provisioning of forest resources. This unit will dwell upon how mainstream development issues and ecological factors affect forest-based livelihoods, and also examine some of the dilemmas in attempting to dovetail environmental conservation programs with sustainable livelihood approaches. New emerging directions, like the establishment of community-conserved areas will be discussed.

Week	Broad top	ic	Class	Lecture and discussion topic(s)	Readings
	Setting	the		Forests and society- an	1, 2, 3
1	context		1	introduction	
				Malthus and his influence on the	
			2	use of natural resources	4, 5, 6, 7
				Hardin's tragedy of the commons	
				and its influence on the use of	
			3	natural resources	8, 9, 10
	Setting	the			
2	context		1	The political economy framework	1
				The sustainable development	
			2	framework	1
			3	The political ecology framework	1
	Viewing	the		Forest-livelihood linkages in pre-	
	context			colonial India	
3	historically		1		39, 40
				Forest-livelihood linkages in pre-	
			2	colonial India	39, 40



ĺ			Forest-livelihood linkages in	
		3	colonial India	41, 42
	Viewing the			
	context		Forest-livelihood linkages in	
4	historically	1	colonial India	41, 42
			Forest livelihood linkages in	
		2	independent India	43, 44
			Forest livelihood linkages in	
		3	independent India	43, 44
			Theme: Malthus, Hardin, and the	
			evolution of the	
	Paper		Environment/Society	Week 1-4
5	discussions	1	relationship	readings
			Theme: Different ways to	Week 1-4
		2	approach forest-society linkages	readings
			Theme: Historically analysing	Week 1-4
		3	forest-society linkages	readings
			Exploring what is meant by	8-
	Forest-based		forest-based livelihoods using	
6	livelihoods	1	narratives	12, 15, 16
		_	Economic approaches: Forest	12, 13, 13
			products, value addition, and	
		2	livelihood promotion	17, 18
			Economic approaches: role of	
		3	markets	22, 23, 24
	Forest-based		Common and livelihoods: role of	,,,
7	livelihoods	1	instituitions	19, 20, 21
			Impact of globalization on forest-	
		2	based livelihoods	25, 26
		_	Introduction to resilience of	
		3	social-ecological systems	27, 28, 29
	Legislation			,,,
	influencing			
	forest-based		State forests, livelihoods, and	
8	livelihoods	1	conservation	45, 46, 47
		_	State forests, livelihoods, and	-,,
		2	conservation	45, 46, 47
		_		-,,
		3	The Indian Forest Act, the Wildlife	44, 46, 48



			(protection) Act, protected areas, and livelihoods	
	Legislation			
	influencing		The Indian Forest Act, the Wildlife	
	forest-based		(protection) Act, protected areas,	
9	livelihoods	1	and livelihoods	44, 46, 48
			The Forest Rights Act and its	
		2	effects on livelihoods	49, 50, 51
			The Forest Rights Act and its	
		3	effects on livelihoods	49, 50, 51
			Theme: Broadening our	
	Paper		understanding of forest-linked	Week 6-9
10	discussions	1	livelihoods	readings
			Theme: Basics of resilience of	Week 6-9
		2	social-ecological systems	readings
			Theme: Legislation and forest-	Week 6-9
		3	based livelihoods	readings
	The ecological			
	basis of		Ecological monitoring of forest	
11	livelihoods	1	resources	30, 31, 32
		2	Introduction to phenology	33, 34
			The concept of sustainable yield	
		3	and carrying capacity	35, 36, 37
	The ecological		Participatory techniques for	
	basis of		monitoring ecology and	
12	livelihoods	1	production	32, 38
			Adaptive co-management	
			frameworks for sustainable	
		2	livelihoods	37
			Revisiting resilience in the	
		3	context of livelihoods	27, 28, 29
	Threats to forest-		Dams, displacement and	
13	based livelihoods	1	livelihoods	55, 56, 57
			Dams, displacement and	
		2	livelihoods	55, 56, 57
		3	Protected areas and livelihoods	12
	Threats to forest-		Community-conserved areas and	
14	based livelihoods	1	livelihoods	58



		2	Global change and livelihoods	52, 53, 54
		3	Global change and livelihoods	52, 53, 54
	Paper		Theme: Ecology and forest-linked	Week 11-14
15	discussions	1	livelihoods	readings
			Theme: Global change and	Week 11-14
		2	livelihoods	readings
			Theme: Current paradigms to	Week 11-14
		3	conserve forest-based livelihoods	readings
	Term paper submission and			
16	presentation	1	Presentation by students	Synthesis
		2	Presentation by students	Synthesis
		3	Presentation by students	Synthesis

Readings

- 1. Robbins, P., Hintz, J., & Moore, S. A. (2011). *Environment and Society: A Critical Introduction* (p. 312). John Wiley & Sons.
- 2. Saberwal, V. K., & Rangarajan, M. (2005). *Battles over nature: science and the politics of conservation*. Delhi: Permanent black.
- 3. Baxter, B. (2004). *A theory of ecological justice*. New York: Routledge.
- 4. Black, J. A. (1997). History: Two Hundred Years since Malthus. *BMJ: British Medical Journal*, 315(7123), 1686–1689
- 5. Malthus, T. R., & Fellow, A. (1803). An essay on the principle of population.
- 6. PLOTNICK, A. R. (1964). MALTHUS, MARX AND MAO. *Challenge*, *12*(9), 1964 M.E. Sharpe, Inc.
- 7. Brockington, D., Duffy, R., & Igoe, J. (2008). *Nature unbound: conservation, capitalism and the future of protected areas.* London: Earthscan.
- 8. Hardin, G. (1968). The tragedy of the commons. *Science (New York, N.Y.)*, *162*(3859), 1243–8.
- 9. Hardin, G. (1974). Commentary: Living on a Lifeboat. *BioScience*, 24(10), 561–568.
- 10. Ratner, B. D. (2004). Equity, Efficiency, and Identity: Grounding the Debate over Population and Sustainability. *Population Research and Policy Review*, *23*(1), 55–71.
- 11. Jeffery, R. (1998). The social construction of Indian forests.
- 12. Saberwal, V. K., Rangarajan, M., & Kothari, A. (2001). *People, parks, and wildlife : towards coexistence*. New Delhi: Orient Longman.



- 13. Champion, F., & Seth, S. (1968). A revised survey of the forest types of India.
- 14. Curtis, J. T., & McIntosh, R. P. (1950). The Interrelations of Certain Analytic and Synthetic Phytosociological Characters. *Ecology*, *31*(3), 434.
- 15. Sundar, N. (2001). Branching out: joint forest management in India. Oxford Univ.
- 16. LEVANG, P., DOUNIAS, E., & SITORUS, S. (2005). OUT OF THE FOREST, OUT OF POVERTY? Forests, Trees and Livelihoods, 15(2), 211–235.
- 17. Kusters, K., Belcher, B., & eds. (2004). *Forest products, livelihoods and conservation: case studies of non-timber forest product systems. volume 1 Asia.* Bogor, Indonesia: CIFOR.
- 18. Sunderlin, W. D., Dewi, S., Puntodewo, A., Muller, D., Angelsen, A., & Epprecht, M. (2008). Why forests are important for global poverty alleviation: a spatial explanation. *Ecology and Society*, (2).
- 19. Ostrom, E. (1999). COPING WITH TRAGEDIES OF THE COMMONS. *Annual Review of Political Science*, *2*(1), 493–535.
- 20. Persha, L., Agrawal, A., & Chhatre, A. (2011). Social and ecological synergy: local rulemaking, forest livelihoods, and biodiversity conservation. *Science (New York, N.Y.)*, 331(6024), 1606–8.
- 21. GHATE, R., MEHRA, D., & NAGENDRA, H. (2009). Local institutions as mediators of the impact of markets on non-timber forest product extraction in central India. *Environmental Conservation*, 36(01), 51–61.
- 22. Dorward, A., Poole, N., Morrison, J., Kydd, J., & Urey, I. (2003). Markets, Institutions and Technology: Missing Links in Livelihoods Analysis. *Development Policy Review*, *21*(3), 319–332.
- 23. Bebbington, A. (1999). Capitals and Capabilities: A Framework for Analyzing Peasant Viability, Rural Livelihoods and Poverty. *World Development*, *27*(12), 2021–2044.
- 24. Rai. (2004). Forest Product Use, Conservation and Livelihoods: The Case of *Uppage* Fruit Harvest in the Western Ghats, India. *Conservation and Society*.
- 25. Sunderlin, W. D., Angelsen, A., Belcher, B., Burgers, P., Nasi, R., Santoso, L., & Wunder, S. (2005). Livelihoods, forests, and conservation in developing countries: An Overview. *World Development*, *33*(9), 1383–1402.
- 26. Belcher, B., Ruíz-Pérez, M., & Achdiawan, R. (2005). Global patterns and trends in the use and management of commercial NTFPs: Implications for livelihoods and conservation. *World Development*, *33*(9), 1435–1452.
- 27. Olsson, P., Folke, C., & Berkes, F. (2004). Adaptive comanagement for building resilience in social-ecological systems. *Environmental management*, *34*(1), 75–90.



- 28. Folke, C., Hahn, T., Olsson, P., & Norberg, J. (2005). ADAPTIVE GOVERNANCE OF SOCIAL-ECOLOGICAL SYSTEMS. *Annual Review of Environment and Resources*, *30*(1), 441–473.
- 29. Tacconi, L. (2007). Decentralization, forests and livelihoods: Theory and narrative. *Global Environmental Change*, *17*(3-4), 338–348.
- 30. Kremen, C., Merenlender, A. M., & Murphy, D. D. (1994). Ecological Monitoring: A Vital Need for Integrated Conservation and Development Programs in the Tropics. *Conservation Biology*, 8(2), 388–397.
- 31. Failing, L., & Gregory, R. (2003). Ten common mistakes in designing biodiversity indicators for forest policy. *Journal of Environmental Management*, 68(2), 121–132.
- 32. Setty, R. S., K. Bawa, T. Ticktin, and C. M. Gowda. 2008. Evaluation of a participatory resource monitoring system for nontimber forest products: the case of amla (Phyllanthus spp.) fruit harvest by Soligas in South India. Ecology and Society 13(2): 19.
- 33. Morisette, J. T., Richardson, A. D., Knapp, A. K., Fisher, J. I., Graham, E. A., Abatzoglou, J., Wilson, B. E., et al. (2009). Tracking the rhythm of the seasons in the face of global change: phenological research in the 21st century. *Frontiers in Ecology and the Environment*, 7(5), 253–260.
- 34. Cleland, E. E., Chuine, I., Menzel, A., Mooney, H. A., & Schwartz, M. D. (2007). Shifting plant phenology in response to global change. *Trends in ecology & evolution*, *22*(7), 357–65.
- 35. R. Hillborn, CJ Walters, D. Ludwig. Sustainable Extraction of renewable resources. 1995. Annual Review of Ecology and Systematics. 26: 45-67.
- 36. Ascher, W. (2001). Coping with Complexity and Organizational Interests in Natural Resource Management. *Ecosystems*, 4(8), 742–757.
- 37. Berkes, F., Colding, J., & Folke, C. (2000). REDISCOVERY OF TRADITIONAL ECOLOGICAL KNOWLEDGE AS ADAPTIVE MANAGEMENT. *Ecological Applications*, *10*(5), 1251–1262.
- 38. Rist, L., Uma Shaanker, R., Milner-Gulland, E. J., & Ghazoul, J. (2010, August 18). The use of traditional ecological knowledge in forest management: an example from India. *Ecology and Society*.
- 39. Das Gupta, S., & Basu, R. S. (2012). *Narratives from the margins: aspects of adivasi history in India*. New Delhi: Primus Books.
- 40. Bhattacharya, S., & Indian Council of Historical Research. (2011). *Approaches to history: essays in Indian historiography*. New Delhi: Indian Council of Historical Research in association with Primus Books.
- 41. Sivaramakrishnan, K. (1999). *Modern forests: statemaking and environmental change in colonial Eastern India*. Stanford, Calif.: Stanford University Press.



- 42. Guha, R. (1983). Forestry in British and post-British India- a historical analysis. *Economic and Political Weekly, Vol. 18, N,* 1882–1896.
- 43. Xaxa, V. (2008). *State, society, and tribes : issues in post-colonial India*. New Delhi: Dorling Kindersley (India), licencees of Pearson Education in South Asia.
- 44. Véron, R., & Fehr, G. (2011). State power and protected areas: Dynamics and contradictions of forest conservation in Madhya Pradesh, India. *Political Geography*, *30*(5), 282–293.
- 45. Naughton-Treves, L., Holland, M. B., & Brandon, K. (2005). THE ROLE OF PROTECTED AREAS IN CONSERVING BIODIVERSITY AND SUSTAINING LOCAL LIVELIHOODS. *Annual Review of Environment and Resources*, *30*(1), 219–252.
- 46. Kothari, A., & Lasgorceix, A. (2009). Displacement and Relocation of Protected Areas: A Synthesis and Analysis of Case Studies. *Economic and Political Weekly, Vol XLIV*.
- 47. Cederlof, G., & Sivaramakrishnan, K. (2005). *Ecological nationalisms: nature, livelihoods, and identities in South Asia*. Delhi: Permanent Black.
- 48. Shahabuddin, G. (2007). *Making conservation work: securing biodiversity in this new century*. Ranikhet Uttaranchal ;Bangalore: Permanent Black; Distributed by Orient Longman.
- 49. Springate-Baginsky, O., Sarin, M., Ghosh, S., Dasgupta, P., Bose, I., & Banerjee, A. (2008). The Indian Forest Rights Act 2006: Commoning Enclosures?
- 50. BAWA, K. S., RAI, N. D., & SODHI, N. S. (2011). Rights, Governance, and Conservation of Biological Diversity. *Conservation Biology*, *25*(3), 639–641.
- 51. Menon, A. (2007). Engaging with the Law on Adivasi Rights. *Economic and Political Weekly*, 42(24), 2239–2242.
- 52. Macqueen, D., & Vermeulen, S. (n.d.). OPINION- climate change and resilience.
- 53. Chaudhary, P., & Bawa, K. S. (2011). Local perceptions of climate change validated by scientific evidence in the Himalayas. *Biology letters*, 7(5), 767–70.
- 54. Schröter, D., Polsky, C., & Patt, A. G. (2005). Assessing vulnerabilities to the effects of global change: an eight step approach. *Mitigation and Adaptation Strategies for Global Change*, *10*(4), 573–595.
- 55. Baviskar, A. (2004). *In the belly of the river: tribal conflicts over development in the Narmada Valley* (p. 308). Oxford University Press.
- 56. Menon, M. (2005). *Large Dams for Hydropower in Northeast India: A Dossier* (p. 226). Kalpavriksh.
- 57. Biswas, A. K. (2011). *Impacts of Large Dams: A Global Assessment.* Berlin: Springer.
- 58. Blaikie, P. (2007). *Forests, people and power: the political ecology of reform in South Asia*. London; Sterling VA: Earthscan.



Teaching methods

This course will be largely a reading and review course. Each class will begin with a short (\sim 25-30 min) lecture based on the readings given for the day, followed by a discussion. The course is structured so that students will have to not only read and discuss class-specific readings, they will also write an opinion piece (\sim 1000 words) by synthesizing readings over 4-week periods. Lastly, based on their synthesis of the entire course, students are expected to write a short (\sim 1500 words) term paper on a subject of their choice. This term paper will also have to be presented orally to the entire class.

Evaluation and Grading

Assessment	Writing	Writing	Writing	Term	Class
criteria	#1	#2	#3	paper	participation
Weightage (%)	20	20	20	30	10



Course Title	Comparative Perspectives in Economic History
Programme Title	M.A. Development
Mode, Level, Course Code	M1, L3, EHY 311
Course Type	ELECTIVE
Credits	4
Academic Year and Semester	2012 -13, IV
Course Development Team	Bhupender Yadav
Course Instructors	Bhupender Yadav

Rationale

Development hinges on economic growth. There has been remarkable material progress since the decline of Feudalism in the world. Beginning with European mercantile expansion in the Sixteenth century and the growth of industries since the 18th century, a thriving capitalist system has pushed the forces of production to new heights. Self-sufficient economies are a thing of the past and the world is integrated like never before.

The converse side of this phenomenal growth is colonial domination and social inequality. Europe was the engine of capitalist growth in the world but it also was the hub of colonialism. Colonialism resulted in not just economic stagnation but in the 'development of underdevelopment'. A comparative study of the impact of both capitalism and colonialism is possible in the economic history of countries like India.

From agriculture to industry and white-collar jobs, the range of livelihoods and opportunities available to humans has diversified in the 19th and the 20th century. The levels of prosperity have gone up tremendously but so have socio-economic inequalities. A study of the rise of capitalism under colonialism and also in Independent India shall reflect some of these paradoxes.

Aims/Objectives

- 1. Introducing the learners to the unprecedented economic growth experienced since the decline of Feudalism.
- 2. Increasing the awareness of the learners about how the main engines of capitalist growth and the hub of colonialism were intertwined since the 17th century.
- 3. Acquainting learners with the debate that whether capitalism and colonialism were caused by 'pluck' or by 'luck'.
- 4. Teaching learners about the changes in agriculture from self-sufficiency to commercialization since the colonial times.



- 5. Teaching learners about late start, slow pace and limited reach of industrialization in India and the role of different classes in this process.
- 6. Teaching learners about the expansion of the services sector, especially the creation of white-collar jobs and the knowledge industry since Globalization.

Syllabus

The course would include the following sub-units spread over four units.

TANA TANA						
UNIT	Description					
UNIT 1	1. Debate on Transition from Feudalism to Capitalism					
Capitalism,	2. Theories of Colonialism and its role in the making of					
Colonialism and	Capitalism					
Comparisons	3. Stages of Colonialism in India					
	4. Stages of Colonialism in Indonesia					
UNIT 2	5. Change in the nature of Land rights from medieval times					
	6. Land revenue systems of the British					
Agriculture and	7. Commercialization of Agriculture in colonial times					
its persisting	8. The Green Revolution and its mixed impact on peasants and					
importance	environment					
UNIT 3	9. De-industrialization in colonial times					
	10. Private industries of Indian old business elite: Textile and					
Industry: late	Iron & Steel					
start, slow pace	11. Planning and the Public sector industries for self-reliance					
and limited	12. New Indian Capitalists					
reach	13. The industrial working class					
UNIT 4	14. Liberalisation: From fiscal emergency to hegemonic					
Tertiary sector:	discourse					
the Myth and the	15. Foreign trade and the balance of payments problem					
Reality	16. Size of the Government and expenditure on it					
	17. Human capital formation and the IT industry					



Readings

Essential Readings:

UNIT 1

- Hilton, Rodney, "Introduction," *The Transition from Feudalism to Capitalism* South Asian Edition (New Delhi: Aakar Books, 2006): 2 30.
- Hilton, Rodney "Introduction," Ashton, T H and C H E Philpin (ed), The Brenner Debate: Agrarian Class Structure and Economic Development in Pre-Industrial Europe South Asian Edition (New Delhi: Cambridge University Press, 2005): 1 9.
- Chandra, Bipan, *Essays on Colonialism* (Hyderabad: Orient Longman, 1999): 58 114 (Chapter Three & Four).
- Mukherjee, Aditya, "Empire: How Colonial India made Modern Britain," *Economic and Political Weekly* Vol. XLV, No. 50, December 11, 2010:
- Maddison, Angus, "Dutch Income in and from Indonesia, 1700 1938," *Modern Asian Studies* Vol. 23, No. 4 1989:
- Habib, Irfan, "Colonization of the Indian Economy, 1757 1900," in idem. Essays in Indian History: Towards a Marxist Perspective (New Delhi: Tulika, 1996): 296 – 335.
- Bagchi, Amiya Kumar, *The Political Economy of Underdevelopment* (Hyderabad: Orient Longman, 1982): 69 -111 (Chapter Four on Colonialism in Asia).

UNIT 2

- Patnaik, Utsa, *The Long Transition* (New Delhi: Tulika, 1999): (Chapters on Commercialization of Agriculture, Tribute Transfer and Famine).
- Habib, Irfan, *Indian Economy, 1858 1914* (New Delhi: Tulika, 2007): 51 86 (Chapter on Agriculture).
- Hanumantha Rao, CH, "Agricultural Development and Ecological Degradation: An Analytical Framework," *Economic and Political Weekly* Vol. 23, No. 52 (Dec 24, 1988): A 142 – 146.
- Hanumantha Rao, CH, "Declining Demand for Food grains in Rural India: Causes and Implications," *Economic and Political Weekly* Vol. 35, No. 4 (Jan. 22, 2000): 201 206.
- Tomlinson, B R, The Economy of Modern India, 1860 1970 South Asian Edition (New Delhi: Cambridge University Press, 1998): 30 – 91 (Chapter 2 Agriculture, 1860 – 1950)



• Frankel, Francine R, *India's Political Economy*,1947 – 2004 Second Edition (New Delhi: Oxford University Press): 113 -55 (Chapter Four The Contradiction of Rapid Industrialization and Gradual Agrarian Reform).

UNIT 3

- Bagchi, Amiya Kumar, *Private Investment in India, 1900 1939* (Hyderabad: Orient Longman, 1972): 3 25.
- Damodaran, Harish, *India's New Capitalists: Caste, Business, and Industry in a Modern Nation* (Ranikhet: Permanent Black, 2008): 1 7, 311 318.
- Habib, Irfan, *Indian Economy*, 1858 1914 (New Delhi: Tulika, 2007): 92 124 (Relevant parts of chapter on Industry).
- Patel, Sujata, *The Making of Industrial Relations: The Ahmedabad Textile Industry,* 1918 1939 (Delhi: Oxford University Press, 1987): 1 9, 137 9.
- Prabhat Patnaik, "An Explanatory Hypothesis on the Indian Industrial Stagnation," in Amiya Bagchi and Nirmala Banerjee (eds.), *Change and Choice in Indian Industry* (Centre for Studies in Social Sciences, Calcutta and K.P. Bagchi & Co., Calcutta and New Delhi, 1981): 65-89.
- Prabhat Patnaik, "P.C. Mahalanobis and the Theory of Development Planning," in Prabhat Patnaik, *Whatever Happened to Imperialism and Other Essays* (New Delhi: Tulika, 1995): 107-119.
- Ray, Rajat K., Industrialization in India: Growth and Conflict in the Private Corporate Sector, 1914 47 (Delhi: Oxford University Press, 1979): 210 233 (Chapter 4 on "Demand Limitations and Supply Constraints on Private Investment in India").
- Roy, Tirthankar, *The Economic History of India, 1857 1947* Second Edition (Delhi: Oxford University Press, 2006): 223 64 (Chapter Seven).
- Roy, Tirthankar, *Traditional Industry in the Economy of Colonial India* (Cambridge: Cambridge University Press, 1999).
- Tomlinson, B R, *The Economy of Modern India, 1860 1970* South Asian Edition (New Delhi: Cambridge University Press, 1998): 92 148 (Relevant parts of chapter on Industry).

UNIT 4

- Bhagwati, Jagdish, *In Defence of Globalisation* (New Delhi: Oxford University Press, 2004)
- Chaudhri, K N, "Foreign Trade and Balance of Payments, 1757 1947," in Dharma Kumar (ed.), *Cambridge Economic History of India, Volume II, 1757 1970* (Hyderabad: Orient Longman, 1983)



- Hanumantha, Rao, B B Bhattacharya & N S Siddharthan (eds), *Indian Economy* and Society in the Era of Globalisation and Liberalisation: Essays in Honour of A M Khusro (New Delhi: Academic Foundation, 2004)
- Karnik, Kiran, *The Coalition of Competitors: The Story of Nasscom and the IT Industry* (NOIDA: Collins Business, 2012): 20 71.

Teaching methods

- Lectures by Course Instructor complemented by discussion on pre-decided readings on a regular basis.
- Group presentation once on chosen themes like the debate on the transition from feudalism to capitalism or the role of colonialism in the making of capitalism.
- Introduction to themes in economic history through an analysis of policy documents or research articles.

Evaluation and Grading

Criteria	Weightage (%)
Classroom participation and attendance	20
Group presentation on chosen theme	20
Analysis of literature (including book and seminal essay) or	15
economic policy document	
Term paper on specific issue to be chosen in consultation with the	15
Course Instructor	
End-semester exam	30



Course Title	Coastal Zone Livelihoods and Sustainable Management
Programme Title	M.A. Development
Mode, Level, Course Code	M1, L3, CZL 311
Course Type	ELECTIVE
Credits	4
Academic Year and Semester	2012 -13, IV
Course Development Team	John Kurien
Course Instructors	John Kurien

Rationale

This elective must be viewed as a "take off" from the **Ecology and Development 2012** which is offered as a compulsory course in Semester 1. The coastal zone is the tail-end ecosystem of the country - a unique, dynamic, terrestrial and aquatic interface. A significant and increasing share of the GDP of the country is today being generated on the land and seaward components of the coastal zone. Many big cities and towns are already located there. The prospecting for oil, gas, ocean energy and ocean mineral resources; new emerging industries such as petro-chemicals; rapid infrastructure development such as ports; nuclear and defense establishments and numerous service sector activities, in particular tourism are expanding to the coast zone. There are growing conflicts and contests between these new entrants and those who pursued traditional livelihoods on the coastal zone. The coastal zone is also more prone to unpredictable natural disasters. Given that most of the discussions on ecosystems in India are largely agrarian and terrestrial oriented; the merit of this elective is that it will highlight the economic, social and cultural significance of the coastal zone -- where aquatic concerns dominate, and where communities, which are among the poorest in our country, eke out a livelihood.

Objectives

The main objectives of the course is to provide students with a holistic appreciation of the ecological dimensions of the coastal zone; the nature of livelihood pursuits of coastal communities; the dynamics of the economic, technological, social and cultural dimensions of the development processes taking place; and the conflicts between traditional and modern actors. Based on this input they should be able to make nuanced judgments regarding the rights, management and governance possibilities. At the end of the course the students are expected to be in a position to suggest practical measures for ensuring just, participatory and sustainable management and governance initiatives on the coastal zone.



Syllabus

Unit	Description	
Understanding the Coastal Zone	 Terrestrial-aquatic interface: (visible and the invisible milieu; constant dynamic interaction; unpredictable fuzzy interface) What's special?: (Tail-end eco-system; recipient of all terrestrial pollution; high natural productivity and biodiversity; temperate-tropical differences; more prone to natural hazards; terrestrial component with highest human density) Understanding the 'invisible ecological dynamics' of the aquatic terrain (the milieu is not visually observed and hence the problems and potentials are often ignored) Impact of the above coastal zone specifics on socio-cultural dimensions and techno-economic developments (e.g the manner of technology diffusion) Understanding (property)rights on the coastal zone – dilemmas of open access and common property in the context of a global-local framework (building also on learning from E&D 2012 course) 	
Coastal Communities: Livelihoods and Future	 Who they are (History; religion; caste; ethnicity) What they do (Occupational diversity –fishery, fish processing, salt making, aquaculture etc) How they are organised: class, labour and gender relations (Who owns? Who knows? Who works? How are gains distributed?) How they fare socio-economically (Income levels; HDI) How they compare. Are they outliers? (Worse of than inland communities? Reasons?) Will they survive? (Resilience issues; disaster management; development refugees) 	
Claims and Contests on the Coasts	 New claims on the coastal zone (Shifting of GDP generation to the coast – ports, industry, tourism, defense, energy etc) Impact of greater natural hazards and disaster 	



proneness (cyclones, storms, tsunamis and climate changes) Impacts of destructive fishing (the trawling controversy) Conflicting claims and rights (cross border fishing conflicts; conflicts over marine conservation zones etc) Impact on 'traditional' pursuits (wither fishing and other coastal pursuits?) People's struggles (Fisherfolk struggles of 1980s; Anti-Nuclear Struggles, Coastal Marches) Development of legal regimes (*Marine Fisheries* Resources Acts, Coastal Regulation Zone etc) Sustainable Management Legal pluralism and the coastal zone (How to Responsible and handle it) **Governance of the Coastal** Coastal Regulation Zone Act and controversies (Is Zone *it the end of the road?)* Responsible Governance of Fisheries: From MFRA to UNCLOS (Need for a mirco-global perspective) Integrated Coastal and Ocean Zone Management (A holistic perspective) Rights and tenure for small-scale operators (new approaches for governance) Negotiating co-management (partnering of state and community)



Readings

[(M) = Essential [A] = Supplementary]

<u>Understanding</u>

- Odum E.P, 1975: Major Ecosystems of the World in Ecology (Chapter 7), Oxford & IBH, New Delhi **(M)**
- Subramanium S, 2010: Following Fish: Travels Around the Indian Coast, Penguin
- Venkataraman K & Wafar M, 2005: Coastal and Marine Biodiversity of India in *Indian Journal of Marine Sciences*, Vol 34 (1) pp 57-75 **(A)**
- Wafar M et al 2011: State of Knowledge of Coastal and Marine Biodiversity on Indian Ocean Countries, in *PlosOne* Vol 6 (1) 1-12 (www.plosone.org)
- Nichold WJ et al, 2010: Biodiversity, Function and Interconnectedness: A Revolution in Our Understanding of Marine Ecosystems and Ocean Conservation in Grafton R.Q (ed) Handbook of Marine Fisheries Conservation and Management, Oxford University Press (M)
- Nandakumar D & Nayak N 2012: Coastal Fisheries in India: Current Scenario, Contradictions and Community Responses in Grafton R.Q (ed) Handbook of Marine Fisheries Conservation and Management, Oxford University Press (M)
- Kurien J, 2001: People and the Sea: A "Tropical-Majority" World Perspective, MAST, Amsterdam (A)
- Kurien J, 1999: Diffusion as a Process, *Review of Development & Change*, Vol 1 (2), MIDS Chennai
- Kurien J, 1998: Property Rights, Resource Management and Governance: Crafting an Institutional Framework for Global Marine Fisheries, CDS/SIFFS Publication, Trivandrum (M)

Communities and Livelihoods

- Svein Jentoff (ed), 2011: Poverty Mosaics: Realities and Prospects in Small-Scale Fisheries, Springer, USA
- McGoodwin James (1995): Crisis in the World's Fisheries: People, Problems and Policies, Stanford University Press, California
- Kurien J, 1998: Traditional Ecological Knowledge and Ecosystem Sustainability: New Meaning to Asian Coastal Proverbs, *Ecological Applications*, Vol 8(1) Supplement, Washington **(A)**
- Kurien J, 2007: The Blessing of the Commons: Small Scale Fisheries, Community Property Rights and Coastal Natural Assets, in James K Boyce & Sunita Narain



- (ed) Reclaiming Nature: Environmental Justice and Ecological Restoration, Anthem Press, London, 2007
- Kurien J, 2000: The Kerala Model: Its Central Tendency and the "Outlier", in Kerala: The Development Experience, Parayil G (Ed) Zed Press, London (M)
- Greenpeace 2012: Safeguard of Squander? Deciding the future of India's Fisheries, Greenpeace India Society, Bangalore (A)
- Greenpeace 2012: Licensed to Loot, Greenpeace India Society, Bangalore
- ICSF 2010: Enhancing Women's Roles in Fisheries in India, ICSF Chennai (A)

Contested Coasts

- Gupta C & Mukul S 2008: Contested Coastline, Routledge, New Delhi
- Nandakumar D et al, 1998: Mapping the Extent of Coastal Regulation Zone Violations of the Indian Coast, National Fishworkers Forum, New Delhi
- Kurien J & Achari TRT 1990: Overfishing along Kerala Coast: Causes and Consequences, in D'Souza R (ed), 2012 Environment, Technology and Development: Critical and Subversive Essays, Orient BlackSwan
- Sinha S, 2012: Transnationality and the Indian Fishworkers' Movement, 1960-2000 in *Journal of Agrarian Change* Vol 12 No 2/3 pg 364-389] **(M)**
- Watling L & Norse EA, 1988: Disturbance of the seabed by mobile fishing gear: A Comparison to forest clearcutting in *Conservation Biology* 12 (6) 1365-1369
- Campling L et al 2012: The Political Economy and Ecology of Capture Fisheries: Market Dynamics, Resources Access and Relations of Exploitation and Resistance in *Journal of Agrarian Change* Vol 12 No 2/3 pg 177-203
- Perspectives, 2012: Swimming against the Tide: Coastal Communities and Corporate Plunder in Kutch, *Economic and Political Weekly* Vol 47 No 29, 12-17
 (M)
- V. Vivekanandan and Maarten Bavinck, 2009: Conservation, conflict and the governance of fisher wellbeing – Analysis of the introduction of the Gulf of Mannar National Park and Biosphere Reserve, Institute of Development Studies, Sussex (A)
- Kurien J, 2005: Tsunamis and a Secure Future for Fishing Communities, *Ecological Economics* 55 (2005) Pg 1-4 October 2005 (A)
- Srikant Patibandia, 2009: Koodankulam Anti-Nuclear Movement: A Struggle for Alternative Development, ISEC Working Paper 232, Bangalore

Management and Governance

• Hanna S, 1999: Strengthening Governance of Ocean Fishery Resources, in *Ecological Economics* 31 (1999), 275-286



- Bavinck M, 2001: Coastal Panchayats and the Regulation of Fisheries Along Tamilnadu's Coromandal Coast in *Economic and Political Weekly*, Vol 36 (13) (M)
- Sharma C, 2011: CRZ Notification 2011: Not the End of the Road in Economic and Political Weekly Vol 46 No 7, Pg 31-36 **(M)**
- Menon, M, Rodriguez S and Sridhar A, 2007. Coastal Zone Management Notification '07 Better or bitter fare? ATREE, Bangalore. pp 31.
- Ratana Chuenpagdee(ed), 2011: World Small-Scale Fisheries: Contemporary Visions, Eburon, Amsterdam, 2011
- Pomeroy R and Berkes F, 1997: Two to Tango: The Role of Government in Fisheries Co-Management, in *Marine Policy* Vol 21 (5) 465-480 **(M)**
- Pomeroy R et al: Fisheries Co-management: Key Conditions and Principles Drawn from Asian Experiences, ICLARM, Philippines (A)
- FAO/UN 2012: Voluntary guidelines on the responsible governance of tenure of land, fisheries and forests in the context of national food security
- FAO/UN 2012: International Guidelines for Securing Small-Scale Fisheries (Zero Draft) FAO/UN Rome
- ICSF 2006: International Legal Instruments Relevant to Fisheries and Fishing Communities: A Handbook, ICSF, Chennai (www.icsf.net)
- World Humanity Action Trust 2000: Fishing for the Future: Report of the Global Commission on Fisheries Resources, WHAT Publications, London

Website to be consulted:

INTERNATIONAL COLLECTIVE IN SUPPPORT OF FISHWORKERS (ICSF) WWW.ICSF.NET

Teaching Methods

The teaching methods to be adopted will be a combination of (1) introductory lectures on each of the course segments followed by an appropriate mix of (2) discussions based on audio-visual presentations (3) case study analysis and (4) panel discussions.

Evaluation and Grading

Criteria	Weightage (%)
Term Paper	50
Presentation and discussions during the panel discussion. They	50
will be judged by the other members of the class (25/50) and	
the course instructor (25/50) based on a set of evaluation	
criteria.	

