

LIST OF PUBLICATIONS

Journal Articles

1. Walter Leal Filho, M Balasubramanian, Ariel and Javier (2023) The effects of climate change on Children's education attainment, Sustainability (15), 6320, pp 1-12. 2023, <https://doi.org/10.3390/su15076320>
<https://www.mdpi.com/2071-1050/15/7/6320>
2. Balasubramanian M (2023) Economics of Recreational Ecosystem Services: Application of Individual Travel Cost Method from Nandhi Hills Forest in Karnataka, Indian Forester 149 (3), pp 287-291. DOI: 10.36808/if/2023/v149i3/156341
3. Balasubramanian M and Sangha KK (2023) Valuing ecosystem services applying indigenous perspectives from a global biodiversity hotspot, the Western Ghats, India. Front. Ecol. Evol. 11:1026793. doi: 10.3389/fevo.2023.1026793.
4. Balasubramanian M (2022) Economic Value of Wildlife Sanctuary A Case Study form the Western Ghats in Karnataka, Indonesian Journal of Forestry Research, Vol 9 (2) pp 239-249. <http://doi.org/10.20886/ijfr.2022.9.2.239-249>
5. Guenat Solene, Phil Purnell, Zoe G. Davies, Maximilian Nawrath, Lindsay C Stringer, G R Babu, M Balasubramanian et al (2022) Meeting Sustainable Development Goals via Robotics and Autonomous Systems, Nature Communications (Nature); 13 (1) (3559)
<http://doi.org/10.1038/s41467-022-31150-5>
6. Walter Leal Filho, M Balasubramanian, Wendy Purcell and Shlomit Paz (2022) Handling the Health Impacts of Extreme climate events, Environmental Sciences Europe,(Springer) 34:45, pp 1-5 <https://doi.org/10.1186/s12302-022-00621-3>
7. Balasubramanian M (2021) Forest Ecosystem Services contribution to food security of vulnerable group: a case study from India" Environmental Monitoring and Assessment ,193, 792 10.1007/s10661-021-09528-7 (Springer)
8. Balasubramanian M (2021) Forest Ecosystem Services contribution in the Sustainable Development Goals: A case study from the Western Ghats Region in Karnataka, Indian Forester, 147 (4):339-345, DOI: 10.36808/if/2021/v147i4/151584.
9. Balasubramanian M and Kamaljit K Sangha (2021) Integrating Capabilities and Ecosystem Services Approaches to evaluate Indigenous connections with nature in a global biodiversity hotspot of Western Ghats, India, Global Ecology and Conservation, e01546 (Elsevier) doi.org/10.1016/j.gecco.2021.e01546.
10. Balasubramanian M (2021) The Value of Recreational Ecosystem Services in India, Environmental Sciences Proceedings, MDPI, 3 (1) pp 1-10. doi.org/10.3390/IECF2020-08030.

11. Balasubramanian M (2020) Valuation of Ecosystem Services and their impacts for Accounting for Natural Capital in Karnataka, Aarthika Charche: FPI Journal of Economics and Governance, Volume 5(1) pp:59-72.
12. Balasubramanian M, (2019) Economic Value of Regulating Ecosystem Services: A comprehensive at the global level Review, Environmental Monitoring and Assessment (Springer) Vol 191:616. pp 1-27.
13. Umanath M, M Balasubramanian and Paramasivam (2019) Does current dietary pattern ensure nutritional security?, Novel Techniques in Nutrition and Food Sciences, 3 (5) pp 1-3.
14. Balasubramanian M (2018) Climate Change, famine, and low-income communities Challenge Sustainable Development Goals, The Lancet Planetary Health (Elsevier) Vol 2 No 11 pp e421-e422.
15. Balasubramanian M (2018) Municipal Solid Waste Management in India: Status, Problems and Challenges, International Journal of Environment and Waste Management Vol. 21, No. 4, pp 253-268.
16. Balasubramanian M (2017) Inclusive Wealth Accounting for South Asia: Measuring towards Sustainability, International Journal of Environment and Sustainable Development Vol. 17. No. 1, pp 36-55.
17. Nautiyal Sunil, Babu, MS, Baksi S. (2017). Climate change and impact: a case study from BRTTR. Application of Remote Sensing and GIS in Indian Scenario with special reference to agriculture and forestry. 1: 81-93.
18. Nautiyal Sunil, Schaldach, R., Raju KV, Kaechele, H., Pritchard B., Rao. KS (2016). Climate Change Challenge (3C) and Social-Economic-Ecological Interface-Building: Exploring Potential Adaptation Strategies for Bio-resource Conservation and Livelihood Development - PROLOGUE. Springer International Publishing Switzerland. pp 1-8.
19. Rao M S, Ravikumar G., Triveni P.R., Rajan V S and Nautiyal Sunil(2016). Analysis of Policies in Sustaining Sandalwood Resources in India. In: Nautiyal et al., Climate Change Challenge (3C) and Social-Economic-Ecological Interface-Building Exploring Potential Adaptation Strategies for Bio-resource Conservation and Livelihood Development. Springer International Publishing Switzerland. pp 327-346.
20. Nautiyal Sunil, Schaldach R. (2016). Research approach to analyse climate change impacts in rural regions of India and to explore potential adaptation strategies for biodiversity conservation and livelihood development. In: Nautiyal et al., Climate Change Challenge (3C) and Social-Economic-Ecological Interface-Building Exploring Potential Adaptation Strategies for Bio-resource Conservation and Livelihood Development. Springer International Publishing Switzerland. pp 561-579.
21. Nautiyal Sunil, Kaechele H. Zander P and Rao, KS (2016). Socioeconomic and ecological modeling for sustainable landscape management in Indian Himalayan perspective. In: Nautiyal et al., Climate Change Challenge (3C) and Social-Economic-Ecological Interface-Building Exploring Potential Adaptation Strategies for Bio-resource Conservation and Livelihood Development. Springer International Publishing Switzerland. pp 597-628.

22. Nautiyal Sunil, Schaldach, R., Raju KV, Kaechele, H., Pritchard B., Rao. KS (2016). Climate Change Challenge (3C) and Social-Economic-Ecological Interface-Building: Exploring Potential Adaptation Strategies for Bio-resource Conservation and Livelihood Development - EPILOGUE. Springer International Publishing Switzerland. pp 631-639.
23. Balasubramanian M (2015) Economics of Solid Waste in India, Economic and Political Weekly, Vol 50, No 25 p 17-20.
24. Balasubramanian M (2015) "National Accounts and Value of Biodiversity in India, International Journal of Green Economics, Vol 9, No. 1 pp 35-57.
25. Sunil Nautiyal with S. Manasi, M. Goswami, P.Bez., K.Bhaskar, YD Imran Khan (2014). Replacing conventional fuel through biogas for mitigating the threats related to climate change in India: A state-wise assessment for emission reduction. In: N.J. Raju, W. Gossel, A. Ramanathan, M. Sudhakar (Eds.), Management of Water, Energy and Bio-resources in the Era of Climate Change: Emerging Issues and Challenges. Capital Publishing House, New Delhi and Co published by Springer, The Netherlands, ISBN: 978-93-81891-06-3, page no.. 177-196.
26. Balasubramanian M (2014) "Green National Income Accounting and Sustainable Development", The Journal of Income and Wealth, Vol 36(1), January-June (2014), pp 21-31.
27. Balasubramanian M and P J Dilip Kumar (2014) "Climate Change Uttrakhand and World Bank Message", Economic and Political Weekly, Vol XLIX No 1 pp 65-68.
28. Nautiyal Sunil, Rao, KS, Kaechele H. Raju, KV and Schaldach R (2013). Knowledge Systems of Societies for Adaptation and Mitigation of Impacts of Climate Change: Prologue. In: Nautiyal, S. et al., (Eds.), Knowledge Systems of Societies for Adaptation and Mitigation of Impacts of Climate Change, Springer-Verlag Berlin Heidelberg, Germany, pp 1-6.
29. Maikhuri R.K., Rawat L.S., Nautiyal Sunil, Negi V.S., Pharswan D.S. and Phondani P. (2013). Promoting and Enhancing Sustainable Livelihood Options as an Adaptive Strategy to Reduce Vulnerability and Increase Resilience to Climate Change Impact in the Central Himalaya. In: Nautiyal, S. et al., (Eds.), Knowledge Systems of Societies for Adaptation and Mitigation of Impacts of Climate Change, Springer-Verlag Berlin Heidelberg, Germany, pp 555-576.
30. Kaechele H., Kutter T., Specht K., Nautiyal Sunil, Amjath-Babu T. S., Müller K. and Raju K.V. (2013). Rural India as Key Factor to Cope with Climate Change. In: Nautiyal, S. et al., (Eds.), Knowledge Systems of Societies for Adaptation and Mitigation of Impacts of Climate Change, Springer-Verlag Berlin Heidelberg, Germany, pp 693-716.
31. Nautiyal Sunil, Rao, KS, Kaechele H. Raju, KV and Schaldach R (2013). Knowledge Systems of Societies for Adaptation and Mitigation of Impacts of Climate Change: Epilogue. In: Nautiyal, S. et al., (Eds.), Knowledge Systems of Societies for Adaptation and Mitigation of Impacts of Climate Change, Springer-Verlag Berlin Heidelberg, Germany, pp 717-720.

32. Balasubramanian M (2013) "Forest Resources Integrating to National Accounts in Karnataka India", *International Journal of Green Economics*, Vol 7, No 3 pp 276-298.
33. Balasubramanian M Dhulasi Birundha, (2012) "An Economic Analysis of Solid Waste Management in Madurai District, Tamil Nadu", *Applied Journal of Hygiene* 1(1): 1-7.
34. Balasubramanian M and V. Dhulasi Birundha (2012) *Climate Change and its Impacts in India*, *IUP Journal of Environmental Sciences*, Vol. VI, No 1, pp: 1-16.
35. Nautiyal, Sunil (2011). Protected area management in Biodiversity Hotspots: a case study from Nagarhole National Park, India In: K.G. Saxena, L. Liang, K. Tanaka and S. Takahashi (Eds) *Land Management in Marginal Mountain Regions: Adaptation and vulnerability to Global Change*. Bishen Singh Mahendra Pal Singh, Dehradun, 2011, 99-106.
36. Nautiyal Sunil, Maikhuri, R.K., Rao, K.S. and Saxena, K.G. (2011). *Livelihood and Natural Resources in Asian Cold Desert: A case study from selected villages in Central Himalaya, India*. In: K.G. Saxena, Luohui Liang, Xian Xue (Eds) *Global Change, Biodiversity and Livelihoods in Cold Desert Region of Asia*, Bishen Singh Mahendra Pal Singh, Dehradun, 161-176.
37. Balasubramanian M and Dhulasi Birundha (2011) "Municipal Solid Waste Management in India", *Productivity: A Quarterly Journal of the National Journal Council* Vol 51 (4) Jan-Mar, 2011, pp: 308-314.
38. Balasubramanian. M and V Dhulasi Birundha, (2011) "Generation of Solid Waste on the Impact of Health and Environment in Rural Tamil Nadu", *Political Economy Journal of India*, Vol, 20, Issues 3 & 4, July – December , pp 19-24.
39. Balasubramanian.M and V. Dhulasi Birundha (2011) "Generation of Solid Waste in Rural Tamil Nadu", *Journal of Rural Development*, Vol.30, No.1, pp. 101-112.
40. Maikhuri, R.K. Nautiyal Sunil, Rao, K.S (2010). Pastoral issues in the light of change and development in the buffer zone of Nanda Devi Biosphere Reserve. In: Farooquee, N.A., Gooch, P., Maikhuri, R.K. & Agrawal, D.K. (eds.) *Sustainable Pastoralism in the Himalayas*. Indus Publishing company, New Delhi, 2010, pp. 83-101.
41. Nautiyal Sunil (2010). *Impact of Land use Change: Socio-economic and Ecological Perspectives*. In: Nautiyal, S., Nayak. B.P. (Editors). *Ecological Economics: Ecological Economics: An Approach towards Socioeconomic and Environmental Sustainability*, ISEC-NIE Publication, 2010. pp. 239-247.
42. Nautiyal Sunil (2009). *Research approach to understand the climate change impact at micro level: A case study*. In: Nautiyal, S., Nayak, B.P. (Editors). *Climate Change: Data Requirement and Availability*, ISEC-CSO, MoSPI publication, 2010. pp. 150-161.
43. Nautiyal Sunil, and Kaechele, H. (2009). *Is grazing good or bad for pasture ecosystem in the Himalayas of India? Testing the efficiency of conservation model using LANDSAT and IRS images*. In: 33rd International Symposium on Remote Sensing of Environment "Sustaining the Millennium Development Goals" Stresa, Italy.

44. Nautiyal Sunil and Kaechele H. (2007). Human and ecosystems interaction and its ecological impacts in Mountains: Lesson from land use development in nature conservation areas in the Himalayas, India. Proceedings of Transatlantic Land Use Conference <http://www.nercrd.psu.edu/TALUC/>.
45. Nautiyal, S., Kaechele, H. (2007). Using remote sensing and ground truth data to study and analyse the structure and developmental pattern of the forests under different management regimes in the Himalayas of India. Proceedings of 32nd International Symposium on Remote Sensing of Environment "Sustainable Development through Global Earth Observations"
46. Dhulasi Birundha V, M Rajadurai and M. Balasubramanian (2006) "Sustainable Development in India – An Environmental Safety Approach", Political Economy Journal of India Vol 15 issues 1 & 2 January – June.
47. Nautiyal, S., and Kaechele, H. (2006). Traditional crop diversity needs institutional and policy support for their conservation and sustainable land use development in Himalayas of India. In: Berlin Conference on Human Dimensions of Global Environmental Change: Resource Policies: Effectiveness, Efficiency, and Equity, 17 - 18 November 2006, Berlin: 1-8.
48. Maikhuri, R.K., Rao, K.S., Nautiyal Sunil, Dhyani, D. Rawat, L.S. and Saxena, K.G. (2006). Priority interventions for sustainable development of buffer zone villages of NDBR. In: Resource appraisal, Technology application and environmental challenges in Central Himalaya, Eds., Rawat, M.S.S., Lakhera, L.P., Pal, A., Negi, Y.S. and Bisht, K.S. (Department of Geography, HNB Garhwal University Srinagar, Garhwal, Uttaranchal). 84-95.
49. Nautiyal Sunil, Rajan, K.S. and Shibasaki, R. (2005). Land use Intensification and its Ecological Impacts, in Himalayas of India – Lessons for scenario development in mountainous regions. Proceedings of 31st International Symposium on Remote Sensing of Environment (31st ISRSE), Saint Petersburg, Russia (04 pages), CDROM Publication.
50. Maikhuri, R.K., Rao, K.S., Chauhan, K., Kandari, L., Prasad, P., Negi, G.S., Nautiyal Sunil, Purohit, A., Rajasekaran, C. and Saxena, K.G. 2005. Cultivation and conservation of higher Himalayan medicinal plants through participatory and action research: A case study from the Central Himalaya (Uttaranchal), India. In: Thomas, Y., Karki, M., Gurung, K. & Parajuli, D. (Eds.) Himalayan Medicinal and Aromatic Plants, Balancing Use and Conservation (Proceedings of the Regional Workshop on Wise Practices and Experiential Learning in Conservation and Management of Himalayan Medicinal Plants, December 15-10, 2002, Kathmandu, Nepal), WWF/IDRC, Canada. Pp. 281-301.
51. Nautiyal Sunil, Rajan, K.S. and Shibasaki, R. (2004): Environmental Conservation Vs Compensation: Explorations from the Uttaranchal Himalaya. ISEIS Proceedings. 2, 88-99.
52. Nautiyal Sunil, Rao K.S., Maikhuri, R.K. and Saxena, K.G. (2002): Ethnobotany to Tolchha Sect of Bhotiya Community of Garhwal Himalaya. In: Series Recent Progress in Medicinal Plants, Vol. 1-Ethnomedicine & Pharmacognosy, Eds, Singh, V.K., Govil, J.N. and Singh, G. (SCI TECH Pub USA), 9-32.

53. Maikhuri, R.K. Semwal R.L., Nautiyal Sunil, Rao, K.S. (2002). Land use land cover change impacts and strategies for rehabilitation of degraded land: A case study from the Central (lesser) Himalaya (Uttaranchal). In: Rawat, M.S.S. (ed.). Central Himalaya: Environment and Development: Potential, Actions and Challenges. Transmedia Publication, Srinagar, Garhwal. pp. 230-240.
54. Maikhuri, R.K., Nautiyal Sunil, Rao, K.S. and Saxena, K.G. 2002. Medicinal plant cultivation in Nanda Devi Biosphere Reserve Buffer Zone villages. In: Singh, V.K., Govil, J.N. & Singh, Gurdip (Eds.) Recent Progress in Medicinal Plants. Vol. I. Ethnomedicine and Pharmacognosy. Sci Tech Publishing Llc, Houston, USA. pp. 345-362.
55. Rao, K.S., Semwal, R.L., Maikhuri, R.K., Nautiyal Sunil, Sen, K.K. and Saxena, K.G. (2002) Traditional Natural Resource Management in Central Himalaya and its Relevance to Biosphere Management. In: Traditional Ecological Knowledge for Managing Biosphere Reserves in South and Central Asia, Eds, Ramakrishnan, P.S., Rai, R.K., Katwal, R.P.S. and Mehndiratta, S. (Oxford & IBH Publication, India (P) Ltd., New Delhi), 71-96.
56. Rao, K.S., Semwal, R.L., Maikhuri, R.K., Nautiyal Sunil, Sen, K.K., Singh, K., Chandrasekhar, K. & Saxena, K.G. (2002). Indigenous ecological knowledge, biodiversity and sustainable development in the central Himalayas. In: Depommier, D. & Ramakrishnan, P.S. (eds.) Proceedings of the Indo-French colloquium on Traditional Ecological Knowledge, Conservation of Biodiversity and Sustainable Development. Publication of the Department of Ecology, IFP, Pondichery. pp. 101-140.
57. Nautiyal Sunil, Maikhuri R.K. and K.S. Rao (2002). Medicinal plant cultivation practices of Bhotiyas in Nanda Devi Biosphere Reserve villages of Garhwal Himalaya. In: Himalayan Medicinal Plants: Potential and Prospects, HIMAVIKAS Occasional Publication No. 14, Eds, Samant, S.S., Dhar, U. and Palni, L.M.S. (Gyanodaya Prakashan Pub., Nainital), 317-328.
58. Maikhuri R.K., Rao K.S., Nautiyal Sunil, Purohit, A. and Tiwari, S.D. (2002). Agroecosystem Management of Nanda Devi Biosphere Reserve. In: Proceedings of Biosphere Reserve in India and Their Management, Eds, Sharma, J.K., Easa, P.S., Mohanan, C., Sasidharan, N. & Rai, R.K. 122-126.
59. Sastry, G.S., A Model for Sustainable Urbanization: A Case of Karnataka, India (in the process of Publication)
60. Ninan, K.N., 2009, Review of his book: The Economics of Biodiversity Conservation, Earthscan, London (2007), by Professor Clem Tisdell (University of Queensland, Australia) appeared in Ecological Economics, Vol.68, pp.1563-1567.
61. Sunil Nautiyal: An economic evaluation of introduced crops cultivation in a part of the Indian Himalayan region the Botanica, 57: 102-106.
62. Sunil Nautiyal and Kaechele, H., 2009, Natural resource management in a protected area of Indian Himalaya: A modeling approach for anthropogenic interactions on ecosystems. Environmental Monitoring and Assessment, 153: 253-271.

63. Lenin Babu, K, B.K. Harish Kumara and K.V.Raju 2009, Environmental Flows in River Basin: A case study of Tungabhadra in South India, Current Science, Vol. 96, No. 4, 25 February.
64. Pattanayak, M and Bibhu Prasad Nayak, 2009, "Crop Diversification in Orissa: A Spatio Temporal Analysis", Agricultural Situations in India, 35 (8):529-536
65. Nautiyal, S. and Kaechele, H., 2008, Fuel switching from wood to LPG can benefit the environment! Environmental Impact Assessment Review (online first) DOI: 10.1016/j.eiar.2008.02.004.
66. Nautiyal, S. and Kaechele, H., 2008, A modeling approach for natural resource management in nature protection areas in the Indian Himalayan region, Management of Environmental Quality-An International Journal (Emerald), vol.19 (3): 335-352.
67. Nautiyal, S., Bisht, V., Rao, K.S, Maikhuri, R.K., 2008. The role of cultural values in agrobiodiversity conservation: a case study from Uttarakhand, Himalaya, Journal of Human Ecology, vol. 23 (1):1-6.
68. Gayathridevi, K.G., 2008, Fieldwork Tradition of Prof. M N Srinivas, Research Methods, Kannada University Publications Division, Hampi, Vidyaranya.
69. Sastry G.S., 2007, Growth and Development Issues of Emerging Greater Bangalore: A Development Policy Perspective; The ICFAI Journal of Urban Policy, Vol.2(2):40-55, October, 2007
70. Sastry G.S., 2007, Issues of Urban Water Management: A Study of Unaccounted for Water in Bangalore, The ICFAI Journal of Urban Policy , Vol.2(1):7-28, April.
71. Puttanna Honaganahalli and K.V. Raju, 2007, 'Air Quality Management in Bangalore, India: Roles and Gaps Across Agencies, Journal of Resources, Energy, and Development, 3(2):85-106.
72. Nautiyal, S. and Kaechele, H., 2007, Conserving the Himalayan forests: approaches and implications of different conservation regimes, Biodiversity and Conservation, vol. 16:3737-3754.
73. Nautiyal, S., Kaechele, H., Rao, K.S., Maikhuri, R.K. and Saxena, K.G., 2007, Energy use and economic analysis of traditional Vs introduced crops cultivation in mountains of Indian Himalaya: A case study, Energy: The international Journal, vol.32 (12): 2321-2335.
74. Nautiyal, S. and Kaechele, H., 2007, Conservation of crop diversity for sustainable landscape development in the mountains of the Indian Himalayan region, Management of Environmental Quality: An International Journal, vol.18 (5): 514-530.
75. Nautiyal, S. and Kaechele, H., 2007, Adverse impact of pasture abandonment in Himalayas of India: Testing efficiency of a natural resource management plan (NRMP), Environmental Impact Assessment Review, vol.27: 109-125.
76. Gayathridevi, K.G., 2007, Agriculture, Rural Society and Woman, in Woman, Work and Leisure, (ed.) Mahila Adhyayana, Kannada University, Hampi, Vidyaranya.
77. Lenin Babu, K and S. Manasi, 2007, Evaluation of present pollution control regime in India, Current Science, Vol. 93, No. 4, 25 August.

78. Sahoo, P., and B. P. Nayak, 2007, Green Banking in India, *The Indian Economic Journal*, Vol. 55, No 3, pp. 82-98.
79. Sharma, R.K., and B. P. Nayak, 2007, Common Property Design Principles and Participatory Forest Management Institutions in Orissa, India, *Afro-Asian Journal of Rural Development*, Vol. 40, No. 2, pp 7-31
80. Nayak, B. P. and P. P. Mishra, 2007, Economy, Environment and Sustainable Development: Concepts and Concerns, *ICFAI Journal of Environmental Economics*, Vol. 5, No. 3, pp 7-13
81. Nayak, B. P., 2007, The Economy and the Environment, *South Asia Politics*, Vol. 6, No. 4, pp 35-37
82. Raju, K.V., 2006, 'Biofuels in South Asia: An Overview', *Asian Biotechnology and Development Review*, Vol.8, No.2, March. Also Guest Editor for the Special Volume.
83. Sastry, G.S., 2006, Emerging Megalopolis: Bangalore, From 'Boiled Beans' Town to Advanced IT City, *Social eSciences*, Mumbai, December.
84. Puttaswamaiah, S., 2006, 'Promoting Sustainable Agriculture: Experiences from India and Canada' *Journal of Social and Economic Development*, Vol. 8, No.2, July-December.
85. Sastry, G.S., 2006, Pattern of Urbanization in Karnataka: Issues and Policy, *Urban India*, 26(1):33-63.
86. Gayathridevi K G (with S Madheswaran) 2006, Production Relations, Employment and Wages: A Study of Beedi Industry in Karnataka', *Indian Journal of Labour Economics*, Vol.49, No.4, 2006.
87. Pattanayak, M., B. P. Nayak and P. Saluja, 2006, Performance of Agriculture in the Changing Structure of the Orissa Economy: A Panel Data Evidence, *Indian Journal of Economics*, Vol. 86, No. 342, pp 383-401.
88. Pattanayak, M. and B. P. Nayak, 2006, Is Orissa Moving towards Crop Specialization: An Empirical Enquiry, *GGU Journal of Business*, Vol 2. No. 1, No 17-30
89. Manasi, S. and Lenin Babu, K, Valuation of Tank Systems Services 2006, *Dialogue Bulletin*, Dialogue on Water, Food and Environment. WWF International, Issue No. 19.
90. Ninan, K.N. and Jyothis Sathyapalan, 2005, 'The Economics of Biodiversity Conservation – A Study of a Coffee Growing Region in the Western Ghats of India, *Ecological Economics*, 55(1), October, pp.61-72.
91. Raju, K.V. 2005, 'Water Management in India', *Indian Journal of Agricultural Economics*, 60(1), January-March.
92. Sastry, G.S., 2005, 'A Model for Sustainable Development of Mountainous Region', *Indian Journal of Regional Science*, 37(2): 53-67, December.
93. Sastry, G.S., 2005, 'Urbanization in an IT Prominent State of India: Patterns, Issues and Policy', *Ecological Economics Unit, Institute for Social Economic Change*, Bangalore, 2005.

94. Rao, K.S., Nautiyal, S., Maikhuri, R.K. and Saxena, K.G., 2005, Resource Flows of Villages with Contrasting Lifestyles in Nanda Devi Biosphere Reserve, Central Himalaya, India, *Journal of Mountain Science*, vol. 2(4),271-293.
95. Nautiyal, S., Rajan, K.S. and Shibasaki, R., 2005, Interaction of biodiversity and economic welfare-a case study from Himalayas of India, *Journal of Environmental Informatics*, vol.6 (2), 111-119.
96. Nautiyal, S., Shibasaki, R., Rajan, K.S. and Maikhuri, R.K. and Rao, K.S., 2005, Impact of land use changes on subsidiary occupation: a case study from Himalayas of India, *Environmental Informatics Archives*, vol.3:14-23.
97. Madhushree Sekher, 2005, 'Keeping Our Cities Clean: Urban Solid Waste Management in Karnataka', *Journal of Social and Economic Development*, Volume 6, No.2: 159-175.
98. Saleth, R. M. and G. S. Sastry, 2004, "Water and Sanitation Sector in Karnataka, India: Status, Performance, and Change", *Water Policy*, 6(3): 161-183.
99. Saleth, R. M., 2004, "Introduction to Special Section on River Basin Management: Economics, Management, and Policy", *Water Resources Research*, 40(8), W08S01, doi: 10.1029/2004WR003368, 6pp.
100. Semwal, R.L., Nautiyal, S., Sen, K.K., Rana, U., Maikhuri, R.K., Rao, K.S. Saxena, K.G.. 2004, Patterns and ecological implications of agricultural land-use changes: a case study from central Himalaya, India, *Agriculture, Ecosystems and Environment*, vol.102, 81-92.
101. Nautiyal, S. Rao, K.S., Maikhuri, R.K. and Saxena, K.G., 2003, Transhumant Pastoralism and Sustainable Development : A case study in the Buffer Zone of the Nanda Devi Biosphere Reserve, India, *Mountain Research and Development*, vol.23: 255-262.
102. Nautiyal, S. Maikhuri, R.K., Rao, K.S. and Saxena, K.G., 2003, Ethnobotany of the Bhotiya tribe of the buffer zone villages of Nanda Devi Biosphere Reserve, *Journal of Economic and Taxonomic Botany*, vol.23:119-141.
103. Nautiyal, S. Maikhuri, R.K., Rao, K.S., Semwal, R.L. and Saxena, K.G., 2003, Agroecosystem function around a Himalayan Biosphere Reserve, *Journal of Environmental Systems*, vol.29:71-100.
104. Rao, K.S., Nautiyal. S., Maikhuri, R.K. and Saxena, K.G., 2003, Local Peoples' Knowledge, Attitude and perceptions of planning and management issues in Nanda Devi Biosphere Reserve, *Environmental Management*, vol.31:168-181.
105. Negi, C. S. and Nautiyal, S., 2003, Indigenous Peoples, Biological Diversity and Protected Area Management- Policy Framework Towards Resolving Conflicts. *International Journal of Sustainable Development and World Ecology*, vol.10:169-180.
106. Raju, K.V., 2002*, "What Affects Organisation and Collective Action for Managing Resources? Evidence from Canal Irrigation System in India". *World Development*, Vol.30, No.1, pp.649-666.
107. Sastry G.S., 2002, 'Emerging Development Issues in a Hill-Forest Region, India', *Indian Social Science Review*, Vol.4(2):239 - 261.

108. Sekher, Madhushree, 2002, 'Crafting Institutions for Decentralized Rural Governance in India: The Tamil Nadu Experience', *Indian Social Science Review*, Sage Publishers, Vol 4 (2), 2002: 325-363.
109. Nadkarni, M.V., 2001, 'Economic Potential of Wastelands', Seminar 499, March, 11.40-44.
110. Ninan, K.N., 2001, "Social Cost Benefit Analysis of a Watershed Development Project in Karnataka", India, *Ambio, Journal Of Human Environment*, Royal Swedish Academy of Sciences, Sweden. Vol 30, No 3, May.
111. Raju, K.V., 2001*, "Rethinking Rehabilitation: Socio-ecology of tanks in Rajasthan, North-West India" *Water Policy*, 3, pp 521-536.
112. Nautiyal, S., Rao, K.S., Maikhuri, R.K., Negi, K.S. and Kala, C.P., 2002, Status of Medicinal and aromatic plants on way to Vashuki Tal in Mandakini Valley Garhwal Himalaya, Uttaranchal, *Journal of Non-Timber Forest Products*, vol.9:124-131.
113. Maikhuri, R.K., Nautiyal, S., Rao, K.S., and Saxena, K.G., 2001, Conservation policy and people conflicts: a case study from Nanda Devi Biosphere Reserve (a World Heritage Site), India, *Forest policy and economics*, vol.2:355-365.
114. Nautiyal, S. Maikhuri, R.K., Rao, K.S. and Saxena, K.G., 2001, Medicinal Plant Resources in Nanda Devi Biosphere Reserve in the Central Himalaya, *Journal of Herbs, spices and Medicinal Plants*, vol.8: 47-64.
115. Nautiyal, S., Rao, K.S., Maikhuri, R.K., Semwal, R.L. and Saxena, K.G., 2001, Traditional knowledge related to medicinal and aromatic plants in tribal societies in a part of Himalaya, *Journal of medicinal and aromatic plant Sciences*, vol.22-23: 528- 541.
116. Sekher, Madhushree, 2001, 'Tackling society's 'detritus': Stakeholder partnerships and urban service delivery in India', *Asian Journal of Political Science*, Singapore, Vol 9, No.2, December: 54-77.
117. Nadkarni, M.V., 2000, 'Poverty, Environment and Development: A Many Patterned Nexus', *EPW*, Vol. 35(14), April 1-7, pp.1184-1190.
118. Sastry, G.S., 2000*, "Regional Dynamics of Western Ghats Region", India, *The Indian Geographical Journal*, 75(1):48-61.
119. Sastry, G.S., 2000, "Land Resource System: Problems, Patterns and Policy", *Indian Journal of Regional Science*, Vol.32 (2):49-60.
120. Raju, K.V., 2000*, "Revitalisation of Irrigation Tanks in Rajasthan" *Economic and Political Weekly*, June 3, vol. xxxv, No.23.
121. Gayathridevi, K.G., 2000, Management of Poverty Alleviation Programmes under Panchayat Raj Institutions in Karnataka, with Abdul Aziz and S.S. Meenakshisundaram, *Journal of Social and Economic Development*, ISEC, Bangalore.
122. Gayathridevi, K.G., 2000, 'Employment Related Development Programmes and Women', in *Journal of Women's Studies*, Prasaranga, Kannada University, Hampi, January.

123. Nadkarni, M.V., K.N. Ninan, Syed Ajmal Pasha and G.S. Sastry, 1999, "Environment in Karnataka: A Status Report", by Ecological Economics Unit, ISEC, authored by Economic and Political Weekly, Vol. XXXIV, No. 38, September 18.
124. Sastry, G.S., 1999, Contributed to the section 'Urban and Industrial Pollution in Karnataka' to the paper 'Environment in Karnataka - A Status Report' Economic and Political Weekly, Vol. XXXIV No.38, September.
125. Raju, K.V., 1998*, "Choosing Among the Equals: Beneficiary Selection for Anti-Poverty Programmes", published in The Indian Journal of Labour Economics, Vol.41, No.2.
126. Puttaswamaiah, S., 1998, 'People Power' (co - author K N Ninan), Down To Earth, 31st, March 1998.
127. Nadkarni, M.V., 1997, 'Broad-basing Process in India and Dalits', Economic and Political Weekly, Aug. 16, (Vol.32, Nos. 33 & 34).
128. Sastry, G.S., 1997, 'Service Centre Planning for a Sustainable Mountain Development: An Exercise in the Central Himalayas,' Indian Journal of Regional Science, Vol. 29, No.1:69-86.
129. Raju, K.V., 1997, "Irrigation Acts and Rules for Irrigation Management Transfer in India", in Artha-Vikas, a quarterly journal published by Sardar Patel University, Vallabh Vidyanagar.
130. Gayathridevi, K.G., 1997, 'Industrial System and Gender Concerns', in Industrialisation, Socio-Economic Externalities and State Policy, edited by Abdul Aziz, Concept Publishing Company, New Delhi.
131. Nadkarni, M.V., 1996, 'Political Economy of Sustainable Development' in Review of Development and Change Vol.1 (1) Jan-June.
132. Nadkarni, M.V., 1996, 'Forests, People and Economics', Presidential Address at the 55th Annual Conference of the Indian Society of Agric. Economics, Nov 1995, published in Indian Journal of Agricultural Economics, Jan-March.
133. Nadkarni, M.V., 1996, 'Keynote Address on 'Environment, Growth and Development' at the Indian Economic Association Annual Conference at Gwalior, 27-29, Dec. 1996, published in IEA Annual Conference Number.
134. Nadkarni, M.V., 1996, 'Accelerating Commercialisation of Agriculture - Dynamic Agriculture and Stagnating Peasants?' Economic and Political Weekly, Review of Agriculture, June 29.
135. Nadkarni, M.V., 1995, 'Nobody's Child: The Economic and Institutional Aspects of Soil Conservation in India' (jointly with Govindaru V), Journal of Environment and Development (USA), Vol. 4(1).
136. Nadkarni, M.V., 1995, 'Passing away of Dandekar Creates academic Vacuum', The Economic Times, Bangalore, August 3.
137. Ninan, K.N., 1995, "Agricultural Growth, Institutional Intervention and Rural Poverty Trends in India - Their Linkages in the Context of Structural Adjustment and Liberalisation". Paper presented at the XXIIInd International Conference of Agricultural Economists, held at Harare, Zimbabwe, from August 22-29, 1994:

Revised Version in Regional Development Studies, United Nations Centre for Regional Development, Nagoya, Japan, Winter Volume 1995-96.

138. Ninan, K.N., 1995, "Oilseeds Development and Policy - A Review", Economic and Political Weekly, Vol. XXX, No.12, March 25, pp. A 14- A-20.
139. Nadkarni, M.V., 1994, 'Forests in the Economy of India', Indian Journal of Social Science, Vol. 7(1).
140. Ninan, K.N., 1994, "Poverty and Income Distribution in India", paper presented at the 22nd General Conference of the International Association for Research in Income and Wealth, held at Flims, Switzerland, August 30 - September 5, 1992; and also at a Conference at the Dept. of Agricultural Economics, Swiss Federal Institute of Technology, Zurich, Switzerland held on September 9, 1992; and also in Economic and Political Weekly, Vol.XXIX, No.25, June 18.
141. Nadkarni, M.V., 1993, 'Agricultural Policy and Ecology', Social Action, New Delhi, July- September, Vol. 43(3).
142. Nadkarni, M.V., 1993, 'Sustainable Development : Concept and Issues with Special Reference to Agriculture', Keynote Paper, Indian Journal of Agricultural Economics, 48(3) July-September.
143. Pasha, Syed Ajmal, 1993, "The Islamic Principles of Distributive Justice", Southern Economist, Vol.31, No. 19, February.
144. Nadkarni, M.V., 1992, 'Professor V K R V Rao's Thoughts on Rural Development', The Indian Economic Journal, Vol. 39(4) April-June.
145. Nadkarni, M.V., K.N. Ninan and Syed Ajmal Pasha, 1992, 'Social Forestry Projects in Karnataka - Economic and Financial Viability in Review of Agriculture', Economic and Political Weekly, Vol.XXVII No.26, June 27, 1992.
146. Ninan, K.N. 'Sustainable Development - The Case of Watershed Development in India' (revised version), International Journal of Sustainable Development and World Ecology, (United Kingdom) Vol 1, No.4, pp.229-238 (with S Lakshmikanthamma).
147. Pasha, Syed Ajmal, 1992, "CPRs and the Rural Poor : A Micro Level Analysis ", Economic and Political Weekly, Vol.27 (46), November 14, 1992. Also contributed to the 3rd Annual Common Property Conference, held at Washington D.C., USA, 17-20 September.
148. Pasha, Syed Ajmal, 1992*, "Design and Management of Anti-Poverty Project : A Case Study of Lacquerware Handicrafts of Channapatna, Karnataka" (co-author), SEDME Vol. XIX, No. 4, December.
149. Nadkarni, M.V. and Syed Ajmal Pasha, 1991, 'Developing Uncultivated Lands : Some Issues from Karnataka Experience in Social Forestry', Indian Journal of Agricultural Economics, October-December.
150. Nadkarni, M.V., 1991, 'Coping with Droughts : Then and Now', Mainstream, New Delhi, Vol.29(43) August 17, 1991. (MVN)
151. Ninan, K.N., 1991, 'Development of Edible Oilseeds in India, 1954-1984' Journal of the Indian School of Political Economy, July-September.

152. Pasha, Syed Ajmal, 1991*, "Developing Uncultivated Lands : Some Issues from Karnataka's Experience in Social Forestry ", Indian Journal of Agricultural Economics, Vol. 46 (4), Oct-Dec.
153. Pasha, Syed Ajmal, 1991, "Sustainability and Viability of Small and Marginal Farmers: Animal Husbandry and Common Property Resources", Economic and Political Weekly, 30th March.
154. Raju, K.V., 1990*, "The Effectiveness of Cattle Insurance Under Integrated Rural Development Programme: Analysis of Evidence from Pune and Surat Districts", Journal of Rural Development, vol.8, No 4, 1989. National Institute of Rural Development, Hyderabad. Modified version was published in Vikalpa vol 15, No 2, April-June, Indian Institute of Management, Ahmedabad.
155. Nadkarni, M.V., 1989, 'Technology of Agricultural Development – At Cross Roads',
156. Bulletin of Sciences, Vol. 5(2), Nov Dec.
157. Ninan, K.N., 1989, Watershed Management Approach to Dryland Farming - The Experience of Karnataka State (India), submitted to the International Conference on Dryland Farming, held at Amarillo/Bushland, (USA), August 15–19, 1988, and also in Southern Economist, Vol.28, No.12, October 15.
158. Ninan, K.N., 1989, Self-Sufficiency in Oilseeds - Within Grasp or Elusive Goal,
159. Economic and Political Weekly, Vol.XXIV, No.39, September 30.
160. Ninan, K.N., 1988, "Factors influencing Growth and Instability in Oilseeds Production
161. The Case of Groundnut and Rapeseed – Mustard", in proceedings of National Symposium on Growth and Instability in Indian Agriculture held at IASRI, New Delhi, August 19-21, 1987. Also published in Agricultural Situation in India, New Delhi, Vol. XLII, No.12, March.
162. Nadkarni, M.V., 1988, Crisis of Increasing Costs in Indian Agriculture, - Is there a Way Out?, Economic and Political Weekly, Review of Agriculture, September 24.
163. Sastry G.S., 1988, 'Bangalore Metropolitan Transportation Planning: Some Observations and Suggestions', The Indian Geographical Journal, Vol.63 No.1:10-21, June.
164. Raju, K.V., 1988*, "Groundwater Markets and Small Farmer Development", Economics and Political Weekly. Vol. 23, No 1, March 26.
165. Nadkarni, M.V., 1987, 'Agricultural Development and Ecology: An Economist's View', Key-Note (Invited) paper, Indian Journal of Agricultural Economics, Vol.42(3), July- September.
166. Sastry, G.S. 1987, "Edible Oilseeds: Growth and Area Responses, in Review of Agriculture", Economic and Political Weekly, Vol. XXII, No.39, September 26.
167. Raju, K.V., 1987*, "Groundwater Markets and Small Farmer Development: An Argument and Evidence from India", in United Nations book Groundwater Economics, edited by Dr. A. Gurgui, published by Elsevier, London.
168. Nadkarni, M.V., 1986, 'Economy of Coarse Cereals in India', Paper presented at the Indo-French Seminar on 'Technology Choices for Rural Development' at CNEARC,

- Montpellier, France, march, 1986; published in Economic and Political Weekly, Review of Agriculture, September.
169. Nadkarni, M.V., 1986, 'Institutional Constraints in Eco-Development', Mainstream, 16 August.
 170. Sastry G.S., 1985, 'Metropolitan Cities Environment: India', Nagarlok, 17(3):1 - 11, July-Sept, [with a detailed letter of appreciation about the analysis and results of the paper from the United Nations Environment programme(UNEP), Paris].
 171. Nadkarni, M.V., 1984, 'Protecting Society - A Pollution Tax', Mainstream, March 17, 1980, (Also published under the title, 'Combating Industrial Pollution: Some Policy Aspects', in Bulletin of Sciences, February-March.
 172. Nadkarni, M.V., 1984, 'Irrigation and Rural Development - A Sceptical View',
 173. Economic and Political Weekly, Review of Agriculture, June.
 174. Nadkarni, M.V., 1984, 'Population and Workforce Changes in a Forest Region' with M Johnson Samuel, Social Science Probing, New Delhi, Vol. 1(3) September.
 175. Ninan, K.N., 1984, Labour Use in Agriculture: Case Studies of Tapioca and Paddy in Review of Agriculture, Economic and Political Weekly, Vol.XIX, Nos 52-53, December 22-29.
 176. Ninan, K.N., 1984, Farmers Education and Agricultural Development - As seen through various studies, Southern Economist, Vol. 23, No.3, June 1.
 177. Ninan, K.N., 1984, Reforming our Educational System: Some Perspectives, Progress of Education, Pune, Vol. LVII, No.11, June.
 178. Ninan, K.N., 1983, 'Some Issues in Development of Agriculture in Hill Regions', Vision (Journal of Institute of Economic and Social Studies), Bhubaneshwar, Vol.II, No.4, April-June.
 179. Sastry, G.S., 1983*, 'Movements for Medical Treatment', Social Science and Medicine, Vol.17, No.3:177-187.
 180. Nadkarni, M.V., 1983, 'Growth and Instability in Crop yields: A Case Study of Karnataka Agriculture', with R S Deshpande, Regional Studies (UK) Vol.17(1), February, pp.2939.
 181. Rao, V.L.S. Prakasa, 1983, "Spatial Framework for Development Planning and Administration", Centre for Economic and Social Studies, Hyderabad.
 182. Nadkarni, M.V., 1982, 'Rainfall in Karnataka - Some Important Issues in its behaviour', with R S Deshpande, Agricultural Situation in India, July.
 183. Nadkarni, M.V., 1982, 'Agricultural Growth, Instability in Productivity and Rainfall: Case of Karnataka', with R S Deshpande, Economic and Political Weekly, Review of Agriculture, December.
 184. Nadkarni, M.V., 1982, 'Farm Prices: A Rational Approach', Mainstream, May 8.
 185. Nadkarni, M.V., 1982, 'Rural Underdevelopment and the Cluster Approach', Economic and Political Weekly, Review of Agriculture, June.
 186. Ninan, K.N., 1982, 'Agricultural Labourers and Poverty', Economic and Political Weekly, Vol XVII, Nos. 28-29, July 10-17.

187. Ninan, K.N., 1982, 'Off the Target: A Preliminary Study of Papers Rejected by IJAE', Indian Journal of Agricultural Economics, Vol XXXVII, No.1, January-March. (Co-author).
188. Nadkarni, M.V., 1981, 'Commercialisation of Agriculture – A Reply', Economic and Political Weekly, September 12.
189. Ninan, K.N., 1981, "Agricultural Labourers and Poverty - A Comment", Economic and Political Weekly, Vol. XVI, No.38, September 19.
190. Sastry, G.S., 1981, 'Spatial Sampling Design For an Urban Household Survey', Bulletin of the International Statistical Institute, Vol. 49(2):934-956.
191. Sastry, G.S., 1981, 'Retail Trade Structure of an Indian Metropolis: Bangalore', Annals of National Association of Geographers in India, Vol.1, No.2, 1981. Also in the book Urbanisation in India: Spatial Dimensions, by V L S Prakasa Rao, Concept, New Delhi, 1983 and Contribution to Indian Geography : Urban Geography, (Eds) R P Mishra and P D Mahadev, Heritage Publisher, New Delhi.
192. Nadkarni, M.V., 1980, 'Measurement of Growth and Fluctuations in Crop Output – An Approach Based on the Concept of Non-systematic Component', Jointly with V M Rao and R S Deshpande, 1979, Indian Journal of Agricultural Economics, April-June.
193. Nadkarni, M.V., 1980, 'Marketable Surplus and Market Dependence – A Millet Region in Maharashtra', in Economic and Political Weekly, March 29.
194. Nadkarni, M.V., 1980, 'Technology, Employment and Agricultural Development', Paper read at the Seminar on "Transfer of Science and Technology and National Self- Reliance", Tashkent, USSR, October 1979, published in Mainstream, February 19,
195. 1980; reproduced under the title, 'Search for a Strategy to Alleviate Poverty' in
196. Kurukshetra, March 1.
197. Nadkarni, M.V., 1979, 'Underutilisation of Land, Climatic or Institutional Factors?', with R S Deshpande, Indian Journal of Agricultural Economics, April-June.
198. Nadkarni, M.V., 1979, 'Development Issues in Irrigation' Economic Scene, Special Number on Karnataka, August .
199. Nadkarni, M.V., 1979, 'Marketable Surplus, Market Dependence and Economic Development', Social Scientist, June.
200. Nadkarni, M.V., 1978, 'Instability in Rainfall and Agricultural Yields' with P K Ghosh,
201. Indian Journal of Agricultural Economics, April-June.
202. Nadkarni, M.V., 1978, 'Rejoinder to comments on 'Over Population and the Rural Poor', Economic and Political Weekly, July 8.
203. Ninan, K.N., 1977, 'Unemployment and Rural-Urban Conflicts', Economic Affairs, Calcutta, Nos. 2-7, June-July.
204. Sastry, G.S., 1977, 'Clustering of Retail Establishment', Behavioural Sciences and Community Development, Vol.11, No.2:88-94.

205. Nadkarni, M.V., 1976, 'Overpopulation and the Rural Poor', Economic and Political Weekly, Special Number, August.
206. Nadkarni, M.V., 1976, 'Tenants from the Dominant Class - A Developing Contradiction in Land Reforms', Economic and Political Weekly, Review of Agriculture, December.
207. Nadkarni, M.V., 1974, 'Pulses in Maharashtra - Declining Crops', with M G Gumaste, Marathwada University Journal - Social Sciences.
208. Nadkarni, M.V., 1973, 'Demand for Roads in Maharashtra - A Cross Section Analysis', with A B Deogirikar, Economic and Political Weekly, 16-12-72; also published in Transport Planning and Finance, ed. by D M Nanjundappa, Karnataka University, Dharwar.
209. Rao, V.L.S. Prakasa, H.K. Mazumdar, G. Thimmaiah and S. Seshaiiah, 1973, "Working Paper on District Planning Officers Training Programme", Institute for Social and Economic Change, Bangalore.
210. Nadkarni, M.V., 1972, 'Ceilings on Agricultural Holdings - Some Crucial Issues', Marathwada University Journal - Social Sciences, September.
211. Nadkarni, M.V., 1971, 'Yield Uncertainty in Maharashtra Agriculture', Indian Journal of Agricultural Economics, October-December.
212. Nadkarni, M.V.. 'Regional Imbalance in India', Indian Economic Journal, Conf. No.1969.
213. Nadkarni, M.V. 'Impact of price level on Economic Development - India's Experience', Indian Economic Journal, Conf. No.1968.
214. Nadkarni, M.V. 'Some Definitional Aspects of Investment in Human Capital', Indian Economic Journal, Conf. No.1965.
215. Nadkarni, M.V., 1964, 'Engineering Industry in a Developing City', jointly with D M Nanjundappa, Karnatak University Journal.