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LIST OF THE PAPERS OF JAYANTA BANDYOPADHYAY

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Bio-data

Jayanta Bandyopadhyay (b. 31 December 1947)

Jayanta Bandyopadhyay, a professor, environmentalist and author, born on 31 December 1947 at Kolkata; received Master of Technology in 1969 and Ph. D in 1975, Indian Institute of Technology, Kanpur; Assistant Professor, Science and Policy Unit, ASCI, Hyderabad, 1976; visiting post-doctoral fellow, MIT Center for International Studies, Cambridge, 1977; Assistant Professor, Indian Institute of Management, Bangalore, 1977-87; Project Director, Doon Valley Ecosystems Study, Dehradun, 1984-85; Member, UNESCO expert group, Future of Planet Earth; Senior Professional Staff, International Centre for Integrated Mountain Development, Kathmandu, 1987-92; Professor and Head, Centre for Development and Environment Policy, Indian Institute of Management, Calcutta, 1997-2012; Independent Expert, Science and Environment and Policy Adviser in Water Diplomacy, Tufts University, USA, 2013-14; Visiting Professor, Centre for Studies in Science Policy, JNU, New Delhi; 2015.

His publications include *Science and Technology in the Asia-Pacific Region*, *India's Environment: Crises and Responses*, *Water, Ecosystems and Society: A Confluence of Disciplines*, *The Indian Sundarbans Delta: A Vision*, etc.

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LIST OF THE PAPERS OF JAYANTA BANDYOPADHYAY

I Correspondence

<u>S.No</u>	<u>From/To</u>	<u>Name of the Correspondent/Date</u>	<u>No. of Pages</u>	<u>Remarks</u>
1	2	3	4	5
		<u>Das Munshi, P.R.</u>		
1.	To	24 June, 2004	1	
		<u>Preci, Sabine</u>		
2.	From	16 September, 1993	1	
		<u>Rhodes, Robert</u>		
3.	From	19 December, 1993	1	
		<u>Thomas, C.J.</u>		
4.	From	14 June, 2006	1	
5.	From	30 March, 2007	1	

II Subject Files

<u>S.No</u>	<u>Description</u>	<u>Period</u>	<u>Remarks</u>
1	2	3	4
1.	Papers and press clippings relating to the Supreme Court's decision on limestone quarrying in the Doon Valley from <i>The Himachal Times</i> , <i>The Hindu</i> , <i>The Times of India</i> , etc.	1983	
2.	Writ petitions and other papers relating to Supreme Court's hearing on limestone quarrying in Doon Valley	1983-84	
3.	Papers, correspondence and press clippings relating to the Tehri Dam and other projects situated in the Himalayan Region. Includes a Geomorphical Appraisal of the Tehri Dam Reservoir Rim and its surrounding area prepared by the Wadia Institute of Himalayan Geology, Dehradun, an Environment Appraisal of the Multipurpose Tehri Dam Project (Ministry of Environment and Forests report), declaration of the Save Himalaya Movement, etc.	1983-84	
4.	Miscellaneous papers, photographs and press clippings relating to mining in the Doon Valley	1984-85	
5.	Papers relating to hydropower projects and dams. Includes an article on 'New Trends in the Development of Hydropower Projects in India' by V. Khera and Major Singh, 'Asserting the	1988-2001	

- contd. Rights of the Toiling Peasantry for Water Use: The Movement of the Dam Oustees and the Drought Affected Toilers in South Maharashtra' by Bharat Batankar and Anant Phadke, *A Cultural Survival Journal on Hydroelectricity Dams*, etc.
6. Papers relating to the World Bank Workshop on Large Dams 1989
7. Papers relating to the Sardar Sarovar Dam. Includes an issue of *Kalpavriksh* relating to the environmental aspects of the dam, an Asia Watch note on human rights abuses in the project and a report on the major concerns relating to the project 1991-94
8. Papers relating to conservation of biodiversity in Uttar Kannada. Includes an article entitled 'A Strategy for conserving the Biodiversity of Uttar Kannada : A District in South India' by R.J. Ranjit Daniels, M.D. Subash Chandran and Madhav Gadgil, etc. Undated

III Speeches/ Writings by him

<u>S.No</u>	<u>Description</u>	<u>Period</u>	<u>Remarks</u>
1	2	3	4
A	<u>Articles on the Chipko Movement</u>	1986-99	
1.	'The Evolution, Structure and Impact of the Chipko Movement' – Vandana Shiva and Jayanta Bandyopadhyay	1986	Published in <i>Mountain Research and Development</i>

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|----|--|-----------|---|
| 2. | 'Political Economy of Ecology Movements' | 1988 | Published in <i>Economic and Political Weekly</i> |
| 3. | 'Chipko's Triumph Extends Beyond the Forest' | 1993 | Published in <i>Down to Earth</i> |
| 4. | 'Chipko Movement: of Floated Myths and Flouted Realities' | 1999 | Published in <i>Economic and Political Weekly</i> |
| 5. | 'Chipko: Rekindling India's Forest Culture'- an article | Undated | Published in <i>The Ecologist</i> |
| B | <u>Articles on Water Systems Management</u> | 1986-2012 | |
| 6. | Articles by Jayanta Bandyopadhyay relating to water systems management. Includes 'Adoption of New and Holistic Paradigm is Precondition for Integrated Water Management in India', 'Water Systems Management in South Asia: Need for a Research Framework', etc. | 1986-2008 | |
| 7. | Papers and press clipping articles on rivers and projects from <i>The Telegraph</i> , <i>The Hindu</i> , etc. | 2004 | |
| 8. | Articles relating to the interlinking of rivers. Includes 'Doubts over the Scientific Validity of the Justifications for the Proposed Interlinking of Rivers in India', etc. | 2004-12 | |
| 9. | Integrated Water Systems Management in South Asia: A Framework for Research | 2006 | |

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| 10. | 'Criteria for a Holistic Framework for Water Systems: Management in India' (<i>Integrated Water Resources Management</i>) - a chapter | Undated |
| 11. | 'Highland Waters- A Resource of Global Significance' | Undated |
| C | <u>Articles Relating to the Limestone Quarrying Issue in the Doon Valley</u> | 1984-87 |
| 12. | 'Planning for Underdevelopment : The Case of Doon Valley'- Jayanta Bandyopadhyay and Vandana Shiva | 1984 |
| 13. | 'The Conflict over Limestone Quarrying in Doon Valley, Dehradun, India'- Jayanta Bandyopadhyay | 1985 |
| 14. | 'Devastating the Doon Valley' | 1987 |
| 15. | 'The Doon Valley Ecosystem: A Report on the Natural Resource Utilisation in the Doon Valley' | Undated |
| D | <u>Articles on Dams</u> | 1990-2009 |
| 16. | Printed article on 'Tehri Dam: Challenge Before the NF Government'- Jayanta Bandyopadhyay | 1990 |

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|-----|---|-----------|--|
| 17. | Article on 'South Asia Needs Good Dams, Not Useless Debate on Big Dams or Small' | 1998 | |
| 18. | 'A Critical Look at the Report of the World Commission on Dams in the Context of the Debate on Large Dams on the Himalayan Rivers' | 2002 | |
| 19. | Papers relating to dams. Includes a report on 'Holistic Engineering and Hydro-diplomacy in the Ganges-Brahmaputra - Meghna Basin' by Jayanta Bandyopadhyay and Nilanjan Ghosh, 'Sustainability of Big Dams in the Himalayas' , etc. | 2009 | Published in
<i>Economic and Political Weekly</i> |
| E | <u>Articles on Sustainable Development</u> | 1979-2004 | |
| 20. | 'Agricultural Economy of Kumaon Hills | 1979 | Published in
<i>Economic and Political Weekly</i> |
| 21. | Chapters on Himalayan Water Resources: Ecological and Political aspects of Management and People - Forest Interaction: A Neglected Parameter in Himalayan Forest Management (<i>Mountain Research and Development</i>) | 1986,1994 | |
| 22. | ICIMOD occasional paper on Natural Resource Management in the Mountain Environment | 1989 | |
| 23. | 'Mountain Development, Plains' Bias' (<i>HIMAL</i>) | 1990 | |

24. 'The Himalaya: Prospects for and Constraints on Sustainable Development' 1992
25. 'From Environment Conflicts to Sustainable Mountain Transformation: Ecological Action in the Garhwal Himalaya' by Jayanta Bandyopadhyay - a chapter from the book *Grassroots Environmental Action: People's Participation in Sustainable Development*. 1992
26. Article on 'Sustainability and Survival in the Mountain Context' 1992 Published in *AMBIO: Journal of the Human Environment*
27. 'On the Perceptions of Mountain Characteristics' (World Mountain Network newsletter) 1992
28. Centre for Development and Environment Policy paper on 'Moving the Mountains up in the Global Environmental Agenda' – Jayanta Bandyopadhyay and Shama Parveen 2004
29. 'Emergence of and Future Steps for Sustainable Mountain Development in the Global Environmental Agenda'- Jayanta Bandyopadhyay and Shama Parveen 2004

F	<u>Miscellaneous Articles</u>	1969-2012	
30.	Technical notes prepared by Jayanta Bandyopadhyay and others relating to various topics. Includes a copy of Low Temperature Lattice Parameters of Al and Al-Zn alloys and Gruneisen parameter of Al, Low Temperature Lattice Parameter of some Ni rich Ni-Fe alloys, etc.	1969-83	
31.	'The Large and Fragile Community of Scientists in India' – Jayanta Bandyopadhyay and Vandana Shiva	1980	
32.	'Participatory Research and Technology Assessment by the People' – Vandana Shiva and Jayanta Bandyopadhyay	1981	
33.	'Afforestation in India : Problems and Strategies' – Vandana Shiva, Jayanta Bandyopadhyay and N.D. Jayal	1985	
34.	'Eucalyptus in Rain-fed Farm Forestry: Prescription for Desertification' – Jayanta Bandyopadhyay and Vandana Shiva	1985	
35.	'Environmental Conflicts and Public Interest Science'.	1986	
36.	'Tall Claims: Social Forestry in Shambles'	1987	
37.	'Homework on Global Summit'	1995	Published in <i>Down to Earth</i>
38.	'Water Towers of the World'	1996	

39.	Article on the statehood of Uttaranchal	2000	Published in <i>The Hindustan Times</i>
40.	'Between Local and Global Responsibilities'	2002	
41.	'Unsound Investment on Uncertain Knowledge'	2005	Published in <i>Sahara Time</i>
42.	'B-Schools and IIMs, Its all Getting Blurred'	2006	Published in <i>Tehelka</i>
43.	'Uncertainty, Unclear Risks and Compromised Commitments'	2009	
44.	Press clipping article on Global Warming	2009	Published in <i>The Telegraph</i>
45.	'A Nobel for Commons: A Tribute to Elinor Ostrom'	2009	Published in <i>Economic and Political Weekly</i>
46.	Press clipping article on the Copenhagen Accord	2009	
47.	'The Uncertain Science and Complex Politics of Global Warming'	2010	
48.	'Beyond the Global Warming Imbriglio'	2010	
49.	Article on nuclear power and the issue of energy	2011	Published in <i>The Telegraph</i>
50.	'Deciphering Environmental Flows'- an article	2011	

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| 51. | Press clipping article on the 'Draft National Water policy' | 2012 | |
| 52. | 'Studying Climate Change in India' | 2012 | Published in <i>Economic and Political Weekly</i> |
| 53. | 'Political Challenge of an Intensifying Conflict over Land' | 2012 | Published in <i>Economic and Political Weekly</i> |
| 54. | Article relating to the issue of land acquisition | 2012 | Published in <i>The Telegraph</i> |
| G | <u>Book Reviews</u> | 2001-2004 | |
| 55. | Review of the book <i>Water First: Issues and Challenges for Nations in South Asia</i> | 2001 | |
| 56. | Book review by Jayanta Bandyopadhyay of <i>A New Moral Economy for India's Forests? Discourses for Community and Participation</i> by Roger Jeffery and Nandini Sundar | 2001 | |
| 57. | Review of the book <i>International Equity and Global Environmental Politics : Power and Principles in US Foreign Policy</i> | 2004 | |
| 58. | Review of the book <i>Quantity vs Quality in Science Literature</i> by Vandana Shiva and Jayanta Bandyopadhyay | Undated | |

IV Speeches/Writings by others

<u>S.No</u>	<u>Description</u>	<u>Period</u>	<u>Remarks</u>
1	2	3	4
1.	'Localities of Great Significance to Conservation of India's Biological Diversity' by Madhav Gadgil and V.M. Meher - Homji	1986	
2.	Changes in the Bird Fauna of Uttara Kannada, India, in Relation to Changes in Land Use over the Past Century by R.J. Ranjit Daniels, N.V Joshi and Madhav Gadgil.	1990	Chapter from Biological Conservation
3.	'Conserving India's Biodiversity: The Societal Context' by Madhav Gadgil	1991	
4.	'Biodiversity: Harvest to Conserve' by Uma Shankar and M.L. Khan	1997	
5.	'Forests in Garhwaland the Construction of Space (The Social Construction of Indian Forests) by Antje Linkenbach	1998	
6.	'Basic Problems of Sundarban: An Introduction' by Tushak Kanjilal	1998	
7.	Press clippings and printed articles from <i>Outlook</i> related to dams and the consequences of constructing one	1998-99	
8.	'Ecodevelopment in Practise: Buxa Tiger Reserve and Forest People' by B.G. Karlsson	1999	Published in <i>Economic and Political Weekly</i>

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|-----|---|---------|---|
| 9. | 'Protected Area Network in Indian Himalayan Region: Need For Recognising Values of Low Profile Protected Areas (Current Science)' by Ranbeer S. Rawal and Upendra Dhar | 2001 | |
| 10. | 'Biodiversity and Emerging Benefit Sharing Arrangements – Challenges and Opportunity for India' by P. Pushpangadan | 2002 | |
| 11. | Articles relating to the interlinking of rivers | 2002-03 | Also see
Speeches/
writings by him
S. No 8 |
| 12. | 'An Appeal for Independent Technical Review of the World Bank Funded Narmada Project' by Ashvin Shah | Undated | |
| 13. | Chapter on 'The Anti-Dam Movement and Rehabilitation Policy' by S. Parasuraman | Undated | |
| 14. | 'Conservation and Utilization of our Medicinal Plants' by Rajendra Gupta | Undated | |
| 15. | 'Respecting, Rewarding and Rejuvenating / Augmenting Indigenous Knowledge, Innovations and Practices for Conservation of Biodiversity' by Anil K. Gupta and Artad Pastakia. | Undated | |

V Printed Material

<u>S.No</u>	<u>Description</u>	<u>Period</u>	<u>Remarks</u>
1	2	3	4
1.	Report on 'Operational Research Project (Watershed Management)'	1978	Indian Council of Agricultural Research report
2.	'Victims of Ecological Ruin: Mining, Environment and People (A Case Study of Doon Valley)'	1983	
3.	An issue of <i>The Illustrated Weekly of India</i>	1984	
4.	Booklets of Sundarlal Bahuguna including 'Yes' to Life : 'No' to Death', 'Himalaya from Disaster to Survival', etc.	1990-93	
5.	Booklets, pamphlets, brochures, newsletters etc. relating to animal welfare and preservation. Includes pamphlets of Animal Welfare Board of India, a journal of Beauty without Cruelty, volumes of <i>Environ</i> , <i>Excalibur</i> - the newsletter of People for Animals - Calcutta, World Wide Fund's edition on Tracking Tigers, etc.	1990 - 2003	
6.	A copy of <i>Manushi</i> - A journal about Woman and Society	1992	
7.	Copies of the delegates conferences of Barh Mukti Abhiyan, Bihar.	1992-01	

8.	'Major Conservation Issues of the 1990s: Results of the World Conservation Congress Workshops'	1996	An IUCN report
9.	Printed material relating to plant diversity and resources	1996-01	
10.	'Fresh Water for India's Children and Nature'	1998	A UNICEF/WWF report
11.	Booklets relating to the Alipurduar Nature Club	1999-01	
12.	Conservation and Livelihoods Network	2001	A booklet related to the 5 th National Consultation on Wildlife Conservation and People's Livelihood Rights
13.	Chapters from <i>Ecosystems and Human Well-being, Volume 3</i>	2005	
14.	Bengali journals	Undated	
15.	Hindi journals	Undated	

VI Other Papers

<u>S.No</u>	<u>Description</u>	<u>Period</u>	<u>Remarks</u>
1	2	3	4
1.	Copies of the Prevention of Cruelty to Animals Act	1960	
2.	Booklets of the Indian Institute of Management, Bangalore, relating to Science in India and Social, Economic and Ecological Impact of Social Forestry in Kolar	1980-81	
3.	Papers relating to Federation Hall Society	1989-91	Annual reports and balance sheets
4.	Chapter on 'Managing Fragile Ecosystems: Sustainable Mountain Development' from Agenda 21 of the United Nations Programme of Action from Rio	Undated	