

Sunil Nautiyal

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

1,561
citations

304602

22
h-index

330025

37
g-index

102
all docs

102
docs citations

102
times ranked

1381
citing authors

#	ARTICLE	IF	CITATIONS
1	Patterns and ecological implications of agricultural land-use changes: a case study from central Himalaya, India. <i>Agriculture, Ecosystems and Environment</i> , 2004, 102, 81-92.	2.5	145
2	Conservation policyâ€“people conflicts: a case study from Nanda Devi Biosphere Reserve (a World Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.5	106
3	Analysis and resolution of protected areaâ€“people conflicts in Nanda Devi Biosphere Reserve, India. <i>Environmental Conservation</i> , 2000, 27, 43-53.	0.7	100
4	Agricultural Development and Land Use Change in India: A Scenario Analysis of Tradeâ€“Offs Between UN Sustainable Development Goals (SDGs). <i>Earth's Future</i> , 2020, 8, e2019EF001287.	2.4	66
5	Crop damage and livestock depredation by wildlife: a case study from Nanda Devi Biosphere Reserve, India. <i>Journal of Environmental Management</i> , 2002, 66, 317-327.	3.8	61
6	Estimation of Vegetable Crop Parameter by Multi-temporal UAV-Borne Images. <i>Remote Sensing</i> , 2018, 10, 805.	1.8	60
7	Local Peoples' Knowledge, Aptitude and Perceptions of Planning and Management Issues in Nanda Devi Biosphere Reserve, India. <i>Environmental Management</i> , 2003, 31, 168-181.	1.2	59
8	Adverse impacts of pasture abandonment in Himalayan protected areas: Testing the efficiency of a Natural Resource Management Plan (NRMP). <i>Environmental Impact Assessment Review</i> , 2007, 27, 109-125.	4.4	50
9	Medicinal Plant Resources in Nanda Devi Biosphere Reserve in the Central Himalayas. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2001, 8, 47-64.	0.5	49
10	Is the push-pull paradigm useful to explain rural-urban migration? A case study in Uttarakhand, India. <i>PLoS ONE</i> , 2019, 14, e0214511.	1.1	47
11	Agroforestry systems in the rural landscape â€“ a case study in Garhwal Himalaya, India. <i>Agroforestry Systems</i> , 1998, 41, 151-165.	0.9	41
12	Challenges and actions to the environmental management of Bio-Medical Waste during COVID-19 pandemic in India. <i>Heliyon</i> , 2021, 7, e06313.	1.4	41
13	Crop damage and livestock depredation by wildlife: a case study from Nanda Devi Biosphere Reserve, India. <i>Journal of Environmental Management</i> , 2002, 66, 317-327.	3.8	40
14	Promoting ecotourism in the buffer zone areas of Nanda Devi Biosphere Reserve: An option to resolve peopleâ€“policy conflict. <i>International Journal of Sustainable Development and World Ecology</i> , 2000, 7, 333-342.	3.2	39
15	Patterns and Implications of Land Use/Cover Change. <i>Mountain Research and Development</i> , 2002, 22, 56-62.	0.4	39
16	Transhumant Pastoralism in the Nanda Devi Biosphere Reserve, India. <i>Mountain Research and Development</i> , 2003, 23, 255-262.	0.4	38
17	Energy and economic analysis of traditional versus introduced crops cultivation in the mountains of the Indian Himalayas: A case study. <i>Energy</i> , 2007, 32, 2321-2335.	4.5	36
18	A Suitable Site for in situ (On-farm) Management of Plant Diversity in Traditional Agroecosystems of Western Himalaya in Uttaranchal State: A Case Study. <i>Genetic Resources and Crop Evolution</i> , 2006, 53, 1333-1350.	0.8	33

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19	The Role of Cultural Values in Agrobiodiversity Conservation: A Case Study from Uttarakhand, Himalaya. <i>Journal of Human Ecology: International, Interdisciplinary Journal of Man-environment Relationship</i> , 2008, 23, 1-6.	0.1	31
20	Management Conflicts in the Nanda Devi Biosphere Reserve, India. <i>Mountain Research and Development</i> , 2000, 20, 320-323.	0.4	29
21	Growth and carbon stocks of multipurpose tree species plantations in degraded lands in Central Himalaya, India. <i>Forest Ecology and Management</i> , 2013, 310, 450-459.	1.4	27
22	AGROECOSYSTEM FUNCTION AROUND A HIMALAYAN BIOSPHERE RESERVE. <i>Journal of Environmental Systems</i> , 0, 29, 71-100.	1.0	26
23	Can conservation and development interventions in the Indian Central Himalaya ensure environmental sustainability? A socioecological evaluation. <i>Sustainability Science</i> , 2011, 6, 151-167.	2.5	24
24	Social Acceptance for Reclaimed Water Use: A Case Study in Bengaluru. <i>Recycling</i> , 2018, 3, 4.	2.3	24
25	Interaction of Biodiversity and Economic Welfare - A Case Study from the Himalayas of India. <i>Journal of Environmental Informatics</i> , 2005, 6, 111-119.	6.0	23
26	Conserving the Himalayan forests: approaches and implications of different conservation regimes. <i>Biodiversity and Conservation</i> , 2007, 16, 3737-3754.	1.2	22
27	Fuel switching from wood to LPG can benefit the environment. <i>Environmental Impact Assessment Review</i> , 2008, 28, 523-532.	4.4	22
28	A transition from wood fuel to LPG and its impact on energy conservation and health in the Central Himalayas, India. <i>Journal of Mountain Science</i> , 2013, 10, 898-912.	0.8	20
29	Natural resource management in a protected area of the Indian Himalayas: a modeling approach for anthropogenic interactions on ecosystem. <i>Environmental Monitoring and Assessment</i> , 2009, 153, 253-271.	1.3	19
30	Environmental impact of COVID-19 led lockdown: A satellite data-based assessment of air quality in Indian megacities. <i>Urban Climate</i> , 2021, 38, 100900.	2.4	19
31	<i>Cleome viscosa</i> , capparidaceae: A weed or a cash crop?. <i>Economic Botany</i> , 2000, 54, 150-154.	0.8	16
32	Ethnomedicinal Plant Uses in a Small Tribal Community in a Part of Central Himalaya, India. <i>Journal of Human Ecology: International, Interdisciplinary Journal of Man-environment Relationship</i> , 2003, 14, 23-31.	0.1	16
33	Study on Land Use Dynamics: Appropriate Methods for Change Estimation in Social Science Research. <i>Earth Systems and Environment</i> , 2017, 1, 1.	3.0	16
34	Vegetable Crop Biomass Estimation Using Hyperspectral and RGB 3D UAV Data. <i>Agronomy</i> , 2020, 10, 1600.	1.3	16
35	Conservation of crop diversity for sustainable landscape development in the mountains of the Indian Himalayan region. <i>Management of Environmental Quality</i> , 2007, 18, 514-530.	2.2	15
36	Resource flows of villages with contrasting lifestyles in Nanda Devi Biosphere Reserve, Central Himalaya, India. <i>Journal of Mountain Science</i> , 2005, 2, 271-293.	0.8	14

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37	Multi-Temporal Monsoon Crop Biomass Estimation Using Hyperspectral Imaging. Remote Sensing, 2019, 11, 1771.	1.8	13
38	Potential of manure based biogas to replace conventional and non-conventional fuels in India. Management of Environmental Quality, 2015, 26, 3-20.	2.2	8
39	Structure and composition of field margin vegetation in the rural-urban interface of Bengaluru, India: a case study on an unexplored dimension of agroecosystems. Environmental Monitoring and Assessment, 2020, 192, 520.	1.3	8
40	Ecological and socioeconomic impacts of conservation policies in biodiversity hotspots: a case study from Rajiv Gandhi National Park, India. Journal of Environmental Studies and Sciences, 2012, 2, 165-177.	0.9	7
41	Biodiversity of Semiarid Landscape. Environmental Science and Engineering, 2015, , .	0.1	7
42	Drivers and consequences of biophysical landscape change in a peri-urbanâ€“rural interface of Guwahati, Assam. Environment, Development and Sustainability, 2020, 22, 791-811.	2.7	7
43	An assessment of socio-economic vulnerability at the household level: a study on villages of the Indian Sundarbans. Environment, Development and Sustainability, 2021, 23, 11120-11137.	2.7	6
44	Transitional Peri-urban Landscape and Use of Natural Resource for Livelihoods. Environmental Science and Engineering, 2020, , 435-457.	0.1	6
45	Conceptual model development for landscape management in the mountains of the Indian Himalayan region: an approach for sustainable socio-ecological development. Landscape Online, 0, 18, 1-19.	0.0	6
46	Conservation and Management of Forest Resources in India: Ancient and Current Perspectives. Natural Resources, 2015, 06, 256-272.	0.2	6
47	Plant Biodiversity and Its Conservation in Institute for Social and Economic Change (ISEC) Campus, Bangalore: A Case Study. Journal of Biodiversity, 2011, 2, 9-26.	0.4	4
48	Analysis of Policies in Sustaining Sandalwood Resources in India. Environmental Science and Engineering, 2016, , 327-346.	0.1	4
49	Land-use change in Indian tropical agro-ecosystems: eco-energy estimation for socio-ecological sustainability. Environmental Monitoring and Assessment, 2017, 189, 168.	1.3	4
50	Methodology for Biodiversity (Flora and Fauna) Study. Environmental Science and Engineering, 2015, , 13-37.	0.1	4
51	Building an agroecological model to understand the effects of agrochemical subsidies on farmer decisions. Agroecology and Sustainable Food Systems, 2022, 46, 712-735.	1.0	4
52	Confronting the climate change challenge: discussing the role of rural India under cumulative emission budget approach. Environmental Science and Policy, 2011, 14, 1103-1112.	2.4	3
53	Interactions Between Humans and Ecosystems in Himalayas of India and Its Socioeconomic and Ecological Consequences: An Ecological Modelling Approach. , 2017, , 39-57.		3
54	Participatory active restoration of communal forests in temperate Himalaya, India. Restoration Ecology, 0, , e13486.	1.4	2

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55	Socio-economic and Eco-biological Dimensions in Resource Use and Conservation: Epilogue. Environmental Science and Engineering, 2020, , 547-553.	0.1	2
56	Plant Biodiversity. Environmental Science and Engineering, 2015, , 39-243.	0.1	2
57	Promoting and Enhancing Sustainable Livelihood Options as an Adaptive Strategy to Reduce Vulnerability and Increase Resilience to Climate Change Impact in the Central Himalaya. Environmental Science and Engineering, 2013, , 555-574.	0.1	2
58	Plant diversity and associated traditional ecological knowledge of Soliga tribal community of Biligiriranga Swamy Temple Tiger Reserve (BRTTR):A biogeographic bridge for Western and Eastern Ghats, India. Medicinal Plants - International Journal of Phytomedicines and Related Industries, 2016, 8, 1.	0.1	2
59	Cross-cultural ethnobotany and conservation of medicinal and aromatic plants in the Nilgiris, Western Ghats: A case study. Medicinal Plants - International Journal of Phytomedicines and Related Industries, 2011, 3, 27.	0.1	2
60	Conceptual model development for landscape management in the mountains of the Indian Himalayan region: an approach for sustainable socio-ecological development. Landscape Online, 0, 18, 1-19.	0.0	2
61	Knowledge Systems of Societies for Adaptation and Mitigation of Impacts of Climate Change: Prologue. Environmental Science and Engineering, 2013, , 1-6.	0.1	2
62	A modeling approach for natural resource management in nature protection areas in the Indian Himalayan region. Management of Environmental Quality, 2008, 19, 335-352.	2.2	1
63	Biodiversity Monitoring and its Distribution in and Around Uranium Mining Area of Gogi, Gulbarga (Yadgir), Karnataka: A Case Study. Journal of Biodiversity, 2013, 4, 69-77.	0.4	1
64	Avian conservation under two management regimes: a case study from the viewpoint of governance and social dimension. Environment Systems and Decisions, 2020, 40, 148-169.	1.9	1
65	Field Margin Vegetation and Socio-Ecological Environment. Environmental Science and Engineering, 2021, , .	0.1	1
66	Rural India as Key Factor to Cope with Climate Change. Environmental Science and Engineering, 2013, , 693-716.	0.1	1
67	Butterfly of Assam University Campus in Silchar: Can Academic Institutions Contribute to Conservation of Species Diversity in Northeastern Region of India?. Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis, 2015, 63, 731-739.	0.2	1
68	Macro to Micro Viewpoint of Climate Change - Linking Karnataka to Global Issue. Natural Resources, 2011, 02, 22-27.	0.2	1
69	Cross-Cultural Ecological Knowledge related to the use of plant biodiversity in the traditional health care systems in Biligiriranga-Swamy Temple Tiger Reserve, Karnataka. Medicinal Plants - International Journal of Phytomedicines and Related Industries, 2014, 6, 254.	0.1	1
70	Integrated Landscape Modelling in India: Evaluating the Scope for Micro-Level Spatial Analysis over Temporal Scale. , 2019, , 289-315.		1
71	Socio-Economic and Eco-Biological Dimensions in Resource Use and Conservation: Prologue. Environmental Science and Engineering, 2020, , 1-10.	0.1	1
72	Role of traditional ecological knowledge on field margin vegetation in sustainable development: A study in a rural-urban interface of Bengaluru. Trees, Forests and People, 2022, 8, 100207.	0.8	1

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73	Dynamics of Agricultural Livelihoods in Peripheral Villages of a Protected Area in South India. , 2022, , 411-424.		1
74	Knowledge Systems of Societies for Adaptation and Mitigation of Impacts of Climate Change: Epilogue. Environmental Science and Engineering, 2013, , 717-720.	0.1	0
75	Research Approach to Analyze Climate Change Impacts in Rural Regions of India and to Explore Potential Adaptation Strategies for Biodiversity Conservation and Livelihood Development. Environmental Science and Engineering, 2016, , 561-579.	0.1	0
76	Dynamics of Field Margin Vegetation with Changing Agricultural Landscape Across a Rural-Urban Interface. Urban Book Series, 2021, , 183-196.	0.3	0
77	Delineation and Monitoring of FMV. Environmental Science and Engineering, 2021, , 95-113.	0.1	0
78	Spatio-Temporal Dynamics of Rural-Urban Interface and FMV. Environmental Science and Engineering, 2021, , 77-94.	0.1	0
79	Agroecosystems in Rural-Urban Interface. Environmental Science and Engineering, 2021, , 41-56.	0.1	0
80	Strategizing FMV Conservation for Sustainable Agroecosystems in Rural-Urban Interface. Environmental Science and Engineering, 2021, , 121-128.	0.1	0
81	Urbanization and Peri-Urbanization in Bengaluru. Environmental Science and Engineering, 2021, , 17-40.	0.1	0
82	Structure and Functions of FMV in Rural-Urban Interface. Environmental Science and Engineering, 2021, , 57-76.	0.1	0
83	Introduction to Field Margin Vegetation (FMV). Environmental Science and Engineering, 2021, , 1-15.	0.1	0
84	From Thaler and Thünen until Today: Past and Future of Agricultural Landscape Use in Germany. Natural Resources, 2010, 01, 57-68.	0.2	0
85	Replacing Conventional Fuels through Biogas for Mitigating the Threats related to Climate Change in India: A State-wise Assessment for Emission Reduction. , 2015, , 183-202.		0
86	Remote Sensing and GIS in Understanding the Landscape Dynamics. Environmental Science and Engineering, 2015, , 377-390.	0.1	0
87	Climate Change Challenge (3C) and Social-Economic-Ecological Interface-Building Exploring Potential Adaptation Strategies for Bio-resource Conservation and Livelihood Development: Epilogue. Environmental Science and Engineering, 2016, , 631-639.	0.1	0
88	Climate Change Challenge (3C) and Social-Economic-Ecological Interface-Building Exploring Potential Adaptation Strategies for Bio-resource Conservation and Livelihood Development: Prologue. Environmental Science and Engineering, 2016, , 1-8.	0.1	0
89	Socioeconomic and Ecological Modeling for Sustainable Landscape Management in Indian Himalayan Perspective. Environmental Science and Engineering, 2016, , 597-628.	0.1	0
90	Distribution of Western Hoolock Gibbons and Nutritional Status of Food Plants in Cachar District of Assam, India: Reaching Out to Local Communities for Conservation. Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis, 2019, 67, 25-39.	0.2	0

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91	Post-independence conservation policies and implementation in India. , 2019, , 180-192.		0
92	Breathing Fresh: Insights to Positive Externalities of Covid-19 Lockdown in Indian Megacities. Journal of Human Ecology: International, Interdisciplinary Journal of Man-environment Relationship, 2020, 71, .	0.1	0
93	ADAPTATION TO CLIMATE CHANGE BASED ON FARMERSâ€™PERCEPTION: A STUDY ON INDIGENOUS HILLS CULTIVATORS IN NAGALAND, INDIA. Journal of Mountain Research, 2020, 15, .	0.0	0
94	Wildlife Conservation Perspective of Fringe Villagers and Their Socio-economic Dependency: A Case Study from Borail Wildlife Sanctuary, Assam, India. Environmental Science and Engineering, 2020, , 287-301.	0.1	0