

3.4.5 Q_nM	<p>Number of research papers published per teacher in the Journals as notified on UGC website during the last five years</p> <p>3.4.5.1: Number of research papers published in the Journals as notified on UGC website during the last five years</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Year</td> <td>2016</td> <td>2017</td> <td>2018</td> <td>2019</td> <td>2020</td> </tr> <tr> <td>Number</td> <td>86</td> <td>82</td> <td>78</td> <td>56</td> <td>112</td> </tr> </table> <p>Data Requirements: (As per Data Template)</p> <ul style="list-style-type: none"> • Title of paper • Name of the author/s • Department of the teacher • Name of the journal • Year of publication • ISBN/ISSN number <p>Formula:</p> $\frac{\text{Number of publications in UGC notified journals during the last five years}}{\text{Average number of full time teachers during the last five years}}$ <p>File Description (Upload)</p> <ul style="list-style-type: none"> • Any additional information • List of research papers by title, author, department, name of journal and year of publication (Data Template) 	Year	2016	2017	2018	2019	2020	Number	86	82	78	56	112	15
Year	2016	2017	2018	2019	2020									
Number	86	82	78	56	112									

DVV requirement

Documents Needed

- The HEI should provide the link landing to the paper/article.
- The HEI should provide link to the journal website.
- The HEI should provide screenshots of research articles clearly showing the title of the article, affiliation, name of the journal, year and authors name if the links and DOI number are not available.
- The HEI should indicate in the data template against each paper about the presence of the paper in the UGC CARE list/Scopus/Web of Science/other clearly.

Specific instruction to HEI

Publication of the authors with institution affiliation will be considered for assessment years only.

Avoid the following while uploading data

Incomplete entries will not be considered.

If details given are not complete with the links/screenshot, the respective publication will not be considered.

Data Template

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal		
						Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science /other, mention

Annexure 3.4.5.A

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Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal		
						Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science /other, mention
A Commentary on "Out of Focus or Inappropriate Paradigm Choice: What	Mahajan R	Department of Business and Sustainability	Jindyasa	2016	0976-0326	ms.edu/assets/docs/JIDNYAS_A_Vol8_Issue2_2016.pdf		
A review of chronological development incook stove assessment methods:	Arora, P., Jain, S.	Department of Energy and Environment	and Sustainable Energy	2016	1364-0321		https://doi.org/10.1016/j.rser.2015.10.142	https://www.scopus.com/sourceid/27567
A water-withdrawal input-output model of the Indian economy	Bogra S., Bakshi B.R., Mathur R.	Department of Energy and Environment	Environmental Science and Technology	2016	0013-936X		DOI: 10.1021/acs.est.5b03492	https://www.scopus.com/sourceid/21537
An indicator-based approach to assess village-level social and biophysical vulnerability of agriculture communities in Uttarakhand, India	Roopam Shukla, Kamna Sachdeva and Pawan Kumar	Department of Energy and Environment	Journal of Mountain Science	2016	1672-6316		https://doi.org/10.1007/s11629-016-4058-4	https://www.scopus.com/sourceid/5400152709
Analysis of Challenges for Management Education in India using Total Interpretive	Agrawal R, Sharma S and Nangia VK	Department of Business and Sustainability	Quality Assurance in Education	2016	0968-4883		https://doi.org/10.1108/QAE-07-2013-0030	https://www.scopus.com/sourceid/144658
Analysis of genetic diversity and population structure in Capsicum landraces from North Eastern India using TE-	Islam M.A., Sinha P., Sharma S.S., Negi M.S.,	Department of Biotechnology	Plant Molecular Biology Reporter	2016	0735-9640		https://doi.org/10.1007/s11105-015-0968-5	https://www.scopus.com/sourceid/14227
Analysis of Genetic Diversity of Indian Tea Accessions Using Two Modified Amplified Fragment Length Polymorphism Methods	Negi MS, Sharma SS, Singh A , Chauhan S, Adholeya A, Tripathi SBT	Department of Biotechnology	Academy of Sciences, India Section B: Biological Sciences	2016	0369-8211		https://doi.org/10.1007/s40011-016-0798-8	https://www.scopus.com/sourceid/19900193617
Automated detection and temporal monitoring of crevasses using remote sensing and their implications for	Bhardwaj A., Sam L., Singh S., Kumar R.	Department of Natural Resources	Annals of Glaciology	2016	0260-3055		https://doi.org/10.3189/2016AOG71A496	https://www.scopus.com/sourceid/110607
Benchmarking sustainability using indicators: An Indian case study	Archna Kumar, Prateek Sharma, Sumit	Department of Energy and Environment	Ecological Indicators	2016	1470-160X		https://doi.org/10.1016/j.ecoli.2015.10.049	https://www.scopus.com/sourceid/20292
BIM (BCL-2 interacting mediator of cell death) SAHB (stabilized α helix of BCL2) not always convinces BAX	Goyal S., Tyagi C., Jamal S., Singh A.,	Department of Biotechnology	Journal of Molecular Graphics and Modelling	2016	1093-3263		https://doi.org/10.1016/j.jmgm.2016.05.007	https://www.scopus.com/sourceid/24621
Bio-electro catalytic treatment of petroleum produced water: Influence of cathode potential upliftment	Jain P., Srikanth S., Kumar M., Sarma P.M.,	Department of Biotechnology	Bioresource Technology	2016	0960-8524		https://doi.org/10.1016/j.biortech.2016.08.048	https://www.scopus.com/sourceid/15423
Changes in DNA methylation levels during seed development in Jatropha curcas	Pandey P., Malik A.A., Kumar K., Negi M.S.,	Department of Biotechnology	Journal of Genetics	2016	0022-1333		https://doi.org/10.1007/s12041-016-0703-5	https://www.scopus.com/sourceid/18924
Changes in the Distribution of Cultivated Land and Occupational Pattern in Rural West Bengal	Shantanu De Roy	Department of Policy Studies	Indian Society of Agricultural Economic	2016		adema.edu/31744500/Changes_in_the_Distribution_of_Cultivated_Land_and_Occupational_Pattern_in		

3.4.5.2

3.4.5.A.

Characterization of Free-Fall Dust Aerosols at Two Different Heights in Delhi: Understanding the Influence of Carbon Fraction.	Sachdeva, Kamna and Yadav, S.	Department of Energy and Environment	Hazardous, Toxic, and Radioactive Waste	2016	2153-5493		DOI: 10.1061/(ASCE)HZ.2153-5515.0000311	https://www.scopus.com/sourceid/19900192156
Cheminformatics based machine learning approaches for assessing glycolytic pathway antagonists of	Tiwari K., Jamal S., Grover S., Goyal S.,	Department of Biotechnology	Chemistry and High Throughput Screening	2016	1386-2073		DOI : 10.2174/1386207319666160610080716	https://www.scopus.com/sourceid/23453
Chickpea ferritin CaFer1 participates in oxidative stress response, and promotes growth and development	Parveen S., Gupta D.B., Dass S., Kumar A., Pandey A.,	Department of Biotechnology	Scientific Reports	2016	2045-2322		doi:10.1038/srep31218	https://www.scopus.com/sourceid/21100200805
Comparison of national level biomass maps for conterminous US:	Neeti Neeti, Robert Kennedy	Department of Natural Resources	Carbon Balance and Management	2016	1750-0680		https://doi.org/10.1186/s13021-016-0060-y	https://www.scopus.com/sourceid/5800179606
Comparison of urate-lowering efficacy and safety of febuxostat and allopurinol in gout patients	Singh, Hemant Kumar, Udit Soni, Shikhar Tyagi, Kritika Aggarwal, Kavita	Department of Biotechnology	Heterocyclic Letters	2016	2231-3087	https://www.heteroletters.org/issue16/PDF/Paper-16.pdf		e.com/search-results?issn=2231-3087&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Conversion of biomass-generated syngas into next-generation liquid transport fuels through microbial	Verma D., Singla A., Lal B., Sarma P.M.	Department of Biotechnology	Current Science	2016	ISSN 0011-3891		10.18520/cs/v110/i3/329-336	https://www.scopus.com/sourceid/20699
Dalit Experience of Access to Sanitation with Special Reference to Rural India	Swarup Dutta and Ashok Bharti	Department of Policy Studies	Journal of Economic and Social Studies	2016	1986-8499	searchgate.net/publication/326008287_Dalit_Experience_of_Access_to_Sanitation_With_Special_Refer		e.com/search-results?issn=1986-8499&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
DEM-based delineation for improving geostatistical interpolation of rainfall in mountainous region of Central	Kumari M., Singh C.K., Bakimchandra O., Basistha A.	Department of Energy and Environment	Theoretical and Applied Climatology	2016	0177-798X		https://doi.org/10.1007/s00704-016-1866-y	https://www.scopus.com/sourceid/14171
Development of functionalized quantum dots modified poly(vinyl alcohol) membranes for fuel cell applications	Singh Malik, Udit Soni, SAMPAT SINGH CHAUHAN, PAWAN VERMA and	Department of Biotechnology	RSC Advances	2016	2046-2069		DOI:10.1039/C6RA03365B	https://www.scopus.com/sourceid/21100199840
Effect of sporadic destratification, seasonal overturn, and artificial mixing on CH4 emissions from a subtropical hydroelectric reservoir	Guérin F., Deshmukh C., Labat D., Pighini S., Vongkhamso A., Guédant P., Rode W., Godon A., Chanudet V.,	Department of Policy Studies	Biogeosciences	2016	1726-4170		doi:10.5194/bg-13-3647-2016	https://www.scopus.com/sourceid/130037
Energy and carbon footprints of sewage treatment methods.	Singh P., Kansal A., Marque C.C.	Coco-Cola Department of Regional Water Studies	Journal of Environmental Management	2016	0301-4797		https://doi.org/10.1016/j.jenvman.2015.09.017	https://www.scopus.com/sourceid/23371
Energy demand and CO2 emissions from urban on-road transport in Delhi: Current and future projections under	Aggarwal, P., Jain, S.,	Department of Energy and Environment	Journal of Cleaner Production	2016	0959-6526		https://doi.org/10.1016/j.jclepro.2014.12.012	https://www.scopus.com/sourceid/19167
Environmental benchmarking practices in Indian industries: evidences from an empirical	Suresh Jain, S. Prateek Sharma	Department of Energy and Environment	Benchmarking: An International	2016	1463-5771		https://doi.org/10.1108/BIJ-08-2014-0079	https://www.scopus.com/sourceid/20793

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Estimation of Most Frequent Conditions and Performance Evaluation of Three Photovoltaic Technology Modules	O.S. Sastry, Arun Kumar, Renu, Manander Bangar and B.	Department of Energy and Environment	Journal of Solar Energy Engineering	2016	0199-6231		DOI: 10.1115/1.4034202	https://www.scopus.com/sourceid/13321
Evaluation of LiDAR and image segmentation based classification techniques for automatic building footprint extraction for a	Ramesh P, Singh CK	Department of Energy and Environment	Geocarto International	2016	1010-6049		https://doi.org/10.1080/10106049.2015.1076060	https://www.scopus.com/sourceid/28216
Fragment based G-QSAR and molecular dynamics based mechanistic simulations into hydroxamic-based HDAC	C, Goyal S, Jamal S, Somvanshi P, Grover A	Department of Biotechnology	Journal of Biomolecular Structure and Dynamics	2016	0739-1102		https://doi.org/10.1080/0739102.2015.1113386	https://www.scopus.com/sourceid/17596
Framing Green Consumer Behaviour Research : opportunities and Challenges	Narula ,Anupriya Desore	Department of Business and Sustainability	Social Responsibility Journal	2016	1747-1117		https://doi.org/10.1108/SRJ-08-2014-0112	https://www.scopus.com/sourceid/19900191756
Functional profiling of cyanobacterial genomes and its role in ecological adaptation	Singh DP, Somvanshi P, Rai A	Department of Biotechnology	Genomics Data	2016	2213-5960		doi: 10.1016/j.gdata.2016.06.005	https://www.scopus.com/sourceid/21100283759
GIS based analysis for assessing the accessibility at hierarchical levels of urban green spaces	Gupta K., Roy A., Luthra K., Maithani S., Mahavir	Department of Business and Sustainability	Urban Forestry and Urban Greening	2016	1618-8667		https://doi.org/10.1016/j.ufug.2016.06.005	https://www.scopus.com/sourceid/145301
Green Practices in Business	Sapna A. Narula	Department of Business and Sustainability	IMI Konnect	2016	2321-9378	k.edu.in/imik/images/IMIData/pdf/Konnect-May-June-		
Hsp90: Friends, clients and natural foes	Verma S., Goyal S., Jamal S.,	Department of Biotechnology	Biochimie	2016	0300-9084		https://doi.org/10.1016/j.biochi.2016.05.018	https://www.scopus.com/sourceid/16874
Hydrophobic interactions are a key to MDM2 inhibition by polyphenols as revealed by molecular dynamics	Grover S., Tyagi C., Goyal S., Jamal S.,	Department of Biotechnology	PLoS ONE	2016	1932-6203		https://doi.org/10.1371/journal.pone.0149014	https://www.scopus.com/sourceid/10600153309
Implications of end-user behaviour in response to deficiencies in water supply for electricity consumption : a	Ghosh R and Kansal A	Coco-Cola Department of Regional Water Studies	Journal of Hydrology	2016	0022-1694		https://doi.org/10.1016/j.jhydrol.2016.03.012	https://www.scopus.com/sourceid/50089
Inherent vulnerability of agricultural communities in Himalaya: A village-level hotspot analysis in the Uttarakhand state of India	Roopam Shukla, Kamna Sachdeva and P K Joshi	Department of Energy and Environment	Applied Geography	2016	0143-6228		https://doi.org/10.1016/j.apgeog.2016.07.013	https://www.scopus.com/sourceid/27471
Integrated Assessment of groundwater for agriculture use in Mewat District of Haryana, India using	Mehra M, Oinam B, Singh CK	Department of Energy and Environment	Journal of the Indian Society of Remote Sensing	2016	0255-660X		https://doi.org/10.1007/s12524-015-0541-6	https://www.scopus.com/sourceid/26648
Isolation and characterization of Candida vishwanathii strain TERI MS1 for degradation of petroleum hydrocarbons in	Priya A., Manab Sarma P., Lal B.	Department of Biotechnology	Desalination and Water Treatment	2016	1944-3994		https://doi.org/10.1080/19443994.2015.1134351	https://www.scopus.com/sourceid/19700175585
Low methane (CH4) emissions downstream of a monomictic subtropical hydroelectric reservoir (Nam Theun 2, Lao PDR)	Deshmukh C., Guérin F., Labat D., Pighini S., Vongkhamsoo A., Guédant P., Rode W., Godon A., Chanudet V.,	Department of Policy Studies	Biogeosciences	2016	1726-4170		https://doi.org/10.5194/bg-13-1919-2016	https://www.scopus.com/sourceid/130037
Mapping disaster vulnerability in India using analytical hierarchy process	Chakraborty A., Joshi P.K.	Department of Natural Resources	Natural Hazards and Risk	2016	1947-5705		10.1080/19475705.2014.897656	https://www.scopus.com/sourceid/19700200835
Mapping environmental impacts of rapid urbanization in the National Capital Region	Sharma R., Joshi P.K.	Department of Natural Resources	Urban Climate	2016	2212-0955		https://doi.org/10.1016/j.uclim.2016.01.004	https://www.scopus.com/sourceid/21100220478

3.4.5.A.

Mapping long-term land use and land cover change in the central Himalayan region using a tree-based ensemble	Chakraborty A., Sachdeva K., Joshi P.K.	Department of Energy and Environment	Applied Geography	2016	0143-6228		https://doi.org/10.1016/j.apgeog.2016.07.008	https://www.scopus.com/sourceid/27471
Mapping of spot blotch disease resistance using NDVI as a substitute to visual observation in wheat (<i>Triticum aestivum</i> L.)	Kumar S., Röder M.S., Singh R.P., Kumar S., Chand R.,	Department of Biotechnology	Molecular Breeding	2016	1380-3743		https://doi.org/10.1007/s11032-016-0515-6	https://www.scopus.com/sourceid/19357
Microbial production of 2,3-butanediol through a two-stage pH and agitation strategy in 150l bioreactor	Dureja P., Talukdar P., Rathi R., Lal B., Sarma P.M.	Department of Biotechnology	Biochemical Engineering Journal	2016	1369-703X		https://doi.org/10.1016/j.bej.2015.09.016	https://www.scopus.com/sourceid/16849
Mobile Health Units: Mobilizing Healthcare to Reach Unreachable	Achla B. Khanna, Sapna A. Narula	Department of Business and Sustainability	International Journal of Healthcare Management	2016	2047-9700		https://doi.org/10.1080/20479700.2015.1101915	https://www.scopus.com/sourceid/21100329538
Molecular modeling and lead design of substituted zanamivir derivatives as potent anti-influenza drugs	Dholakia D., Goyal S., Jamal S., Singh A., Das	Department of Biotechnology	BMC Bioinformatics	2016	1471-2105		https://doi.org/10.1186/s12859-016-1374-1	https://www.scopus.com/sourceid/17929
Molecular principles behind pyrazinamide resistance due to mutations in panD gene in <i>Mycobacterium tuberculosis</i>	Grover S., Tyagi C., Goyal S., Jamal S., Singh A.,	Department of Biotechnology	Gene	2016	0378-1119		https://doi.org/10.1016/j.gene.2016.01.024	https://www.scopus.com/sourceid/15636
Multi-criteria approach to geographically visualize the quality of life in India	Prakash M., Shukla R., Chakraborty A., Joshi P.K.	Department of Natural Resources	Journal of Sustainable Development and World Ecology	2016	1350-4509		https://doi.org/10.1080/13504509.2016.1141119	https://www.scopus.com/sourceid/23292
Multilevel policy responses to mainstream climate adaptation through watershed development in rainfed	Chaudhari V.R., Mishra A.	Department of Policy Studies	Climate and Development	2016	1756-5529		https://doi.org/10.1080/1756529.2015.1064808	https://www.scopus.com/sourceid/21100198541
Natural genetic variation in Brassica homologs of FLOWERING LOCUS T	Mayee P, Singh A	Department of Biotechnology	Journal of Plant Biochemistry	2016	0971-7811		https://doi.org/10.1007/s13562-015-0338-2	https://www.scopus.com/sourceid/17624
New Education Policy and the continuing contentions in India	Venkataraman, L N,	Department of Policy Studies	Economic and Political Weekly	2016	2349-8846	w.in/journal/2016/35/draft-policy-education-2016/new-education-policy-and-		https://www.scopus.com/sourceid/19957
Novel group-based QSAR and combinatorial design of CK-1δ inhibitors as neuroprotective agents	Joshi K., Goyal S., Grover S., Jamal S.,	Department of Biotechnology	BMC Bioinformatics	2016	1471-2105		https://doi.org/10.1186/s12859-016-1379-9	https://www.scopus.com/sourceid/17929
Off-grid Energy Development in India: an Approach towards Sustainability	Arabinda Mishra, Gopal K Sarangi and Shivani Wadehra	Department of Policy Studies	Economic and Political Weekly	2016	2349-8846	w.in/journal/2016/22/special-articles/grid-energy-development-		https://www.scopus.com/sourceid/19957
Osmoregulation in <i>Saccharomyces cerevisiae</i> via mechanisms other than the	Saxena A and Sitaraman R	Department of Biotechnology	Microbiology	2016	1350-0872		DOI 10.1099/mic.0.000360	https://www.scopus.com/sourceid/20268
Perfluoroalkyl substances (PFAS) in river and ground/drinking water of the Ganges River basin: Emissions and implications for human exposure	Sharma B.M., Bharat G.K., Tayal S., Larssen T., Bečanová J., Karásková P., Whitehead P.G., Futter M.N.,	Department of Natural Resources	Environmental Pollution	2016	0269-7491		https://doi.org/10.1016/j.envpol.2015.10.050	https://www.scopus.com/sourceid/23916
Plant organellar proteomics in response to dehydration: Turning protein repertoire into insights	Rai Y., Gayali S., Chakraborty S.,	Department of Biotechnology	Frontiers in Plant Science	2016	1664-462X		doi: 10.3389/fpls.2016.00460	https://www.scopus.com/sourceid/21100313905

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3.4.5.A.

Potential Application of Gold Nanostructures in Photodynamic Therapy	Kumar, Arvind Kumar, Devendra Kumar Gangwar, Prabin Kumar,	Department of Biotechnology	Journal of Nanomedicine and Nanotechnology	2016	2157-7439		doi:10.4172/2157-7439.1000349	https://www.scopus.com/sourceid/21100241608
Predicting distribution of major forest tree species to potential impacts of climate	Chakraborty A., Joshi P.K., Sachdeva K.	Department of Energy and Environment	Ecological Engineering	2016	0925-8574		https://doi.org/10.1016/j.ecoleng.2016.10.006	https://www.scopus.com/sourceid/20291
Probiotics as a potential alternative for relieving peripheral neuropathies: A	Saxena A.	Department of Biotechnology	Frontiers in Microbiology	2016	1664-302X		doi:10.3389/fmicb.2015.01497	https://www.scopus.com/sourceid/21100226442
Public hearings in environmental clearance process: Review of judicial intervention	Ram Mohan M.P., Pabreja H.	Centre for Postgraduate Legal Studies	Economic and Political Weekly	2016	2349-8846	w.in/journal/2016/50/special-articles/public-hearings-environmental-clearance-process.html		https://www.scopus.com/sourceid/19957
Re-assessment of wind energy potential with new technology in India	Hossain J., Sharma D., Mishra N.K., Ansari M.Z., Joshi P.K., Sam L., Snehmani	Department of Energy and Environment	Wind Engineering	2016	0309-524X	https://doi.org/10.1177/0309524X16651176	https://doi.org/10.1177/0309524X16651176	https://www.scopus.com/sourceid/13850
Remote sensing of alpine glaciers in visible and infrared wavelengths: a survey of	Bajwa A., Balakrishnan M., Svensson G., Batra V.S.	Department of Natural Resources	Geocarto International	2016	1010-6049		10.1080/10106049.2015.1059903	https://www.scopus.com/sourceid/28216
Removal of volatile organic compounds over bagasse ash derived activated carbons and monoliths	D., G. K. Sarangi, A. Mishra, and S. C.	Department of Energy and Environment	Journal of Environmental Chemical Engineering	2016	2213-3437		https://doi.org/10.1016/j.jece.2016.02.022	https://www.scopus.com/sourceid/21100255493
Replication and scaling-up of isolated mini-grid type of off-grid interventions in India	Palit D., Bandyopadhyay K.R.	Department of Policy Studies	AIMS Energy	2016	2333-8334		DOI:10.3934/energy.2016.2.222	https://www.scopus.com/sourceid/21100836837
Rural electricity access in South Asia: Is grid extension the remedy? A critical review	Islam M.A., Malik A.A., Kumar K., Negi M.S., Shivraj SM, Singh A	Department of Business and Sustainability	and Sustainable Energy	2016	1364-0321		https://doi.org/10.1016/j.rser.2016.03.034	https://www.scopus.com/sourceid/27567
Seed traits, fatty acid profile and genetic diversity assessment in <i>Pongamia pinnata</i> (L.) Pierre germplasm	Mehra M., Singh C.K.	Department of Biotechnology	Physiology and Molecular Biology of Plants	2016	0971-5894		https://doi.org/10.1007/s12298-016-0356-0	https://www.scopus.com/sourceid/16532
Sequence variation in Brassica AP2 and analysis of interaction of AP2-miR172 regulatory	Mehra M., Singh C.K.	Department of Biotechnology	Tissue and Organ Culture (PCTOC)	2016	0167-6857		https://doi.org/10.1007/s11240-015-0938-5	https://www.scopus.com/sourceid/19020
Spatial analysis of soil resources in the Mewat district in the semiarid regions of	Sanjay Kumar Srivastava, Anu Rani Sharma and Kamna Sachdevaa	Department of Energy and Environment	Development and Sustainability	2016	1387-585X		https://doi.org/10.1007/s10668-016-9904-6	https://www.scopus.com/sourceid/20902
Spatial and Temporal variability of fog over the Indo-Gangetic plains, India	Sharma, Prateek Sharma, Mukesh	Department of Natural Resources	World Academy of Science, Engineering and Technology: International Journal of Environmental	2016		https://publications.waset.org/10005967/pdf		
Statistical behaviour of ozone in urban environment.	Sharma, Prateek Sharma, Mukesh	Department of Energy and Environment	Sustainable Environment Research	2016	2468-2039		https://doi.org/10.1016/j.serj.2016.04.006	https://www.scopus.com/sourceid/21100287109

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3.4.5.A.

Sustainability in Higher Education for the Global South: A Conversation across Geographies and Disciplines	S Purushothaman, C Ravi, H Nagendra, M Mathai, S Mundoli, G Joseph, S Barna, N Nawn, R Gopala, M Bursztyn, M	Department of Policy Studies	Sustainability in Debate	2016	2179-9067		DOI: http://dx.doi.org/10.18472/SustDeb.v7n1.2016.17424	https://www.scopus.com/sourceid/21100824458
Sustaining the Farming Household for Sustaining the	N Nawn	Department of Policy Studies	Agrarian Change	2016	1471-0366		10.1111/joac.12085	s.com/sourceid/96592
Targeted delivery system for cancer cells consist of multiple ligands conjugated genetically modified CCMV capsid on	Barwal I., Kumar R., Kateriya S., Dinda A.K.,	Department of Biotechnology	Scientific Reports	2016	2045-2322		doi:10.1038/srep37096	https://www.scopus.com/sourceid/21100200805
The Chromosomal parDE2 Toxin/Antitoxin System of Mycobacterium tuberculosis H37Rv: Genetic and Functional Characterization	Nayyar N, Chawla M, Sitaraman R, Bhatnagar R and Banerjee	Department of Biotechnology	Frontiers in Microbiology	2016	1664-302X		doi: 10.3389/fmicb.2016.00886	https://www.scopus.com/sourceid/21100226442
The Climate Change Conundrum and the Himalayan Forests: The Way Forward into the Future.	Anusheema Chakraborty, Roopam Shukla, Kamna Sachdeva, P. S. Roy	Department of Energy and Environment	Proceedings of the National Academy of Sciences, India Section B: Biological	2016	0369-8211		https://doi.org/10.1007/s40011-016-0788-x	https://www.scopus.com/sourceid/19900193617
The determinants of electricity theft: An empirical analysis of Indian states	Gaur V., Gupta E.	Department of Policy Studies	Energy Policy	2016	0301-4215		https://doi.org/10.1016/j.enpol.2016.02.048	https://www.scopus.com/sourceid/29403
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Understanding trends and shifts in rainfall in parts of northwestern India based on global climatic indices	Narayanan, Ashoke Basistha and Kamna	Department of Energy and Environment	Weather	2016	1477-8696		DOI: 10.1002/wea.2746	https://www.scopus.com/sourceid/14762
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Advanced simulation of biomass gasification in a fluidized bed reactor using	Priyanka Kaushal, Rakesh Tyagi	Department of Energy and Environment	Renewable Energy	2017	0960-1481		https://doi.org/10.1016/j.renene.2016.09.011	https://www.scopus.com/sourceid/27569
An observation-based climatology and forecasts of winter fog in Ghaziabad, India	Srivastava, Anu Rani Sharma and Kamna	Department of Natural Resources	Weather	2017	1477-8696		DOI: 10.1002/wea.2743	https://www.scopus.com/sourceid/14762
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Exposure to in-vehicle respirable particulate matter in passenger vehicles under	Jain, S.	Department of Energy and Environment	Sustainable Environment Research	2017	2468-2039	https://doi.org/10.1016/j.serj.2016.08.006	https://www.scopus.com/sourceid/21100287109
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For Sustainable Development: India's Experiments With Masala Bonds	and Manipadma Datta	Department of Business and Sustainability	Indian Accounting Review	2017	0972-1754	http://iaarf.in/pdf_files/Abstract%20(1).pdf		
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Review of Environment and Development, Theme: Environmental Governance,	Nawn, Sudha Vasani, Ashish Kothari	Department of Policy Studies	Economic and Political Weekly	2017	2349-8846	https://www.epw.in/journal/2017/31		https://www.scopus.com/sourceid/19957
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Water quality modeling for urban reach of Yamuna river, India (1999–2009), using QUAL2Kw	Deepshikha Sharma, Arun Kansal & Greg Pelletier	Coco-Cola Department of Regional Water Studies	Applied Water Science	2017	2190-5495		https://doi.org/10.1007/s13201-015-0311-1	e.com/search-results?issn=2190-5487&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
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Regulatory Framework of Corporate Insolvency in India: The Road Ahead	and Manipadma Datta	Department of Business and Sustainability	Apeejay Business Review	2017	0974-1798	eejay.edu/asm/doc/abr/ABR-Dec-2017-		
Conditions of Employment and Livelihood Security of Informal Workers: A Study of Four Villages in Jalpaiguri District, West Bengal	Mampi Bose, Shantanu De Roy	Department of Policy Studies	South: Journal of Political Economy: A triannual Journal of Agrarian South Network	2017	2277-9760	https://journals.sagepub.com/doi/abs/10.1177/2277976019872869	https://doi.org/10.1177/2277976019872869	

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Influence of urbanization on soil infiltration rates-a case study	Chaudhuria, Syed Wamiq Ali Qazib, Shashank	Coco-Cola Department of Regional Water Studies	Urban India	2017	0970-9045	ua.org/urban-india/urban-india-2017-jul-dec		pune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002493&flag=
Rural electricity access in India in retrospect: A critical rumination	and Kaushik Ranjan Bandyopadhyaya	Department of Energy and Environment	Energy Policy	2017	0301-4215		https://doi.org/10.1016/j.enpol.2017.06.025	https://www.scopus.com/sourceid/29403
Dynamics of fluoroquinolones induced resistance in DNA gyrase of Mycobacterium tuberculosis	Pandey B., Grover S., Tyagi C., Goyal S., Jamal S.,	Department of Biotechnology	Journal of Biomolecular Structure and Dynamics	2018	0739-1102		https://doi.org/10.1080/0739102.2016.1277784	https://www.scopus.com/sourceid/17596
Energy and GHG accounting for wastewater infrastructure	Singh P., Kansal A.	Coco-Cola Department of Regional Water Studies	Resources, Conservation and Recycling	2018	0921-3449		https://doi.org/10.1016/j.resconrec.2016.07.014	https://www.scopus.com/sourceid/26424
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Perception-based evidences for climate change policies.	Chakraborty, A, Shukla, R, Kamna Sachdeva and Joshi, P. K.	Department of Energy and Environment	Economic and Political Weekly	2018	2349-8846	w.in/journal/2018/6/commentary/perception-based-evidence-		https://www.scopus.com/sourceid/19957
Impact of regional climate change and future emission scenarios on surface O3 and PM2.5 over India	Matthieu Pommier, Hilde Fagerli, Michael Gauss, David Simpson, Sumit Sharma, Vinay Sinha, Sachin D.	Department of Natural Resources	Atmospheric Chemistry and Physics	2018	1680-7316		https://doi.org/10.5194/acp-18-103-2018	https://www.scopus.com/sourceid/12091
Aspartate-β-semialdehyde dehydrogenase as a potential therapeutic target of Mycobacterium tuberculosis H37Rv: Evidence from in silico elementary mode analysis of biological network model	Saif Khan, Pallavi Somvanshi, Tulika Bhardwaj, Raju K. Mandal, Sajad A. Dar, Mohd Wahid, Arshad Jawed, Mohtashim	Department of Biotechnology	Journal of Cellular Biochemistry	2018	1097-4644		DOI: 10.1002/jcb.26458	https://www.scopus.com/sourceid/17598
Greenhouse Gas Emissions and Reduction Stratagems from Waste Sector in India	Sourabh Manuja, Atul Kumar, Suneel Pandey	Department of Energy and Environment	Journal of Latest Engineering Research and Applications	2018	2455-7137	acoalition.org/sites/default/files/resources/2018_ghg-emissions-		
Quantitative analysis of the methane gas emissions from municipal solid waste in India	Chander Kumar Singh, Anand Kumar & Soumendu Shekhar Roy	Department of Energy and Environment	Scientific Reports	2018	2045-2322		doi:10.1038/s41598-018-21326-9	https://www.scopus.com/sourceid/21100200805
GaRiRO: Gradient and residual integrated rank ordering of stations in rainfall	Kumari, Chander Kumar Singh	Department of Energy and Environment	Earth Science Informatics	2018	1865-0473		https://doi.org/10.1007/s12145-018-0332-z	https://www.scopus.com/sourceid/14500154730

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Analysis of genetic relatedness among Indian cattle (<i>Bos indicus</i>) using genotyping-by-sequencing markers.	Sharma R., Ahlawat S., Deb R., Negi M.S. Tripathi S.B.	Department of Biotechnology	Animal Genetics	2018	1365-2052		https://doi.org/10.1111/age.12650	https://www.scopus.com/sourceid/21697
Vulnerability assessment of urban road network from urban flood	Prasoon Singh, Vinay Shankar Prasad Sinha, Ayushi	Department of Natural Resources	International Journal of Disaster Risk Reduction	2018	2212-4209		https://doi.org/10.1016/j.ijdr.2018.03.017	https://www.scopus.com/sourceid/21100228018
Synergistic approaches unraveling regulation and aggregation of intrinsically disordered β -amyloids implicated in Alzheimer's	Anchala Kumari, Rinky Rajput, Nidhi Shrivastava,	Department of Biotechnology	The International Journal of Biochemistry & Cell Biology	2018	1357-2725		https://doi.org/10.1016/j.bioce.1.2018.03.014	https://www.scopus.com/sourceid/17542
Recent developments and obstacles in the treatment of melanoma with BRAF and MEK inhibitors	Mohd Wahid, Arshad Jawed, Raju K. Mandal, Sajad A. Dar, Naseem Akhter, Pallavi Somvanshi, Farah Khan, Mohtashim	Department of Biotechnology	Critical Reviews in Oncology Hematology	2018	1040-8428		DOI: https://doi.org/10.1016/j.critrevonc.2018.03.005	https://www.scopus.com/sourceid/29309
The hidden cost of development—a review of mental health issues of	Devika Gupta Prashant Kumar Singh	Department of Policy Studies	Journal of Public Health	2018	2198-1833		https://doi.org/10.1007/s10389-018-0913-9	https://www.scopus.com/sourceid/12252
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Assessing gender responsiveness of forest policies in India	Niharika Tyagi, Smriti Das	Department of Policy Studies	Forest Policy and Economics	2018	1389-9341		https://doi.org/10.1016/j.forpo.1.2018.05.004	https://www.scopus.com/sourceid/22223
Interpreting best available technologies more flexibly: A policy perspective for municipal wastewater management in India and other developing countries	Markus Starkl, Josephine Anthony, Enrique Aymerich, Norbert Brunner, Caroline Chubilleau, Sukanya Das, Makarand M.	Department of Policy Studies	Environmental Impact Assessment Review	2018	0195-9255		https://doi.org/10.1016/j.eiar.2018.03.002	https://www.scopus.com/sourceid/21004
Health risk assessment due to biomass smoke exposure in Indian indoor environment: An empirical approach using lung	Snehlata Tigala, Anu Rani Sharma, Kamna	Department of Natural Resources	Science of The Total Environment	2018	0048-9697		https://doi.org/10.1016/j.scitotenv.2018.05.323	https://www.scopus.com/sourceid/25349
In silico identification of molecular mimics involved in the pathogenesis of	Tulika Bhardwaj, Shafiul	Department of Biotechnology	Microbial Pathogenesis	2018	0882-4010		https://doi.org/10.1016/j.micpath.2018.05.01	https://www.scopus.com/sourceid/22941
Valuing Treated Wastewater and Reuse: Preliminary Implications From a Meta-	Bouzit, M., Das, S., & Cary, L	Department of Policy Studies	Water Economics and Policy	2018	2382-624X		https://doi.org/10.1142/S2382624X16500442	https://www.scopus.com/sourceid/21100907367
Business sustainability : exploring the meaning and significance	Ritika Mahajan and Montu Bose	Department of Business and Sustainability	IMI Konnect: An IMI Kolkata Publication	2018	2321 9378	searchgate.net/publication/333078727_Business_Sustainability_Exploring_the_Meaning		

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Arsenic contamination in Rapti River Basin, Terai region of India	Chander Kumar Singh, Anand Kumar, Sonal Bindal	Department of Energy and Environment	Journal of Geochemical Exploration	2018	0375-6742		https://doi.org/10.1016/j.gexpl.2018.06.010	https://www.scopus.com/sourceid/23222
Gender Difference in Cognitive Health among Older Indian Adults: A Cross-Sectional Multilevel Analysis	Prashant Kumar Singh Domantas Jasilionis	Department of Policy Studies	SSM - Population Health	2018	2352-8273		https://doi.org/10.1016/j.ssmph.2018.06.008	https://www.scopus.com/sourceid/21100443787
Rising Caesarean Births: A Growing Concern	Prashant Kumar Singh, Rajesh Kumar Rai, Shalini Singh and	Department of Policy Studies	Economic & Political Weekly	2018	2349-8846		https://www.epw.in/journal/2018/26-27/commentary/rising-	https://www.scopus.com/sourceid/19957
A computational approach using mathematical modeling to assess the peptidoglycan biosynthesis of Clostridium botulinum ATCC 3502 for	Tulika Bhardwaj, Pallavi Somvanshi	Department of Biotechnology	Gene Reports	2018	2452-0144		https://doi.org/10.1016/j.genrep.2018.07.002	https://www.scopus.com/sourceid/21100445644
Corporate governance and value creation: a study of selected Indian companies	Shinu Vig and Manipadma Datta	Department of Business and Sustainability	International Journal Indian Culture and Business Management	2018	1753-0806		https://doi.org/10.1504/IJICBM.2018.094582	e.com/search-results?issn=1753-0806&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
An efficient method for Agrobacterium-mediated genetic transformation of chilli pepper (<i>Capsicum annuum</i> L.)	Binod K. Mahto, Poonam Sharma, M. V. Rajam, Pallavolu M.	Department of Biotechnology	Indian Journal of Plant Physiology	2018	0019-5502		https://doi.org/10.1007/s40502-018-0389-1	https://www.scopus.com/sourceid/21100228945
Improving the quantum efficiency of the monocrystalline silicon solar cell using erbium-doped zinc	A pattnaik, S Jha, M Tomar, V Gupta, B Prasad and S	Department of Energy and Environment	Materials Research Express	2018	2053-1591		https://doi.org/10.1088/2053-1591/aad602	https://www.scopus.com/sourceid/21100432452
Can Lateral Entry in the IAS Ensure Good Governance?	L. N. Venkataraman	Department of Policy Studies	Economic & Political Weekly	2018	2349-8846		https://www.epw.in/engage/article/can-lateral-entry-in-ias-ensure-	https://www.scopus.com/sourceid/19957
Prokaryotic horizontal gene transfer within the human holobiont: ecological-evolutionary inferences,	Ramakrishnan Sitaraman	Department of Biotechnology	Microbiome	2018	2049-2618		DOI: 10.1186/s40168-018-0551-z	https://www.scopus.com/sourceid/21100401152
Energy rating estimation of PV module technologies for different climatic conditions	Brinchi Bora, Rajesh Kumar, O.S.Sastry, Basudev Prasad, Som	Department of Energy and Environment	Solar Energy	2018	0038-092X		https://doi.org/10.1016/j.solener.2018.09.069	https://www.scopus.com/sourceid/13333
Facile synthesis of UV blocking nano-sized Zinc Oxide and Polymethyl-methacrylate polymer	Ashna Rawat, Udit Soni, Rajender Singh Malik	Department of Biotechnology	Nano-Structures & Nano-Objects	2018	2352-507X		https://doi.org/10.1016/j.nanos.2018.09.002	https://www.scopus.com/sourceid/21100416140
Parameters of Successful Wastewater Reuse in Urban India	Kelly D. Alley, Nutan Maurya, and	Department of Policy Studies	Indian Politics & Policy	2018	2573-8054		doi: 10.18278/inpp.1.2.4	
Challenges in Shale Gas Production Cannot Be Resolved by Generic Environment Clearance Processes	Shashikant Yadav, Gopal K Sarangi, M P Ram Mohan	Department of Policy Studies	Economic & Political Weekly	2018	2349-8846		https://www.epw.in/engage/article/challenges-shale-gas-production-cannot-be-resolved-	https://www.scopus.com/sourceid/19957
Health financing strategies to reduce out-of-pocket burden in India: a comparative study of	Montu Bose and Arijita Dutta	Department of Business and Sustainability	BMC Health Services Research	2018	1472-6963		https://doi.org/10.1186/s12913-018-3633-5	https://www.scopus.com/sourceid/28098

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Semi-Automated Cemetery Mapping using Smartphones	N. Demir and N. Yogeswaran	Department of Natural Resources	The International Archives of the Photogrammetry, Remote Sensing and	2018	1682-1777		https://doi.org/10.5194/isprs-archives-XLII-5-59-2018
residential buildings of Nigeria: A preliminary attempt towards potential estimation	Michael O. Dioha and Atul Kumar	Department of Energy and Environment	AIMS Energy	2018	2333-8334		doi: 10.3934/energy.2018.5.710. https://www.scopus.com/sourceid/21100836837
Sustainability reporting practices in India: A study of selected conglomerates	Anushree Poddar and Sapna A. Narula	Department of Business and Sustainability	Change :Briefings in Entrepreneurial Finance	2018	1099-1697		https://doi.org/10.1002/jsc.2238 https://www.scopus.com/sourceid/21100409365
Displacement, Indigenous Knowledge, and the RFCTLARR Act: A Critical	Swarup Datta, Adam Runacres and	Department of Policy Studies	Resources, Energy and Development	2018	0975-7554		DOI: 10.3233/RED-151203 https://www.scopus.com/sourceid/144845
“AIS 2.0”: Technological changes, implications and policy recommendations	Arun Pratap Golaya and Nithiyandam Yogeswaran	Department of Natural Resources	Affairs: Journal of the National Maritime	2018	1946-6609		https://doi.org/10.1080/09733159.2018.1564555 https://www.scopus.com/sourceid/21100456179
The privatisation of public welfare in India	Laksh N. Venkataraman	Department of Policy Studies	Social Work and Society International Online Journal	2018	1613-8953	https://www.socialwork.net/sws	https://www.scopus.com/sourceid/5800169741
Crisis of the forest community in postcolonial Indian forest policies and laws	Amit Jain and Smriti Das	Department of Policy Studies	Environmental Sociology	2018	2325-1042		10.1080/23251042.2018.1492663 https://www.scopus.com/sourceid/21100870585
A detailed experimental analysis of air–steam gasification in a dual fired downdraft biomass gasifier enabling hydrogen enrichment in the producer gas	Kodanda Ram, Nameirakpam Rajesh Singh, Perumal Raman, Atul Kumar,	Department of Energy and Environment	Energy	2018	0360-5442		https://doi.org/10.1016/j.energy.2019.115937 https://www.scopus.com/sourceid/29348
Clostridium botulinum reveals unique targets for drug development	Bhardwaj Pallavi Somvanshi	Department of Biotechnology	Gene	2018	0378-1119		https://doi.org/10.1016/j.gene.2017.04.019 https://www.scopus.com/sourceid/15636
Biological Processes for non-segregated Municipal Solid Waste (MSW) leachate	Chaturvedi Priyanka Kaushal	Department of Energy and Environment	Environmental Technology & Innovation	2018	2352-1864		https://doi.org/10.1016/j.eti.2017.11.008 https://www.scopus.com/sourceid/21100385961
the flat bottom and shallow Nam Theun 2 Reservoir: drawdown area as a neglected pathway to the atmosphere	Chandrashekar Deshmukh., Arun Kansa et al...	Coco-Cola Department of Regional Water Studies	Biogeosciences	2018	1726-4170		https://doi.org/10.5194/bg-15-1775-2018 https://www.scopus.com/sourceid/130037
mechanism to ex-post budget balance in a model of land acquisition	Soumendu Sarkar	Department of Policy Studies	Mathematical Social Sciences	2018	0165-4896		10.1016/j.mathsocsci.2018.01.004 https://www.scopus.com/sourceid/25057
and Its Impact on Health Status: A Study from Developing Countries Perspective	Montu Bose	Department of Business and Sustainability	International Journal of Healthcare Sciences	2018	2348-5728	searchpublish.com/journals-inner.php/IJHS?id=IJHS	
Examining the rainfall–topography relationship using non-stationary modelling technique in semi-arid Aseer region, Saudi Arabia	Javed Mallick, Ram Karan Singh, Roohul Abad Khan, Chander Kumar Singh, Nabil Ben Kahla, Essam Ibrahim Warrag, Saiful	Department of Energy and Environment	Arabian Journal of Geosciences	2018	1866-7511		https://doi.org/10.1007/s12517-018-3580-9 https://www.scopus.com/sourceid/17400154823

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Brassica MIR172 in polyploid Brassicas: ectopic expression of variants of Brassica MIR172 accelerates floral	S. M. Shivaraj, Aditi Jain, Anandita Singh	Department of Biotechnology	Molecular Genetics and Genomics	2018	1617-4615		https://doi.org/10.1007/s00438-018-1444-3	https://www.scopus.com/sourceid/18964
In silico identification of immunodominant B-cell and T-cell epitopes of non-structural proteins of Usutu Virus	Rohit Satyam Essam Mohammed Janahi Tulika Bhardwaj Pallavi Somvanshi Shafiul	Department of Biotechnology	Microbial Pathogenesis	2018	0882-4010		https://doi.org/10.1016/j.micpath.2018.09.019	https://www.scopus.com/sourceid/22941
Health Care Facilities in Urban India: An Application of Marginal Benefit Incidence Analysis	Montu Bose	Department of Business and Sustainability	Journal of Health Sciences and Research	2018	2249-9571	hsr.org/IJHSR_Vol.8_Issue.2_Feb2018/24.pdf		
Model development and performance evaluation of an earth air heat exchanger under a constrained urban environment	V. Rangarajan, R. Singh & Priyanka Kaushal	Department of Energy and Environment	Modeling Earth Systems and Environment	2018	2363-6203		https://doi.org/10.1007/s40808-018-0524-z	e.com/search-results?issn=2363-6203&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Natural variation in Brassica FT homeologs influences multiple agronomic traits including flowering time, silique shape, oil profile, stomatal morphology and plant height in <i>B. juncea</i>	Shikha Tyagi, Pooja Anjali Mazumdar, Pratiksha Mayee, Shivraj SM, Saurabh Anand, Anupama Singh, Chaithanya Madhurantakam, Prateek	Department of Biotechnology	Plant Science	2018	0168-9452		https://doi.org/10.1016/j.plantsci.2018.09.018	https://www.scopus.com/sourceid/16620
Requirement of Pre-processing in a Waste to Energy (WTE) Plant Based on Indian Municipal Solid Waste (MSW)	Kaushal, P.; Bhaskarwar, A. K.; Grover, P. D.	Department of Energy and Environment	Solid Waste Technology and Management	2018	1088-1697		https://doi.org/10.5276/JSWTM.2018.130	https://www.scopus.com/sourceid/25863
Simulation Based Investigation of Deleterious nsSNPs in ATXN2 Gene and Its Structural Consequence Toward Spinocerebellar Ataxia	Sinha Sharad Verma Aditi Singh Pallavi Somvanshi Abhinav	Department of Biotechnology	Journal of Cellular Biochemistry	2018	1097-4644		https://doi.org/10.1002/jcb.26209	https://www.scopus.com/sourceid/17598
perception, knowledge and behaviour for water quality management of the river Yamuna in India	Tarannum ; Arun Kansal ; Prateek Sharma	Coco-Cola Department of Regional Water Studies	Water Policy	2018	1996-9759		https://doi.org/10.2166/wp.2018.134	https://www.scopus.com/sourceid/18783
Agriculture in the western Himalayas – an asset turning into a liability	Shukla, Anusheema Chakraborty, Kamna Sachdeva & P.K. Joshi	Department of Energy and Environment	Journal Development in Practice	2018	0961-4524		DOI: 10.1080/09614524.2018.1420140	https://www.scopus.com/sourceid/14100
Modelling of Peer to Peer Sharing of Power within Solar Based DC Microgrids	V.S.K.V. Harish, Naqui Anwer, Amit Kumar	Department of Energy and Environment	Trends in Mechanical Engineering & Technology	2018	2347-9965		DOI: https://doi.org/10.37591/tmet.v8i3.1432	
Demystifying vulnerability assessment of agriculture communities in the Himalayas: a systematic review	Shukla, Kamna Sachdeva & P. K. Joshi	Department of Energy and Environment	Natural Hazards	2018	0921-030X		DOI https://doi.org/10.1007/s11069-017-3120-z	https://www.scopus.com/sourceid/23282
Reviewing and revisiting the use of corporate governance indices	Shinu Vig & Manipadma Datta	Department of Business and Sustainability	International Journal of Corporate Governance	2018	1754-3037	pec.org/a/ids/ijcgov/v9y2018i3p227-241.html		pune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000864&flag=

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Vulnerability of forests in the Himalayan region to climate change impacts and anthropogenic disturbances: a systematic review	Chakraborty, Somidh Saha, Kamna Sachdeva & Pawan Kumar Joshi	Department of Energy and Environment	Regional Environmental Change	2018	1436-3798		https://doi.org/10.1007/s10113-018-1309-7	https://www.scopus.com/sourceid/144969
Assessing Public Health Vulnerability due to Poor Indoor Air Quality: A Case Study of Rural Population of Rajasthan	Tigala, S., Sharma, A.R. and Sachdeva, K.	Department of Natural Resources	Advanced Research in Medical Science & Technology	2018	2394-6539	.adrpublication.s.in/index.php/Journal-MedicalSci-MedTechnolog		
Hydro-Geochemical Assessment of Groundwater Quality in Aseer Region, Saudi Arabia	Mallick J, Singh CK, AlMesfer M, Kumar A, Khan R, Islam S, Rahman A	Department of Energy and Environment	Water	2018	2073-4441		https://doi.org/10.3390/w10121847	e.com/search-results?issn=2073-4441&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Review of Environment and Development, Theme: Agrarian Ecology, Second Issue	Nawn, Sudha Vasana, Ashish Kothari	Department of Policy Studies	Economic and Political Weekly	2018	2349-8846	w.in/review-environment-and-		https://www.scopus.com/sourceid/19957
Introduction to Review of Environment and Development	Nandan Nawn, Sudha Vasana, Ashish Kothari	Department of Policy Studies	Economic and Political Weekly	2018	2349-8846	w.in/journal/2018/41/review-environment-and-development/situating-		https://www.scopus.com/sourceid/19957
Techniques for Mapping Coastal Resources of Mahatma Gandhi Marine National Park of Andaman and Nicobar	Nithyananda Yogeswaran and Lakshmi P	Department of Natural Resources	The Indian Geographical Journal	2018	0019 - 4824	ai.org/IGJ/IGJ-Vol_93_2018-Special-Theme-		
Reducing everything to shillings and pence: Analysis of a Marxist perspective on the Bhagavadgita	Sitaraman R	Department of Biotechnology	Dialogue (A quarterly journal of Astha Bharati)	2018	0973-0095	https://www.asthabharati.org/Dia_July%2018.pdf		https://www.scopus.com/pune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002400&flag=
waste (C&DW) in India: generation rate and implications of C&DW recycling	Shaleen Singhal & Nikunj Kumar Jain	Department of Energy and Environment	International Journal of Construction Management	2018	1562-3599		https://doi.org/10.1080/15623599.2018.1523300	https://www.scopus.com/sourceid/18800156713
metro rail ridership on group housing property prices in Delhi	Tyagi, Y. and Singhal, S.	Department of Energy and Environment	Real Estate Finance	2018				
Intangibles for tangible outcomes	Shaleen Singhal	Department of Energy and Environment	Cities (Non-peer reviewed online)	2018		enatureofcities.com/2018/02/20/smart-cities/		
Optical study of ZnS nano spheres with varying amount of ethylenediamine for photovoltaic application	Amruta Pattnaik, Monika Tomar, Vinay Gupta, B. Prasad & Som Mondal	Department of Energy and Environment	Integrated Ferroelectrics: An International Journal : International Symposium on Integrated Functionalities	2018	1607-8489		https://doi.org/10.1080/10584587.2018.1514880	https://www.scopus.com/search-results?issn=1058-4587&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=
US Import Refusals of Agricultural Products and Their Impact on the Participation of Indian Firms	Murali Kallummal & Murali Kallummal	Department of Policy Studies	Agrarian South: Journal of Political Economy	2018	2321-0281		https://doi.org/10.1177/2277976018758079	
Situating Agroecology in the Environment-Development Matrix	Nandan Nawn, Sudha Vasana, Ashish Kothari	Department of Policy Studies	Economic and Political Weekly	2018	2349-8846	w.in/journal/2018/41/review-environment-and-development/situating-		https://www.scopus.com/sourceid/19957

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Biennial Conference on Sustainability, Institutions, Incentives: Voices, Policies and Commitments	Nandan Nawn	Department of Policy Studies	Ecology, Economy and Society—the INSEE Journal	2018	2581-6152		https://doi.org/10.37773/ees.v1i2.48	
A novel approach for modelling of small renewable energy hybrid micro grid with storage	Misbah, Aziz Ahmad, Naqui Anwer	Department of Energy and Environment	International Journal of Emerging Technologies and Innovative Research	2018	2349-5162	http://www.jetir.org/papers/JETIR1805457.pdf		
Qualitative and quantitative efficacy measurement of TERI library and information centre resources: A case study	Deepa N., P.K. Bhattacharya, Shantanu Ganguly,	Department of Policy Studies	Library Management	2019	0143-5124		https://doi.org/10.1108/LM-08-2017-0071	https://www.scopus.com/sourceid/144644
Solar photovoltaics pumps operating head selection for the optimum efficiency	Yadav, Atul Kumar, O.S.Sastry, Rupesh	Department of Energy and Environment	Renewable Energy	2019	0960-1481		https://doi.org/10.1016/j.renene.2018.11.013	https://www.scopus.com/sourceid/27569
Explaining travel behaviour with limited socio-economic data: Case study of	Deepty Jain and Geetam Tiwari	Department of Energy and Environment	Travel Behaviour and Society	2019	2214-367X		https://doi.org/10.1016/j.tbs.2018.12.001	https://www.scopus.com/sourceid/21100316002
Analyzing Social Networks to Examine the Changing Governance Structure of Springsheds: A Case Study of Sikkim in the Indian Himalayas	Maya Sen, Aprajita Singh, Navarun Varma, Divya Sharma, Arun	Coco-Cola Department of Regional Water Studies	Environmental Management	2019	0364-152X		https://doi.org/10.1007/s00267-018-1128-0	https://www.scopus.com/sourceid/21478
For Restoration of Traditional Agro-forest Ecosystems Providing Biodiversity:	Kavita Sardana	Department of Policy Studies	Ecological Economics	2019	0921-8009		10.1016/j.ecolecon.2018.12.015	https://www.scopus.com/sourceid/20290
An assessment for the selection of weather profiles for performance testing of SPV pumps in Indian climate	Kamlesh Yadav, Atul Kumar, O.S.Sastry,	Department of Energy and Environment	Solar Energy	2019	0038-092X		https://doi.org/10.1016/j.solener.2018.12.021	https://www.scopus.com/sourceid/13333
Solar PV mini-grids versus large-scale embedded PV generation: A case study of Uttar Pradesh (India)	C.Bhattacharya, Debajit Palit, Gopal K.Sarangi, Vivek Srivastava and	Department of Policy Studies	Energy Policy	2019	0301-4215		https://doi.org/10.1016/j.enpol.2018.12.040	https://www.scopus.com/sourceid/29403
Effectiveness of Gravity Goods Ropeways in market participation of smallholder farmers in uplands	Diwakar K.C, Tek Maraseni, Chubamenla Jamir, Ritendra Thapa Magar,	Department of Energy and Environment	Transportation	2019	0049-4488		https://doi.org/10.1007/s11116-018-9970-8	https://www.scopus.com/sourceid/20864
Quantifying Air Pollution Vulnerability and its Distributional Consequences: some perspectives from Delhi	Gupta, Sukanya Das and M.N. Murty	Department of Policy Studies	Ecology, Economy and Society—the INSEE Journal	2019	2581-6152	manticscholar.org/8327/1a009637d4c22a150035b9d84570		
Drug repurposing against arabinosyl transferase (EmbC) of Mycobacterium tuberculosis: Essential dynamics and free energy	Aditi Singh, Pallavi Somvanshi and Abhinav Grover	Department of Biotechnology	Gene	2019	0378-1119		https://doi.org/10.1016/j.gene.2019.01.029	https://www.scopus.com/sourceid/15636
A study of corporate social responsibility practices of the top Bombay Stock Exchange 500 companies in India and their alignment with the	Anushree Poddar, Sapna A. Narula and Ambika Zutshi	Department of Business and Sustainability	Corporate Social Responsibility and Environmental	2019	1535-3966		https://doi.org/10.1002/csr.1741	https://www.scopus.com/sourceid/21873
Hydropower development in the Hindu Kush Himalayan region: Issues, policies and opportunities	Abid Hussain, Gopal K.Sarangi ,Anju Pandit, Sultan Ishaq, Nabir Mamnun, Bashir Ahmad	Department of Policy Studies	Renewable and Sustainable Energy Reviews	2019	1364-0321		https://doi.org/10.1016/j.rser.2019.03.010	https://www.scopus.com/sourceid/27567

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Urban Water Security Assessment Using an Integrated Metabolism Approach—Case Study of the	Ruchira Ghosh, Arun Kansal and G Venkatesh	Coco-Cola Department of Regional Water Studies	Resources	2019	2079-9276		https://doi.org/10.3390/resources8020062	https://www.scopus.com/sourceid/21100808642
Assessing national vulnerability to phosphorus scarcity to build food system resilience: The case of India	Madhuri Nanda, Dana Cordell, Arun Kansal	Coco-Cola Department of Regional Water Studies	Journal of Environmental Management	2019	0301-4797		https://doi.org/10.1016/j.jenvman.2019.03.115	https://www.scopus.com/sourceid/23371
Application of Stochastic Frontier Production Function in Sugarcane Industry-treated Wastewater Reuse in Agriculture: Case Study of a	Karthick Radhakrishnan, Sukanya Das	Department of Policy Studies	Arthaniti: Journal of Economic Theory and Practice	2019	0976-7479		https://doi.org/10.1177/0976747918825019	
Isolation, Purification, and Characterization of Heparinase from <i>Streptomyces variabilis</i> MTCC 12266	Vineta Singh, Shafiul Haque, Vibha Kumari, Hesham A. El-Enshasy, B. N. Mishra, Pallavi	Department of Biotechnology	Scientific Reports	2019	2045-2322		https://www.nature.com/articles/s41598-019-42740-7	https://www.scopus.com/sourceid/21100200805
Predicting groundwater arsenic contamination: Regions at risk in highest populated state of	Sonal Bindal and Chandher Kumar Singh	Department of Energy and Environment	Water Research	2019	0043-1354		https://doi.org/10.1016/j.watres.2019.04.054	https://www.scopus.com/sourceid/18795
Achieving water security in rural Indian Himalayas: A participatory account of challenges and potential	Sudeshna Maya Sen and Arun Kansal	Coco-Cola Department of Regional Water Studies	Journal of Environmental Management	2019	0301-4797		https://doi.org/10.1016/j.jenvman.2019.05.132	https://www.scopus.com/sourceid/23371
Anthropology of changing paradigms of urban water systems	Ruchira Ghosh and Arun Kansal	Coco-Cola Department of Regional Water Studies	Water History	2019	1877-7236		https://doi.org/10.1007/s12685-019-00229-0	https://www.scopus.com/sourceid/19400158702
Business community engagement: A case of mining company in India	Sapna A. Narula, Muneer Ahmad Magry and Ashima Mathur	Department of Business and Sustainability	Business Strategy and Development	2019	2572-3170		https://doi.org/10.1002/bsd.2664	e.com/search-results?issn=2572-3170&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
For Wastewater Treatment in New Delhi: Contingent Valuation Approach	Vasudha Chopra and Sukanya Das	Department of Policy Studies	Economy and Society—the INSEE Journal	2019	2581-6152		e.org/journal/papers/issue-2-2/65.pdf	
Gender Neutrality: For Sustainability in Power Relations	Anandajit Goswami, Sampurna Goswami and Ashutosh Senger	Department of Policy Studies	International Journal of Sustainable Entrepreneurship and Corporate Social Responsibility	2019	2379-7398		DOI: 10.4018/IJSEC.SR.2019070103	
Marginalisation of off-grid energy sector in Sri Lanka: What lessons could be learnt?	Gopal K. Sarangi, D. Pugazenthi, Arabinda Mishra, Debajit Palit,	Department of Policy Studies	Environment, Development and Sustainability	2019	1387-585X		https://doi.org/10.1007/s10668-019-00422-4	https://www.scopus.com/sourceid/20902
Is adaptation success a flawed concept?	Lisa Dilling, Anjal Prakash, Zinta Zommers, Farid Ahmad, Nuvodita Singh, Sara de Wit, Johanna Nalau,	Coco-Cola Department of Regional Water Studies	Nature Climate Change	2019	1758-6798		https://doi.org/10.1038/s41558-019-0539-0	https://www.scopus.com/sourceid/21100198409
ICT for Public Participation in River Water Quality Management: An Assessment of Knowledge, Readiness and	Tarannum, Arun Kansal, Prateek Sharma	Coco-Cola Department of Regional Water Studies	The Journal of Development Communication	2019	0128-3863		http://jdc.journals.unisel.edu.my/ojs/index.php/jdc/article/vi	https://www.scopus.com/sourceid/99562

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Measuring density and diversity to model travel behavior in Indian context	Deepty Jain and Geetam Tiwari	Department of Energy and Environment	Land Use Policy	2019	0264-8377		https://doi.org/10.1016/j.landusepol.2019.104	https://www.scopus.com/sourceid/14500
model of wastewater reuse: a stakeholders' perspective in the context of India	Sukanya Das, Karthick Radhakrishnan	Department of Policy Studies	Desalination and water treatment	2019	1944-3994		DOI: https://doi.org/10.5004/dwt.2019.110964	https://www.scopus.com/sourceid/19700175585
A Pediatric Case of Accidental Eucalyptus Oil Poisoning from New Delhi, India: Emergency Measures, Historical Context, and Implications for Practice	Ramakrishnan Sitaraman, Gangotri Rao	Department of Biotechnology	Cureus	2019	2168-8184		doi:10.7759/cureus.5734	e.com/search-results?issn=2168-8184&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Indian electricity sector, energy security and sustainability: An empirical assessment	K.Sarangi Arabinda Mishra Youngho Chang Farhad	Department of Policy Studies	Energy Policy	2019	0301-4215		https://doi.org/10.1016/j.enpol.2019.110964	https://www.scopus.com/sourceid/29403
approach with participatory multicriteria analysis for sustainable planning of a niche crop in Indian Himalayas	Sudeshna Maya Sen and Arun Kansal	Coco-Cola Department of Regional Water Studies	Journal of Mountain Science	2019	1672-6316		https://doi.org/10.1007/s11629-019-5437-4	https://www.scopus.com/sourceid/5400152709
resource sustainability: lessons from the Forest Rights Act implementation in India	Das, S.; Tyagi, N.	Department of Policy Studies	International Forestry Review	2019	1465-5489		.org/10.1505/146554819827293204	https://www.scopus.com/sourceid/22822
A two-step approach to integrating gender justice into mitigation policy: examples from India	Michael, Manish Kumar Shrivastava, Arunima	Department of Energy and Environment	Climate Policy	2019	1469-3062		https://doi.org/10.1080/14693062.2019.1676688	https://www.scopus.com/sourceid/22524
Co-designing Indus Water-Energy-Land Futures	Yoshihide Wada... and Nithyanandam Yogeswara	Department of Natural Resources	One Earth	2019	2590-3322		https://doi.org/10.1016/j.oneear.2019.10.006	
shocks and coping decision through enhanced community participation: case studies from Ganga basin, Uttarakhand,	; Neha Khandekar ; Kamna Sachdeva	Department of Energy and Environment	Water Policy	2019	1996-9759		https://doi.org/10.2166/wp.2019.026	https://www.scopus.com/sourceid/18783
transitions in sub-Saharan Africa residential sector: The case of Nigeria	Michael O.Dioha and Atul Kumar	Department of Energy and Environment	and Sustainable Energy	2019	1364-0321		https://doi.org/10.1016/j.rser.2019.109510	https://www.scopus.com/sourceid/27567
Cost effective adaptation to flood: sanitation interventions in the Gandak river basin, India	Dasgupta, Samraj Sahay, Anjal Prakash & Arthur Lutz	Coco-Cola Department of Regional Water Studies	Journal Climate and Development	2019	1756-5529		https://doi.org/10.1080/17565529.2019.1682490	https://www.scopus.com/sourceid/21100198541
mitigation strategies for agriculture in Africa: The case of Nigeria	Michael O. Dioha and Atul Kumar	Department of Energy and Environment	Journal of the Human Environment	2019	0044-7447		https://doi.org/10.1007/s13280-019-01293-9	https://www.scopus.com/sourceid/22704
groundwater contamination in India: evaluating the need for precautionary action	Yadav, Gopal K Sarangi, & MP Ram	Department of Policy Studies	Energy & Natural Resources Law	2019	0264-6811		10.1080/02646811.2019.1693114	https://www.scopus.com/sourceid/21100824895
subsidy for noncommunicable diseases among the elderly in India: an application of benefit incidence analysis	Montu Bose & Somdutta Banerjee	Department of Business and Sustainability	BMC Public Health	2019	1471-2458		https://doi.org/10.1186/s12889-019-8089-y	https://www.scopus.com/sourceid/19621
Prevalence of apomixis in Jatropha: Is it significant?	Anoop Anand Malik, Vivek Kumar Singh, Shyam Sundar Sharma, Madan Singh Negi & Shashi Bhushan	Department of Biotechnology	Biofuels	2019	1759-7269		https://doi.org/10.1080/17597269.2019.1706280	https://www.scopus.com/sourceid/19700201337
Farmer typology to understand differentiated climate change adaptation in Himalaya	Shukla, Ankit Agarwal, Christoph Gornott, Kamna	Department of Energy and Environment	Scientific Reports	2019	2045-2322		https://doi.org/10.1038/s41598-019-56931-9	https://www.scopus.com/sourceid/21100200805

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Unravelling the interaction of glipezide with human serum albumin using various spectroscopic techniques and molecular dynamics studies	Kaziqie Anwer, Khalid I. AlQumaizi, Sha fiul Haque, Pallavi Somvanshi , Nazia Ahmad,	Department of Biotechnology	Journal of Biomolecular Structure and Dynamics	2019	0739-1102		https://doi.org/10.1080/0739102.2019.1711195	https://www.scopus.com/sourceid/17596
in RpsA mutant (Δ 438A) of Mycobacterium tuberculosis: Dynamics of essential motions and free energy landscape	Pallavi Somvanshi Abhinav Grover	Department of Biotechnology	Journal of Cellular Biochemistry	2019	1097-4644		https://doi.org/10.1002/jcb.28013	https://www.scopus.com/sourceid/17598
SUPPRESSOR OF OVEREXPRESSION OF CONSTANS1 influences flowering time, lateral branching, oil quality, and seed yield in Brassica juncea cv. Varuna	Tanu Sri, Anupama Singh, Pratiksha Mayee, S. M. Shivaraj, Prateek	Department of Energy and Environment	Functional & Integrative Genomics	2019	1438-7948		https://doi.org/10.1007/s10142-018-0626-8	https://www.scopus.com/sourceid/22119
know the real business world? Exploring some perspectives on academia-industry collaboration	Ritika Mahajan	Department of Business and Sustainability	International Journal of Management in Education	2019	1750-3868		DOI: 10.1504/IJMIE.2019.100400	https://www.scopus.com/sourceid/21100202718
Field testing of over 30,000 wells for arsenic across 400 villages of the Punjab plains of Pakistan and India: Implications for prioritizing mitigation	Farooqi A., Kumar A., Khattak J.A., Mushtaq N., Hussain I., Ellis T., Singh	Department of Energy and Environment	Science of The Total Environment	2019	0048-9697		https://doi.org/10.1016/j.scitotenv.2018.11.201	https://www.scopus.com/sourceid/25349
A System Dynamics Approach to Understand Respiratory Health Risk in Rural Population.	Tigala, S., Sharma, A.R. and Sachdeva, K.	Department of Natural Resources	of Public Health Research & Development	2019	0976-5506		: 10.5958/0976-5506.2019.00665.X	https://www.scopus.com/sourceid/19700188435
Climate change perception: an analysis of climate change and risk perceptions among farmer types of Indian Western Himalayas	Agarwal, Kamna Sachdeva, J Kurths and PK Joshi	Department of Energy and Environment	Climatic Change	2019	0165-0009		https://doi.org/10.1007/s10584-018-2314-z	https://www.scopus.com/sourceid/12177
Performance evaluation of Z-source inverter and voltage source inverter for renewable energy applications	Saad Nazif Ahamad Faruqui & Naqui Anwer	Department of Energy and Environment	Journal of Energy and Water Resources	2019	2538-3604		https://doi.org/10.1007/s42108-019-00011-1	
the Therapeutic Drug Targets of C. botulinum ATCC 3502 and C. difficile str. 630 using in-silico subtractive	Bhardwaj T, Haque S and Somvanshi P	Department of Biotechnology	Journal of Cellular Biochemistry	2019	1097-4644		https://doi.org/10.1002/jcb.28897	https://www.scopus.com/sourceid/17598
the Regulatory Framework on CSR Linking to Various Amendments in the Companies ACT 2013	Manipadma Datta & Amit Kumar Thakur	Department of Business and Sustainability	Journal of Current Advanced Research	2019	2319-6475	http://dx.doi.org/10.24327/ijcar.2019.19566.3784		
Low income and mobility: evidence from a migration choice model applied to India	Seema Sangita	Department of Policy Studies	Migration and Development	2019	2163-2324		10.1080/21632324.2019.1697497	
Labouring Nature, Labour in Nature : Intertwinings and Intersectionalities	Nandan Nawn, Sudha Vasan	Department of Policy Studies	Economic and Political Weekly	2019	2349-8846		w.in/journal/2019/37/review-environment-and-development/labouring-	https://www.scopus.com/sourceid/19957
The newer paradigms to link Corporate Social Responsibility with Sustainable Development Goals	Manipadma Datta & Amit Kumar Thakur	Department of Business and Sustainability	Advances in Economics and Business Management	2019	2394-1553		in.org/research-paper/newer-paradigms-link-corporate-social-responsibility-csr-	

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CSR, Governance framework and Expenditure pattern in Indian context: Are we heading in the right direction post Companies Act 2013?	Manipadma Datta & Amit Kumar Thakur	Department of Business and Sustainability	Advances in Economics and Business Management	2019	2394-1553	nn.org/research-paper/csr-governance-framework-and-expenditure-pattern-indian-		
Subsidy Impact on Electricity Demand from Industries: Case of Electricity Distribution Utilities in India	Naveen Agarwall, Naqui Anwer	Department of Energy and Environment	Journal of Energy Economics and Policy	2019	2146-4553		https://doi.org/10.32479/ijeep.8111	
Landuse information in hydrodynamic model application in storm surge inundation	Machineni, Vinay S.P.Sinha, Prasoon	Department of Natural Resources	Estuarine, Coastal and Shelf Science	2020	0272-7714		https://doi.org/10.1016/j.ecss.2019.106466	https://www.scopus.com/sourceid/26844
Factors impacting wind and solar power sectors in India: A survey-based analysis	Sapan Thapar and Seema Sharma	Department of Energy and Environment	Production and Consumption	2020	2352-5509		https://doi.org/10.1016/j.spc.2020.01.001	https://www.scopus.com/sourceid/2100416081
related to construction and computation of Sustainable Development Indices	Archana Kumar Prateek Sharma	Department of Energy and Environment	Ecological Indicators	2020	1470-160X		10.1016/j.ecolind.2019.106061	https://www.scopus.com/sourceid/20292
Sustainable energy pathways for land transport in Nigeria	Michael O.Dioha and Atul Kumar	Department of Energy and Environment	Utilities Policy	2020	0957-1787		https://doi.org/10.1016/j.jup.2020.101034	https://www.scopus.com/sourceid/19786
a central regulator of flowering time, are differentially regulated due to partitioning of evolutionarily conserved transcription factor binding	Tanu Sri, Bharat Gupta, Shikha Tyagi, Anandita Singh	Department of Biotechnology	Molecular Phylogenetics and Evolution	2020	1055-7903		https://doi.org/10.1016/j.ympev.2020.106777	https://www.scopus.com/sourceid/18965
What motivates and inhibits Indian textile firms to embrace sustainability?	Anupriya Sharma and Sapna A. Narula	Department of Business and Sustainability	Journal of Sustainability and Social Responsibility	2020	2365-6417		https://doi.org/10.1186/s41180-020-0032-8	
Modelling Agriculture, Forestry and Other Land Use (AFOLU) in response to climate change scenarios for the SAARC nations	Singh, Vinay Shankar Prasad Sinha, Pawan Kumar Joshi & Manoj Kumar	Department of Natural Resources	Environmental Monitoring and Assessment	2020	1573-2959		https://doi.org/10.1007/s10661-020-8144-2	https://www.scopus.com/sourceid/21482
Role of higher education in the sustainability of water resources: an assessment of institutions in India	Arun Kansal ; G. Venkatesh	Coco-Cola Department of Regional Water Studies	Water Policy	2020	1366-7017		https://doi.org/10.2166/wp.2020.160	e.com/search-results?issn=1366-7017&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Ameliorating amyloid aggregation through osmolytes as a probable therapeutic molecule against Alzheimer's disease and type 2 diabetes	Anchala Kumari, Pallavi Somvanshi and Abhinav Grover	Department of Biotechnology	RSC Advances	2020	2046-2069		https://doi.org/10.1039/D0RA00429D	e.com/search-results?issn=2046-2069&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Structure-Based Screening of Non-β-Lactam Inhibitors against Class D β-Lactamases: An Approach of Docking and Molecular Dynamics	Divya Gupta, Aditi Singh, Pallavi Somvanshi, Ajeet Singh and Asad U. Khan	Department of Biotechnology	ACS Omega	2020	2470-1343		https://doi.org/10.1021/acsomega.0c00356	e.com/search-results?issn=2470-1343&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-

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Potency of inhibitors depends upon the accessibility of their aromatic rings within the hydrophobic specificity pocket: a novel avenue for future aldose reductase inhibitor design	Saif Khan, Pallavi Somvanshi, Aditi Singh, Mahvish Khan, Raju K. Mandal, Sajad A. Dar, Mohd Wahid, Arshad Jawed,	Department of Biotechnology	Journal of Biomolecular Structure and Dynamics	2020	0739-1102	https://doi.org/10.1080/0739102.2020.1733090	https://mjl.clarivate.com/search-results?issn=0739-1102&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-
Energy Consumption behavior: A data-based analysis of urban Indian households	SapanThapar	Department of Energy and Environment	Energy Policy	2020	0301-4215	https://doi.org/10.1016/j.enpol.2020.111571	https://mjl.clarivate.com/search-results?issn=0301-4215&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Experimental study on performance analysis of an internal combustion engine operated on hydrogen-enriched producer gas from the air–steam gasification	Narasimhan Kodand Ram(N K Ram), Nameirakpam Rajesh Singh, Perumal Raman, Atul	Department of Energy and Environment	Energy	2020	0360-5442	https://doi.org/10.1016/j.energy.2020.118029	https://mjl.clarivate.com/search-results?issn=0360-5442&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Tuning antiviral CD8 T-cell response via proline-altered peptide ligand vaccination	Adin Doganay Duru ,Renhua Sun ,Eva B. Allerbring ,Jesseka Chadderton,Nadir Kadri,Xiao Han,Kaliroi Peqini,Hannes Uchtenhagen,Chaitanya Madhurantakam,Sara Pellegrino,Tatyana Sandalova,Per-Åke Nygren,Stephe	Department of Biotechnology	PLOS Pathogens	2020	1553-7366	https://doi.org/10.1371/journal.ppat.1008244	https://mjl.clarivate.com/search-results?issn=1553-7366&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Household Energy Poverty Index for India: An analysis of inter-state differences	Eshita Gupta, Gopal K. Sarangi	Department of Policy Studies	Energy Policy	2020	0301-4215	https://doi.org/10.1016/j.enpol.2020.111592	https://www.scopus.com/sourceid/29403
Information quality, adoption of climate-smart varieties and their economic impact in flood-risk areas	Prakashan Chellattan Veettil, Prabhakaran T. Raghu and Arathy Ashok	Department of Policy Studies	Environment and Development Economics	2020	1355-770X	https://doi.org/10.1017/S1355770X20000212	https://mjl.clarivate.com/search-results?issn=1355-770X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Genome-wide analysis of the U-box E3 ubiquitin ligase enzyme gene family in tomato	Sharma, B., Taganna, J	Department of Biotechnology	Scientific Reports	2020	2045-2322	DOI: 10.1038/s41598-020-66553-1	https://www.scopus.com/sourceid/21100200805
Biorefinery perspectives of microbial electrolysis cells (MECs) for hydrogen and valuable chemicals production through wastewater treatment	Jain P., Lai B., Kalil M.S., Kondaveeti S., Alabbosh K.F.S., Abu-Reesh I.M., Mohanakrishn	Department of Biotechnology	Biofuel Research Journal	2020	2292-8782	DOI: 10.18331/BRJ2020.7.1.5	https://mjl.clarivate.com/search-results?issn=2292-8782&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Recovery of resources from end-of-life passenger cars in the informal sector in India	Sharma L., Pandey S.	Department of Energy and Environment	Production and Consumption	2020	2352-5509	https://doi.org/10.1016/j.spc.2020.06.005	https://www.scopus.com/sourceid/21100416081

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Assessment of clean cooking technologies under different fuel use conditions in rural areas of Northern India	Arora P., Sharma D., Kumar P., Jain S.	Department of Energy and Environment	Chemosphere	2020	0045-6535	https://doi.org/10.1016/j.chemosphere.2020.127315	e.com/search-results?issn=0045-6535&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Framework for quantifying environmental losses of plastics from landfills	Yadav V., Sherly M.A., Ranjan P., Tinoco R.O., Boldrin A., Damgaard A., Laurent A.	Coco-Cola Department of Regional Water Studies	Resources, Conservation and Recycling	2020	0921-3449	https://doi.org/10.1016/j.resconrec.2020.104914	e.com/search-results?issn=0921-3449&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Construction and demolition waste recycling: Investigating the role of theory of planned behavior, institutional pressures and environmental consciousness	Jain S., Singhal S., Jain N.K., Bhaskar K.	Department of Energy and Environment	Journal of Cleaner Production	2020	0959-6526	DOI: 10.1016/j.jclepro.2020.121405	e.com/search-results?issn=0959-6526&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Tide-rainfall flood quotient: An incisive measure of comprehending a region's response to storm-tide and pluvial flooding	Mohanty M.P., Sherly M.A., Ghosh S., Karmakar S.	Coco-Cola Department of Regional Water Studies	Environmental Research Letters	2020	1748-9326	DOI: 10.1088/1748-9326/ab8092	e.com/search-results?issn=1748-9326&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Spatial variations of heavy metal contamination and associated risks around an unplanned landfill site in India	Johar P., Singh D., Kumar A.	Department of Energy and Environment	Environmental Monitoring and Assessment	2020	0167-6369	https://doi.org/10.1007/s10661-020-08315-0	e.com/search-results?issn=0167-6369&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Heteroatom-Rich and Differently Fused Tricyclic β -Lactams by Cu(I)-Catalyzed Halogen Atom Transfer	Dawra N., Ram R.N., Thakur S.K.	Department of Biotechnology	Chemistry Select	2020	2365-6549	https://doi.org/10.1002/slct.202001195	
Incidence of Prehypertension and Hypertension in Rural India, 2012-2018: A Sex-Stratified Population-Based Prospective Cohort Study	Rai R.K., Kumar C., Singh P.K., Singh L., Barik A., Chowdhury A.	Department of Policy Studies	American journal of hypertension	2020	0895-7061	doi: 10.1093/ajh/hpaa034	e.com/search-results?issn=0895-7061&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Reduction in black carbon concentration and its exposure in rural settings of Northern India: An intervention analysis	Sharma D., Jain S.	Department of Energy and Environment	Chemosphere	2020	0045-6535	https://doi.org/10.1016/j.chemosphere.2020.125838	e.com/search-results?issn=0045-6535&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Regulation of groundwater arsenic concentrations in the Ravi, Beas, and Sutlej floodplains of Punjab, India	Kumar A., Singh C.K., Bostick B., Nghiem A., Mailloux B., van Geen A.	Department of Energy and Environment	Geochimica et Cosmochimica Acta	2020	0016-7037	https://doi.org/10.1016/j.gca.2020.03.003	e.com/search-results?issn=0016-7037&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
and management of smart microgrid for rural electrification in sub-saharan Africa: The case of Nigeria” [Electric. J. 32 (2019) (10) 106672] (The Electricity Journal (2019) 32(10),	Nnaji E.C., Adgidzi D., Dioha M.O., Ewim D.R.E., Huan Z.	Department of Energy and Environment	Electricity Journal	2020	1040-6190	10.1016/j.tej.2020.106751	

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Google earth engine for the detection of soiling on photovoltaic solar panels in arid environments	Supre H., Avtar R., Singh D., Gupta A., Yunus A.P., Dou J., Ravankar A.A., Mohan G., Chapagain	Department of Energy and Environment	Remote Sensing	2020	2072-4292	https://doi.org/10.3390/rs12091466	https://mjlc.riavale.com/search-results?issn=2072-4292&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=
Dynamic optimization of multi-retrofit building envelope for enhanced energy performance with a case study in hot Indian climate	Saikia P., Pancholi M., Sood D., Rakshit D.	Department of Energy and Environment	Energy	2020	0360-5442	https://doi.org/10.1016/j.energy.2020.117263	e.com/search-results?issn=0360-5442&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
disaster response: comparative analysis of military involvement pre- and post-adoption of National Disaster Management Framework 2005	Avadi S., Seth R.	Department of Business and Sustainability	Defence Studies	2020	1470-2436	https://doi.org/10.1080/14702436.2020.1745072	https://www.scopus.com/sourceid/5800169484
Environmental life cycle assessment of construction and demolition waste recycling: A case of urban India	Jain S., Singhal S., Pandey S.	Department of Energy and Environment	Resources, Conservation and Recycling	2020	0921-3449	DOI: 10.1016/j.resconrec.2019.104642	e.com/search-results?issn=0921-3449&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Carcinogenic risk from exposure to PM2.5 bound polycyclic aromatic hydrocarbons in rural settings	Sharma D., Jain S.	Department of Energy and Environment	Ecotoxicology and Environmental Safety	2020	0147-6513	https://doi.org/10.1016/j.ecoenv.2019.110135	e.com/search-results?issn=0147-6513&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Assessing inherent vulnerability of farming communities across different biogeographical zones in Himachal Pradesh, India	Chauhan N., Shukla R., Joshi P.K.	Department of Natural Resources	Environmental Development	2020	2211-4645	https://doi.org/10.1016/j.envdev.2020.100506	e.com/search-results?issn=2211-4645&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Quantification of agricultural drought over Indian region: a multivariate phenology-based approach	Das P.K., Das R., Das D.K., Midya S.K., Bandyopadhyay S., Raj U.	Department of Natural Resources	Natural Hazards	2020	0921-030X	https://doi.org/10.1007/s11069-020-03872-6	e.com/search-results?issn=0921-030X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Surfactant-modified titania for cadmium removal and textile effluent treatment together being environmentally safe for seed germination and growth of Vigna radiata	Das P., Bahadur N., Dhawan V.	Department of Biotechnology	Environmental Science and Pollution Research	2020	0944-1344	https://doi.org/10.1007/s11356-019-07480-1	e.com/search-results?issn=0944-1344&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Molecular mechanism of acetoacetyl-CoA enhanced kinetics for increased bioplastic production from Cupriavidus necator 428	Singh A., Das M., Grover A.	Department of Biotechnology	Journal of Biomolecular Structure and Dynamics	2020	0739-1102	https://doi.org/10.1080/07391102.2019.1590239	e.com/search-results?issn=0739-1102&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Geochemistry and associated human health risk through potential harmful elements (PHEs) in groundwater of the Indus basin, India	Kumar A., Roy S.S., Singh C.K.	Department of Energy and Environment	Environmental Earth Sciences	2020	1866-6280	https://doi.org/10.1007/s12665-020-8818-7	e.com/search-results?issn=1866-6280&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-

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Assessment of genetic diversity, population structure, and phylogenetic relationships among the Northeast Indian and South Indian commercially released tea cultivars using TE-AFLP markers	Negi M.S., Sharma S.S., Bera B., Tripathi S.B.	Department of Biotechnology	Tree Genetics and Genomes	2020	1614- 2942	DOI: 10.1007/s 11295-019- 1387-9	e.com/search- results?issn=1614- 2942&hide_exact_ match_fl=true&ut m_source=mjl&ut m_medium=share- by-
Cost of electricity banking under open-access arrangement: A case of solar electricity in India	Jain S., Jain N.K.	Department of Energy and Environment	Renewable Energy	2020	0960- 1481	DOI: 10.1016/j. renene.2019.06 .172	e.com/search- results?issn=0960- 1481&hide_exact_ match_fl=true&ut m_source=mjl&ut m_medium=share- by-
Arsenic enrichment in groundwater and associated health risk in Bari doab region of Indus basin, Punjab, India	Kumar A., Singh C.K.	Department of Energy and Environment	Environmental Pollution	2020	0269- 7491	https://doi.org/ 10.1016/j.envp ol.2019.113324	e.com/search- results?issn=0269- 7491&hide_exact_ match_fl=true&ut m_source=mjl&ut m_medium=share- by-
Reflectance based semi-empirical model to determine nature and metamorphic grade of almora group of rocks, Kumaon (Lesser) Himalaya	Roy S.S., Sinha L.K., Singh C.K.	Department of Energy and Environment	Geocarto International	2020	1010- 6049	https://doi.org/ 10.1080/10106 049.2020.1762 765	e.com/search- results?issn=1010- 6049&hide_exact_ match_fl=true&ut m_source=mjl&ut m_medium=share- by-
Influences on purchase intentions of organic food consumers in an emerging economy	Dangi N., Narula S.A., Gupta S.K.	Department of Business and Sustainability	Journal of Asia Business Studies	2020	1558- 7894	DOI: 10.1108/J ABS-12-2019- 0364	e.com/search- results?issn=1558- 7894&hide_exact_ match_fl=true&ut m_source=mjl&ut m_medium=share- by-
Spatial stochastic model for predicting soil organic matter using remote sensing data	Ahmed M., Alqadhi S.D., Falqi I.I., Parayangat M., Singh C.K., Rahman A., Ijyas T.	Department of Energy and Environment	Geocarto International	2020	1010- 6049	https://doi.org/ 10.1080/10106 049.2020.1720 314	e.com/search- results?issn=1010- 6049&hide_exact_ match_fl=true&ut m_source=mjl&ut m_medium=share- by-
Production of hydrogen and carbon nanotubes via catalytic thermo-chemical conversion of plastic waste: review	Sharma S.S., Batra V.S.	Department of Energy and Environment	Journal of Chemical Technology and Biotechnology	2020	0268- 2575	https://doi.org/ 10.1002/jctb.61 93	e.com/search- results?issn=0268- 2575&hide_exact_ match_fl=true&ut m_source=mjl&ut m_medium=share- by-
Erratum to "Regulation of groundwater arsenic concentrations in the Ravi, Beas, and Sutlej floodplains of Punjab, India" [Geochimica et Cosmochimica Acta 276 (2020) 384–403] (Geochimica et Cosmochimica Acta (2020))	Kumar A., Singh C.K., Bostick B., Nghiem A., Geen A.V., Mailloux B.	Department of Energy and Environment	Geochimica et Cosmochimica Acta	2020	0016- 7037	DOI: 10.1016/j. gca.2020.04.02 7	https://mjl.clarivat e.com/search- results?issn=0268- 2575&hide_exact_ match_fl=true&ut m_source=mjl&ut m_medium=share- by-
Fluoresceinated Amino hexanol Tethered Inositol Hexakisphosphate: Studies on Arabidopsis thaliana and Drosophila melanogaster and Docking with 2P1M Receptor	Thakur S.K., Goswami K., Rao P., Kaushik S., Singh B.P., Kain P., Asthana S., Bhattacharjee	Department of Biotechnology	ACS Omega	2020	2470- 1343	https://doi.org/ 10.1021/acsom ega.0c00961	https://mjl.clarivat e.com/search- results?issn=2470- 1343&hide_exact_ match_fl=true&ut m_source=mjl&ut m_medium=share- by-

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Identifying novel inhibitor of quorum sensing transcriptional regulator (SdiA) of Klebsiella pneumoniae through modelling, docking and molecular dynamics simulation	Muteeb G., Khan S., Alqahtani A.S., Somvanshi P., Alqahtani M.S., Ameta	Department of Biotechnology	Journal of Biomolecular Structure and Dynamics	2020	0739-1102		doi: 10.1080/0739102.2020.1767209	e.com/search-results?issn=0739-1102&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Bleomycin modulates amyloid aggregation in β -amyloid and hIAPP	Kumari, Ritika Sharma, Nidhi Shrivastava, Pallavi Somvanshi and	Department of Biotechnology	RSC Advances	2020	2046-2069		DOI: 10.1039/D0RA04949B	https://www.scopus.com/sourceid/21100199840
based land use and land cover classification for the South Asian Association for Regional Cooperation nations using Moderate Resolution Imaging Spectroradiometer product	Singh, Vinay Shankar Prasad Sinha, Pawan Kumar Joshi & Manoj	Department of Natural Resources	Environment, Development and Sustainability	2020	1387-585X		https://doi.org/10.1007/s10668-020-00864-1	https://www.scopus.com/sourceid/20902
Topological and system-level protein interaction network (PIN) analyses to deduce molecular mechanism of curcumin	Anupam Dhasmana, Swati Uniyal, Anukriti, Vivek Kumar Kashyap, Pallavi Somvanshi, Meenu Gupta, Uma Bhardwaj, Meena Jaggi, Murali M. Yallapu,	Department of Biotechnology	Scientific Reports	2020	2045-2322		https://doi.org/10.1038/s41598-020-69011-0	https://www.scopus.com/sourceid/21100200805
study on Baiga women's mobilization in community governed forests in Central	Niharika Tyagi and Smriti Das	Department of Policy Studies	Ecological Economics	2020	0921-8009		10.1016/j.ecolecon.2020.106812	https://www.scopus.com/sourceid/20290
Host-induced silencing of the Colletotrichum gloeosporioides conidial morphology 1 gene (CgCOM1) confers resistance against Anthracnose disease in chilli and tomato	Bimod Kumar Mahto, Anjulata Singh, Manish Pareek, Manchikatla V. Rajam, Swatismita Dhar-Ray &	Department of Biotechnology	Plant Molecular Biology	2020	0167-4412		https://doi.org/10.1007/s11103-020-01046-3	https://www.scopus.com/sourceid/13042
Assessing the role of osmolytes on the conformational harmony of islet amyloid polypeptide	Kumari, Ritika Sharma, Pallavi Somvanshi and	Department of Biotechnology	International Journal of Biological Macromolecules	2020	0141-8130		https://doi.org/10.1016/j.ijbio mac.2020.08.104	https://www.scopus.com/sourceid/17544
Elucidating potential molecular signatures through host-microbe interactions for reactive arthritis and inflammatory bowel disease using combinatorial approach	Verma, Shivani Sharda, Bhawna Rathi, Pallavi Somvanshi & Bimlesh Dhar	Department of Biotechnology	Scientific Reports	2020	2045-2322		DOI: https://doi.org/10.1038/s41598-020-71674-8	https://www.scopus.com/sourceid/21100200805
Gender and income based variability in travel choices in Vishakhapatnam, India	Deepti Jain; Geetam Tiwari	Department of Energy and Environment	Transportation Research Procedia	2020	2352-1457		https://doi.org/10.1016/j.trpro.2020.08.232	https://www.scopus.com/sourceid/21100448300
Phosphorous recovery from septic tank liquor: Optimal conditions and effect of tapered velocity gradient	Snigdha Goel and Arun Kansal	Coco-Cola Department of Regional Water Studies	Journal of Cleaner Production	2020	0959-6526		https://doi.org/10.1016/j.jclepro.2020.124056	https://www.scopus.com/sourceid/19167

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Alkaline air: changing perspectives on nitrogen and air pollution in an ammonia-rich world	Mark T. Sutton, Netty van Dijk, Peter E. Levy, Matthew R. Jones, Ian D. Leith, Lucy J. Sheppard, Sarah Leeson, Y. Sim Tang, Amy Stephens, Christine F. Braban, Ulrike Dragosits, Clare M. Howard, Massimo Vieno, David Fowler, Paul Corbett, Mohd Irfan Naikoo, Silvana Munzi,	Department of Natural Resources	Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences	2020	1364-503X	https://doi.org/10.1098/rsta.2019.0315	https://mjl.clarivate.com/search-results?issn=1364-503X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Opinion: Envisioning a biodiversity science for sustaining human well-being	Kamraj S. Bawa, Nandan Nawn, Ravi Chellam, Jagdish Krishnaswamy, Vinod Mathur, Shannon B. Olsson, Nitin Pandit, Prabhakar Rajagopal, Mahesh Sankaran, R. Uma Shaanker,	Department of Policy Studies	PNAS (Proceedings of the National Academy of Sciences of the United States of America)	2020	1091-6490	https://doi.org/10.1073/pnas.2018436117	https://mjl.clarivate.com/search-results?issn=0027-8424&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Impact of water-soluble 2D CdSe/CdS nanoplatelets on seed germination and early growth in <i>Vigna radiata</i>	Bhaskar Sharma Aniket Walia Ajeet Singh Sushma Yadav Udit Soni	Department of Biotechnology	FlatChem	2020	2452-2627	https://doi.org/10.1016/j.flatc.2020.100182	https://mjl.clarivate.com/search-results?issn=2452-2627&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Spatial and temporal variations of air pollution over 41 cities of India during the COVID-19 lockdown period	Prasad Vadrevu, Aditya Eaturu, Sumalika Biswas, Kristofer Lasko, Saroj	Department of Natural Resources	Scientific Reports	2020	2045-2322	https://doi.org/10.1038/s41598-020-72271-5	https://www.scopus.com/sourceid/21100200805
Consistency in Vulnerability Assessments of Wheat to Climate Change—A District-Level Analysis in India	Vanshika Dhamija, Roopam Shukla, Christoph Gornott and P. K. Joshi	Department of Natural Resources	Sustainability	2020	2071-1050	https://doi.org/10.3390/su12198256	https://mjl.clarivate.com/search-results?issn=2071-1050&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Carbon quantum dots intercalated in polypyrrole (PPy) thin electrodes for accelerated energy storage	Rinki Malik, Suman Lata, Udit Soni, Priyank Rani, Rajender Singh Malika	Department of Biotechnology	Electrochimica Acta	2020	0013-4686	https://doi.org/10.1016/j.electacta.2020.137281	https://mjl.clarivate.com/search-results?issn=0013-4686&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-

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Capacity building for proportionate climate policy: Lessons from India and South Africa	Prabhat Upadhyaya, Manish Kumar Shrivastava, Ganesh Gorti, Saliem Fakir	Department of Energy and Environment	International Political Science Review	2020	0192-5121		https://doi.org/10.1177/0192512120963883	e.com/search-results?issn=0192-5121&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Epidemiology and diagnosis, environmental resources quality and socio-economic perspectives for COVID-19 pandemic	Surindra Suthar Sukanya Das, Ajay Nagpure, Chaitanya Madhurantakam, Satya Brat Tiwari, Pallavi	Department of Policy Studies	Journal of Environmental Management	2020	0301-4797		https://doi.org/10.1016/j.jenvman.2020.111700	https://www.scopus.com/sourceid/23371
Multiple epitope-based vaccine prediction against SARS-CoV-2 spike glycoprotein	Sirohi, Jyoti Gupta, Pallavi Somvanshi, Vijay Kumar Prajapati & Abhinav	Department of Biotechnology	Journal of Biomolecular Structure and Dynamics	2020	0739-1102		https://doi.org/10.1080/0739102.2020.1846626	https://www.scopus.com/sourceid/17596
Phytochemicals induce apoptosis by modulation of nitric oxide signaling pathway in cervical cancer cells	M.K. Sundaram, M.A. Khan, U. Alalami, P. Somvanshi, T. Bhardwaj, S. Pramodh, R. Raina, Z.	Department of Biotechnology	European Review for Medical and Pharmacological Sciences	2020	1128-3602		DOI: 10.26355/eurev.202011_23840	https://mjl.clarivate.com/search-results?issn=1128-3602&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Securing biodiversity, securing our future: A national Mission on biodiversity and human well-being for India	S.Bawa, Asmita Sengupta, Vishwas Chavan, Ravi Chellam, R.Ganesan, Jagdish Krishnaswamy, Vinod B.Mathur, Nandan Nawn, Shannon B.Olsson, Nitin Pandit, Suhel Quader, Prabhakar Rajagopal, Uma Ramakrishnan,	Department of Policy Studies	Biological Conservation	2020	0006-3207		https://doi.org/10.1016/j.bioco.2020.108867	https://mjl.clarivate.com/search-results?issn=0006-3207&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Reproductive, maternal and child health services in the wake of COVID-19: insights from India	Chandan Kumar, Chhavi Sodhi, and Abdul Jaleel	Department of Policy Studies	Journal of Global Health Science	2020	2671-6925		https://doi.org/10.35500/jghs.2020.2.e28	
Maritime communication: From flags to the VHF Data Exchange System (VDES)	Golaya & Nithiyandam Yogeswaran	Department of Natural Resources	Affairs: Journal of the National Maritime	2020	1946-6609		https://doi.org/10.1080/09733159.2020.1845456	https://www.scopus.com/sourceid/21100456179
Travel Patterns in India: Association with Development and Development Pattern	Deepty Jain and Geetam Tiwari	Department of Energy and Environment	Journal of Urban Planning and Development	2020	0733-9488		https://ascilibrary.org/doi/abs/10.1061/%28ASCE%29UP.1943-5444.0000652	e.com/search-results?issn=0733-9488&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-

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Transboundary cooperation a potential route to sustainable development in the Indus basin	Adriano Vinca, Simon Parkinson, Keywan Riahi, Edward Byers, Afreen Siddiqi, Abubakr Muhammad, Ansir Ilyas, Nithiyan andam Yogeswaran, Barbara Willaarts,	Department of Natural Resources	Nature Sustainability	2020	2398-9629	https://rdcu.be/cCbVo	https://www.nature.com/articles/s41893-020-00654-7	https://mjl.clarivate.com/search-results?issn=2398-9629&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Stakeholders and corporate social responsibility: are they interlinked and contributing to the sustainable development goals	Manipadma Datta and Amit Kumar Thakur	Department of Business and Sustainability	International Journal of Current Advanced Research	2020	2319-6475	https://www.ijcar.org/issues/stakeholders-and-corporate-social-responsibility-		
Sustainability performance of the Indian cement industry	Debanjali Dasgupta & Sukanya Das	Department of Policy Studies	Clean Technologies and Environmental Policy	2020	1618-954X		https://doi.org/10.1007/s10098-020-01998-6	https://mjl.clarivate.com/search-results?issn=1618-954X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Climate Ambition and Sustainable Development for a New Decade: A Catalytic Framework	and Boran, Idil and van Asselt, Harro and Ellinger, Paula and Garcia, Miriam and Hale, Thomas and Hermwille, Lukas and Mbeva, Kennedy and Mert, Aysem and Roger, Charles and Weinfurter, Amy and Widerberg, Oscar and Bynoe, Paulette and Chengo, Victoria and Cherkaoui, Ayman and Edwards, Todd and Gütschow, Malin and Hsu, Angel and Hultman,	Department of Energy and Environment	Global Policy, Forthcoming	2020	1758-5880	https://ssrn.com/abstract=3747075	https://dx.doi.org/10.2139/ssrn.3747075	https://mjl.clarivate.com/search-results?issn=1758-5880&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Geochemical, Topographical, and Meteorological Controls on Groundwater Arsenic Contamination in Sharda River Basin of Uttar Pradesh, India	Bindal Sonala, Kumar Ananda, Mallick Javedb, Shashtri Satyanarayanc, Kumar	Department of Policy Studies	Journal of Climate Change	2020	2395-7611		10.3233/JCC200013	https://mjl.clarivate.com/search-results?issn=2395-7611&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-

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Assessment of urban area dynamics in world's second largest megacity at sub-city (district) level during 1973–2016 along with regional planning	Akanksha Balha, Chander Kumar Singh & Suneel Pandey	Department of Policy Studies	Remote Sensing Applications: Society and Environment	2020	2352-9385	https://doi.org/10.1016/j.rsase.2020.100383	e.com/search-results?issn=2352-9385&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Predicting impact of urbanization on water resources in megacity Delhi	Akanksha Balha, Bramha Dutt Vishwakarma, Suneel Pandey & Chander Kumar Singh	Department of Policy Studies	Remote Sensing Applications: Society and Environment	2020	2352-9385	https://doi.org/10.1016/j.rsase.2020.100361	e.com/search-results?issn=2352-9385&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Impacts of Vegetation and Topography on Land Surface Temperature Variability over the Semi-Arid Mountain Cities of Saudi Arabia	Bindajam, Javed Mallick, Saeed AlQadhi, Chander Kumar Singh & Hoang Thi	Department of Policy Studies	Atmosphere	2020	2073-4433	https://doi.org/10.3390/atmos11070762	e.com/search-results?issn=2073-4433&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Religious periodisation of history as a derivative of the Mosaic distinction and its applicability to Indian historiography	Ramakrishnan Sitaraman	Department of Biotechnology	Dialogue Quarterly	2020		https://www.researchgate.net/publication/344620583_Religious_periodisation_of_history_as_a_derivative_of_the_Mosaic_distinctio	
Managing vulnerability to phosphorus scarcity in agriculture through bottom-up assessments of regional-scale opportunities	Madhuri Nanda, Arun Kansal & Dana Cordell	Coco-Cola Department of Regional Water Studies	Agricultural Systems	2020	0308-521X	https://doi.org/10.1016/j.agsy.2020.102910	e.com/search-results?issn=0308-521X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
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Multidisciplinary composition of climate change commissions: Transnational trends and expert perspectives	Dukuma M.C., Dioha M.O., Bogado N., Butu H.M., Okpaleke F.N., Hasan	Department of Energy and Environment	Sustainability	2020	2071-1050		https://doi.org/10.3390/su122410280	e.com:/search-results?issn=2071-1050&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
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management practices impact on soil and water resources using swat model: a case of bara micro-watershed of ken	Raj	Department of Energy and Environment	Sustainable Water Resources Management	2020	2363-5037	https://doi.org/10.1007/s40899-020-00438-z	https://www.scopus.com/sourceid/21101017383
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Phosphorus Dopant Diffusion, Activation, and Annealing. Using Infrared Laser for Synthesis of n-Type Silicon Thin Film	Hossion M.A., Mondal S., Arora B.M.	Department of Energy and Environment	Journal of Russian Laser Research	2020	1071-2836	https://doi.org/10.1007/s10946-020-09910-9	e.com/search-results?issn=1071-2836&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Managing agricultural vulnerability to phosphorus scarcity through bottom-up assessment of regional-scale opportunities	Nanda M., Kansal A., Cordell D.	Coco-Cola Department of Regional Water Studies	Agricultural Systems	2020	0308-521X	https://doi.org/10.1016/j.agsy.2020.102910	e.com/search-results?issn=0308-521X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Exploring the energy system impacts of Nigeria's Nationally Determined Contributions and low-carbon transition to mid-century	Dioha M.O., Kumar A.	Department of Energy and Environment	Energy Policy	2020	0301-4215	https://doi.org/10.1016/j.enpol.2020.111703	e.com/search-results?issn=0301-4215&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
Assessment and visualization of inherent vulnerability of urban population in India to natural disasters	Anees M.M., Shukla R., Punia M., Joshi P.K.	Department of Natural Resources	Climate and Development	2020	1756-5529	https://doi.org/10.1080/17565529.2019.1646629	e.com/search-results?issn=1756-5529&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-

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Dual inhibition of SARS-CoV-2 spike and main protease through a repurposed drug, rutin	Kumari A., Rajput V.S., Nagpal P., Kukrety H., Grover S., Grover A.	Department of Biotechnology	Journal of biomolecular Structure & Dynamics	2020	0739-1102		10.1080/0739102.2020.1864476	e.com/search-results?issn=0739-1102&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-
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Fluorescent quantum dots: An insight on synthesis and potential biological application as drug carrier in cancer	P. Tandale, Neeraj Choudhary, Joga Singh, Akanksha Sharma, Ananya Shukla, Pavani Sriram Udit Soni, Neha	Department of Biotechnology	Biochemistry and Biophysics Reports	2021	2405-5808		https://doi.org/10.1016/j.bbrep.2021.100962	https://www.scopus.com/sourceid/21100398900
Mechanical-biological treatment of municipal solid waste: Case study of 100 TPD Goa plant, India	Tyagi, Aparna Kapoor, Pratham Arora, J. Rajesh Banu, Sukanya	Department of Policy Studies	Journal of Environmental Management	2021	0301-4797		https://doi.org/10.1016/j.jenvman.2021.112741	https://www.scopus.com/sourceid/23371
Meeting India's Electricity Demand in 2030	Diya Dasgupta, Gopal K. Sarangi	Department of Policy Studies	Energy and Climate Change	2021	2666-2787		https://doi.org/10.1016/j.egycc.2021.100038	Link not found
prioritizing sustainability issues at regional level using analytic hierarchy process (AHP) technique: A case study of Goa, India	Kwatra, Archana Kumar, Sumit Sharma, Prateek Sharma	Department of Energy and Environment	Environmental and Sustainability Indicators	2021	2665-9727		https://doi.org/10.1016/j.indic.2021.100116	https://www.scopus.com/sourceid/21101036139
Accelerated stress testing of potential induced degradation susceptibility of PV modules under different climatic conditions	Som Mondal, B. Prasad, O.S. Sastri, M. Bangar, A.K. Tripathi, Chandan	Department of Energy and Environment	Solar Energy	2021	0038-092X		https://doi.org/10.1016/j.solener.2021.05.020	https://www.scopus.com/sourceid/13333
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Analytical Tools in the Techno-Economic Assessment of Electrical Energy Storage and Grid Balancing	Asif Nazar, Naqui Anwer	Department of Energy and Environment	Journal of Engineering Trends and Technology	2021	2231-5381	http://ijettjournal.org/archive/ijett-v69i7p221		Link not found
drought monitoring framework using multi-sensor and multi-temporal earth observation datasets and machine learning algorithms: A case study of	Neeti, Arun Murali C.M., V.M.Chowdary, N.H.Rao, Moh	Department of Natural Resources	Journal of Hydrology	2021	0022-1694		https://doi.org/10.1016/j.jhydrol.2021.126638	https://www.scopus.com/sourceid/50089
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Use of personal protective equipment among waste workers of Sisdol landfill site of Nepal	Ashish Sondhi, Akash and Giri, S.	Department of Energy and Environment	Journal of Occupational Safety and Health	2021	2738-9707		https://doi.org/10.3126/ijosh.v11i3.39768	Link not found

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Semi-interpenetrating polymer networks of poly (vinyl alcohol)-functionalized nanocrystals/sulfonated poly (ether ether ketone) (PVA-FNCs/SPEEK) as fuel cell membrane	Singh Malik, Udit Soni, Sampat Singh Chauhan, Devendra Kumar and	Department of Energy and Environment	Materials Today Communications	2021	2352-4928		https://doi.org/10.1016/j.mtcomm.2021.102897	https://www.scopus.com/sourceid/21100369777
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