

3.4.4	<b>Number of research papers published per teacher in the Journals as notified on UGC CARE list during the last five years (2019-2023)</b>
	3.4.4.1: Number of research papers published in the Journals as notified on UGC website during the last five years (2019-2023)

3.4.5 Number of research papers per teacher in the Journals notified on UGC website during the year						
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
<b>Towards understanding various influences on mass balance of the Hoksar Glacier in the Upper Indus Basin using observations</b>	<b>Shakil Ahmad Romshoo, Khalid Omar Murtaza, Tariq Abdullah</b>	<b>Geoinformatics</b>	<b>Scientific Reports</b>	<b>2022</b>		<a href="https://doi.org/10.1038/s41598-022-20033-w">https://doi.org/10.1038/s41598-022-20033-w</a>
<b>Paleo-glacial reconstruction of the Thajwas Glacier in the Kashmir Himalaya using Be cosmogenic radionuclide dating</b>	<b>Omar Jaan Paul, Shakil Ahmad Romshoo, Reyaz Ahmad Dar, Pankaj Kumar, Soumya Prakash Dhal, Sundeep</b>	<b>Geoinformatics</b>	<b>Geoscience Frontiers</b>	<b>2022</b>		<a href="https://doi.org/10.1016/j.gsf.2022.101432">https://doi.org/10.1016/j.gsf.2022.101432</a>

	<b>Chopra</b>					
<b>Debris-cover impact on glacier melting in the Upper Indus Basin</b>	<b>Basharat Nabi, Shakil A Romshoo, Reyaz Ahmad Dar</b>	<b>Geoinformatics</b>	<b>Polar Science</b>	<b>2022</b>		<a href="https://doi.org/10.1016/j.polar.2022.100867">https://doi.org/10.1016/j.polar.2022.100867</a>
<b>Characteristics, source apportionment and long-range transport of black carbon at a high-altitude urban centre in the Kashmir valley, North-western Himalaya</b>	<b>Mudasir Ahmad Bhat, Shakil Ahmad Romshoo, Gufran Beig</b>	<b>Geoinformatics</b>	<b>Environmental Pollution</b>	<b>2022</b>		<a href="https://doi.org/10.1016/j.envpol.2022.119295">https://doi.org/10.1016/j.envpol.2022.119295</a>
<b>Flood vulnerability assessment of the Upper Jhelum Basin using HEC-HMS model</b>	<b>Sadaff Altaf, Shakil Ahmad Romshoo</b>	<b>Geoinformatics</b>	<b>Geocarto International</b>	<b>2022</b>		<a href="https://doi.org/10.1080/10106049.2022.2090617">https://doi.org/10.1080/10106049.2022.2090617</a>
<b>Cirque development in the Pir Panjal Range of North</b>	<b>Omar Jaan Paul, Reyaz Ahmad Dar,</b>	<b>Geoinformatics</b>	<b>CATENA</b>	<b>2022</b>		<a href="https://doi.org/10.1016/j.catena.2022.106179">https://doi.org/10.1016/j.catena.2022.106179</a>

<b>Western Himalaya, India</b>	<b>Shakil Ahmad Romshoo</b>					
<b>Explaining the differential response of glaciers across different mountain ranges in the north-western Himalaya, India</b>	<b>Shakil Ahmad Romshoo, Tariq Abdullah, Irfan Rashid, IM Bahuguna</b>	<b>Geoinformatics</b>	<b>Cold Regions Science and Technology</b>	<b>2022</b>		<a href="https://doi.org/10.1016/j.coldregions.2022.103515">https://doi.org/10.1016/j.coldregions.2022.103515</a>
<b>Earthquake Vulnerability Assessment of the Built Environment in Srinagar City, Kashmir Himalaya, Using GIS</b>	<b>Midhat Fayaz, Shakil Romshoo, Irfan Rashid, Rakesh Chandra</b>	<b>Geoinformatics</b>	<b>Natural Hazards and Earth System Sciences Discussions</b>	<b>2022</b>		<a href="https://doi.org/10.5194/nhess-2022-155">https://doi.org/10.5194/nhess-2022-155</a>
<b>Anthropogenic climate change drives melting of glaciers in the Himalaya</b>	<b>Shakil A Romshoo, Khalid Omar Murtaza, Waheed Shah, Tawseef Ramzan, Ummer Ameen,</b>	<b>Geoinformatics</b>	<b>Environmental Science and Pollution</b>	<b>2022</b>		<a href="https://link.springer.com/journal/11356">https://link.springer.com/journal/11356</a>

	<b>Mustafa Hameed Bhat</b>					
<b>Landslide susceptibility assessment of Kashmir Himalaya, India</b>	<b>Sumira Nazir Zaz, Shakil Ahmad Romshoo</b>	<b>Geoinformatics</b>	<b>Arabian Journal of Geosciences</b>	<b>2022</b>		<a href="https://doi.org/10.1007/s12517-022-09699-8">https://doi.org/10.1007/s12517-022-09699-8</a>
<b>Impact of climate change on snow precipitation and streamflow in the Upper Indus Basin ending twenty-first century</b>	Shakil Ahmad Romshoo, Asif Marazi	<b>Geoinformatics</b>	<b>Climatic Change</b>	<b>2022</b>		<a href="https://doi.org/10.1007/s10584-021-03297-5">https://doi.org/10.1007/s10584-021-03297-5</a>
<b>Evaluation of Various DEMs for Quantifying Soil Erosion Under Changing Land Use and Land Cover in the Himalaya</b>	<b>SA Romshoo, A Yousuf, S Altaf, M Amin</b>	<b>Geoinformatics</b>	<b>Frontiers in Earth Sciences</b>	<b>2021</b>		<a href="https://www.frontiersin.org/articles/10.3389/feart.2021.782128/full">https://www.frontiersin.org/articles/10.3389/feart.2021.782128/full</a>
<b>Particulate pollution over an urban</b>	<b>Shakil Ahmad Romshoo, Mudasir</b>	<b>Geoinformatics</b>	<b>Science of Total Environment</b>	<b>2021</b>		<a href="https://doi.org/10.1016/j.scitotenv.2021.149364">https://doi.org/10.1016/j.scitotenv.2021.149364</a>

<b>Himalayan site: Temporal variability, impact of meteorology and potential source regions</b>	<b>Ahmad Bhat, Gufran Beig</b>					
<b>Coronavirus pandemic versus temperature in the context of Indian subcontinent : a preliminary statistical analysis</b>	<b>Gowhar Meraj, Majid Farooq, Suraj Kumar Singh, Shakil A Romshoo, MS Nathawat, Shruti Kanga</b>	<b>Geoinformatics</b>	<b>Environment, Development and Sustainability</b>	<b>2021</b>		<a href="https://link.springer.com/journal/10668">https://link.springer.com/journal/10668</a>
<b>Evaluation of the global glacier inventories and assessment of glacier elevation changes over north-western Himalaya</b>	<b>Shakil Ahmad Romshoo, Tariq Abdullah, Mustafa Hameed Bhat</b>	<b>Geoinformatics</b>	<b>Earth System Science Discussions</b>	<b>2021</b>		<a href="https://doi.org/10.5194/essd-2021-28, 2021.">https://doi.org/10.5194/essd-2021-28, 2021.</a>
<b>Paleo-glacial and paleo-</b>	<b>Omar Jaan Paul,</b>	<b>Geoinformatics</b>	<b>Quaternary International</b>	<b>2021</b>		<a href="https://doi.org/10.1016/j.quaint.2021.03.005">https://doi.org/10.1016/j.quaint.2021.03.005</a>

<b>equilibrium line altitude reconstruction from the Late Quaternary glacier features in the Pir Panjal Range, NW Himalayas</b>	<b>Reyaz Ahmad Dar, Shakil Ahmad Romshoo</b>		<b>al</b>			
<b>Measurement and modelling of particulate pollution over Kashmir Himalaya, India</b>	<b>Mudasir Ahmad Bhat, Shakil Ahmad Romshoo, Gufran Beig</b>	<b>Geoinformatics</b>	<b>Water, Air, &amp; Soil Pollution</b>	<b>2021</b>		<a href="https://doi.org/10.1007/s11270-021-05062-x">https://doi.org/10.1007/s11270-021-05062-x</a>
<b>Glacial geomorphology and recent glacial recession of the Harmukh Range, NW Himalaya</b>	<b>Khalid Omar Murtaza, Reyaz A Dar, Omar Jaan Paul, Nisar A Bhat, Shakil A Romshoo</b>	<b>Geoinformatics</b>	<b>Quaternary International</b>	<b>2021</b>		<a href="https://doi.org/10.1016/j.quaint.2020.08.044">https://doi.org/10.1016/j.quaint.2020.08.044</a>
<b>Applications of glacial geomorphological and lichenometric studies for</b>	<b>Khalid Omar Murtaza, Shakil Ahmad Romshoo</b>	<b>Geoinformatics</b>	<b>Physical Geography</b>	<b>2021</b>		<a href="https://doi.org/10.1080/04353676.2020.1822001">https://doi.org/10.1080/04353676.2020.1822001</a>

reconstructing the Late Holocene glacial history of the Hoksar valley, Kashmir Himalaya, India						
Impact of Land System Changes and Extreme Precipitation on Peak Flood Discharge and Sediment Yield in the Upper Jhelum Basin, Kashmir Himalaya	Shakil Ahmad Romshoo, Aazim Yousuf	Geoinformatics	Preprints	2021		<a href="https://europepmc.org/article/ppr/ppr547357">https://europepmc.org/article/ppr/ppr547357</a>
Progress and challenges in glacial lake outburst flood research (2017-2021): a research community	Adam Emmer, Simon K Allen, Mark Carey, Holger Frey, Christian Huggel,	Geoinformatics	Natural Hazards and Earth System Sciences	2022		<a href="https://doi.org/10.5194/nhess-22-3041-2022">https://doi.org/10.5194/nhess-22-3041-2022</a>

<b>perspective</b>	<b>Oliver Korup, Martin Mergili, Ashim Sattar, Georg Veh, Thomas Y Chen, Simon J Cook, Mariana Correas- Gonzalez, Soumik Das, Alejandro Diaz Moreno, Fabian Drenkhan , Melanie Fischer, Walter W Immerzee l, Eñaut Izagirre, Ramesh Chandra Joshi, Ioannis Kougkoul os, Riamsara Kuyakano</b>					
--------------------	---	--	--	--	--	--



	<b>n Knapp, Dongfeng Li, Ulfat Majeed, Stephanie Matti, Holly Moulton, Faezeh Nick, Valentine Piroton, Irfan Rashid, Masoom Reza, Anderson Ribeiro de Figueired o, Christian Riveros, Finu Shrestha, Milan Shrestha, Jakob Steiner, Noah Walker- Crawford, Joanne L Wood, Jacob C Yde</b>					
--	---	--	--	--	--	--

<b>Modelling the Hydrological Response to Urban Land-Use Changes in Three Wetland Catchments of the Western Himalayan Region</b>	<b>Irfan Rashid, Shahid Ahmad Dar, Sami Ullah Bhat</b>	<b>Geoinformatics</b>	<b>Wetlands</b>	<b>2022</b>	<a href="https://doi.org/10.1007/s13157-022-01593-z">https://doi.org/10.1007/s13157-022-01593-z</a>
<b>Diversity, Distribution and Drivers of Alien Flora in the Indian Himalayan Region</b>	<b>Sajad Ahmad Wani, Rameez Ahmad, Ruquia Gulzar, Irfan Rashid, Akhtar Hussain Malik, Irfan Rashid, Anzar Ahmad Khuroo</b>	<b>Geoinformatics</b>	<b>Global Ecology and Conservation</b>	<b>2022</b>	<a href="https://doi.org/10.1016/j.gecco.2022.e02246">https://doi.org/10.1016/j.gecco.2022.e02246</a>
<b>Identification of anthropogenic contribution to wetland</b>	<b>Shahid Ahmad Dar, Aadil Hamid, Irfan Rashid,</b>	<b>Geoinformatics</b>	<b>Stochastic Environmental Research and Risk Assessment</b>	<b>2022</b>	<a href="https://doi.org/10.1007/s00477-021-02121-x">https://doi.org/10.1007/s00477-021-02121-x</a>

<b>degradation: Insights from the environmental techniques.</b>	<b>Sami Ullah Bhat</b>		<b>t</b>			
<b>Ascertaining glacier dynamics and geodetic mass changes in the Pangong Region of Trans-Himalayan Ladakh using remote sensing data</b>	<b>Irfan Rashid, Nadeem Ahmad Najar, Ulfat Majeed, Waseem Rasool</b>	<b>Geoinformatics</b>	<b>Data in Brief</b>	<b>2022</b>		<a href="https://doi.org/10.1016/j.dib.2022.108176">https://doi.org/10.1016/j.dib.2022.108176</a>
<b>Deciphering the source contribution of organic matter accumulation in an urban wetland ecosystem</b>	<b>Shahid Ahmad Dar, Sami Ullah Bhat, Irfan Rashid, Pankaj Kumar, Rajveer Sharma, Sheikh Aneaus</b>	<b>Geoinformatics</b>	<b>Land Degradation &amp; Development</b>	<b>2022</b>		<a href="https://doi.org/10.1002/ldr.4280">https://doi.org/10.1002/ldr.4280</a>
<b>Editorial: Ecosystem and Hydrological Responses in</b>	<b>Irfan Rashid, Mauri Pelto, Artur Gil,</b>	<b>Geoinformatics</b>	<b>Frontiers in Environmental Science</b>	<b>2022</b>		<a href="https://doi.org/10.3389/fenvs.2022.880386">https://doi.org/10.3389/fenvs.2022.880386</a>

<b>Mountain Environments to the Changing Climate</b>	<b>Muhammad Hasan Ali Baig</b>					
<b>Invasive species services-disservices conundrum: A case study from Kashmir Himalaya</b>	<b>Ishfaq Ahmad Sheergojri, Irfan Rashid, Ishfaq Ul Rehman, Irfan Rashid</b>	<b>Geoinformatics</b>	<b>Journal of Environmental Management</b>	<b>2022</b>		<a href="https://doi.org/10.1016/j.jenvman.2022.114674">https://doi.org/10.1016/j.jenvman.2022.114674</a>
<b>Naturalisation of Ranunculus repens in Kashmir Himalaya: Floristic and Ecological Aspects</b>	<b>Ruquia Gulzar, Fayaz A Banday, Zubair A Rather, Irfan Rashid, Anzar Ahmad Khuroo</b>	<b>Geoinformatics</b>	<b>Plant Biosystems -An International Journal Dealing with all Aspects of Plant Biology</b>	<b>2022</b>		<a href="https://doi.org/10.1080/11263504.2022.2036847">https://doi.org/10.1080/11263504.2022.2036847</a>
<b>Spatiotemporal Dynamics and Geodetic Mass Changes of Glaciers With Varying Debris Cover in the Pangong Region of</b>	<b>Ulfat Majeed, Irfan Rashid, Nadeem Ahmad Najar, Nafeeza Gul</b>	<b>Geoinformatics</b>	<b>Frontiers in Earth Science</b>	<b>2021</b>		<a href="https://doi.org/10.3389/feart.2021.748107">https://doi.org/10.3389/feart.2021.748107</a>

<b>Trans-Himalayan Ladakh, India Between 1990 and 2019</b>						
<b>The Status of Current Knowledge, Distribution, and Conservation Challenges of Wetland Ecosystems in Kashmir Himalaya, India</b>	<b>Shahid Ahmad Dar, Sami Ullah Bhat, Irfan Rashid</b>	<b>Geoinformatics</b>	<b>Wetlands Conservation: Current Challenges and Future Strategies</b>	<b>2021</b>		<a href="https://doi.org/10.1002/9781119692621.ch10">https://doi.org/10.1002/9781119692621.ch10</a>
<b>Landscape Transformations, Morphometry, and Trophic Status of Anchar Wetland in Kashmir Himalaya: Implications for Urban Wetland Management</b>	<b>Shahid Ahmad Dar, Sami Ullah Bhat, Irfan Rashid</b>	<b>Geoinformatics</b>	<b>Water, Air, &amp; Soil Pollution</b>	<b>2021</b>		<a href="https://doi.org/10.1007/s11270-021-05416-5">https://doi.org/10.1007/s11270-021-05416-5</a>
<b>Linking land system changes</b>	<b>Shahid Ahmad Dar, Irfan</b>	<b>Geoinformatics</b>	<b>Environmental Monitoring</b>	<b>2021</b>		<a href="https://link.springer.com/article/10.1007/s10661-021-09476-2">https://link.springer.com/article/10.1007/s10661-021-09476-2</a>

<b>(1980–2017) with the trophic status of an urban wetland: Implications for wetland management</b>	<b>Rashid, Sami Ullah Bhat</b>		<b>and Assessment</b>			
<b>Retreat of Machoi glacier, Kashmir Himalaya between 1972 and 2019 using remote sensing methods and field observations</b>	<b>Irfan Rashid, Ulfat Majeed, Nadeem Ahmad Najar, Imtiyaz Ahmad Bhat</b>	<b>Geoinformatics</b>	<b>Science of the Total Environment</b>	<b>2021</b>		<a href="https://doi.org/10.1016/j.scitotenv.2021.147376">https://doi.org/10.1016/j.scitotenv.2021.147376</a>
<b>A massive rock and ice avalanche caused the 2021 disaster at Chamoli, Indian Himalaya</b>	<b>DH Shugar, M Jacquemart, D Shean, S Bhushan, K Upadhyay, A Sattar, W Schwanghart, S McBride, M Van</b>	<b>Geoinformatics</b>	<b>Science</b>	<b>2021</b>		<a href="https://doi.org/10.1126/science.abh4455">https://doi.org/10.1126/science.abh4455</a>

<p>Wyk de Vries, M Mergili, A Emmer, C Deschamps- Berger, M McDonnell, R Bhambri, S Allen, E Berthier, JL Carrivick, JJ Clague, M Dokukin, SA Dunning, H Frey, S Gascoin, UK Haritashya, C Huggel, A Kääb, JS Kargel, JL Kavanaugh, P Lacroix, D Petley, S Rupper, MF Azam, SJ Cook, AP Dimri, M</p>					
--	--	--	--	--	--

	<b>Eriksson, D          Farinotti, J          Fiddes, KR          Gnyawali, S          Harrison, M          Jha, M          Koppes, A          Kumar, S          Leinss, U          Majeed, S          Mal, A          Muhuri, J          Noetzli, F          Paul, I          Rashid, K          Sain, J          Steiner, F          Ugalde, CS          Watson, MJ          Westoby</b>					
<b>Radon mapping in groundwater and indoor environs of Budgam, Jammu and Kashmir</b>	<b>Salik Nazir, Supriya Sahoo, BK, Rani, Sajad Masood, Rosaline Mishra, Nissar Ahmad,</b>	<b>Geoinformatics</b>	<b>Journal of Radioanalytical and Nuclear Chemistry</b>	<b>2021</b>		<a href="https://doi.org/10.1007/s10967-021-07856-z">https://doi.org/10.1007/s10967-021-07856-z</a>



	<b>Irfan Rashid, Sheikh Zahoor Ahmad, Shakeel Simnani</b>					
<b>Time series analysis of climate variability and trends in Kashmir Himalaya</b>	<b>Javaid M Dad, M Muslim, Irfan Rashid, Irfan Rashid, Zafar Reshi</b>	<b>Geoinformatics</b>	<b>Ecological Indicators</b>	<b>2021</b>		<a href="https://doi.org/10.1016/j.ecolind.2021.107690">https://doi.org/10.1016/j.ecolind.2021.107690</a>
<b>Investigating the 2017 Erratic Fishkill Episode in the Jhelum River, Kashmir Himalaya</b>	<b>Irfan Rashid, Mohmmad Irshad Rather, Shabir A Khanday</b>	<b>Geoinformatics</b>	<b>Pollutants</b>	<b>2021</b>		<a href="https://doi.org/10.3390/pollutants1020008">https://doi.org/10.3390/pollutants1020008</a>
<b>Evaluating the performance of multisource digital elevation models using morphometric parameters and field</b>	<b>Irfan Rashid, Sadaff Altaf</b>	<b>Geoinformatics</b>	<b>Environmental Earth Sciences</b>	<b>2021</b>		<a href="https://doi.org/10.1007/s12665-021-09499-5">https://doi.org/10.1007/s12665-021-09499-5</a>

<b>survey data over the mountainous landscapes of northwest Himalaya, India</b>						
<b>Recession of Gya Glacier and the 2014 glacial lake outburst flood in the Trans-Himalayan region of Ladakh, India</b>	<b>Ulfat Majeed, Irfan Rashid, Ashim Sattar, Simon Allen, Markus Stoffel, Marcus Nüsser, Susanne Schmidt</b>	<b>Geoinformatics</b>	<b>Science of The Total Environment</b>	<b>2021</b>		<a href="https://doi.org/10.1016/j.scitotenv.2020.144008">https://doi.org/10.1016/j.scitotenv.2020.144008</a>
<b>Dose estimation of radioactivity in groundwater of Srinagar City, Northwest Himalaya, employing fluorimetric and scintillation techniques</b>	<b>Salik Nazir, Shakeel Simnani, B.K. Sahoo, Irfan Rashid, Sajad Masood</b>	<b>Geoinformatics</b>	<b>Environmental Geochemistry and Health</b>	<b>2021</b>		<a href="https://doi.org/10.1007/s10653-020-00576-5">https://doi.org/10.1007/s10653-020-00576-5</a>

<b>Land system transformation s govern the trophic status of an urban wetland ecosystem: Perspectives from remote sensing and water quality analysis</b>	<b>Shahid Ahmad Dar, Irfan Rashid, Sami Ullah Bhat</b>	<b>Geoinformatics</b>	<b>Land Degradation and Development</b>	<b>2021</b>	<a href="https://doi.org/10.1002/ldr.3924">https://doi.org/10.1002/ldr.3924</a>
--	--	-----------------------	---	-------------	---