**Number of books and chapters in edited volumes published per teacher during the last five years (2019-2023)**

| Sl. No. | Name of the teacher | Title of the book published | Title of the chapters published | Year | ISBN number | Whether at the time of publication Affiliating Institution was same Yes/No | Name of the publisher |
|---|---|---|---|---|---|---|---|
| 1 | S. Sarah | Integrated approaches to sustainable watershed management in xeric environments: A training manual | Module III: geohydrology context. | 2019 | 978-0-12-815275-1 | Yes | Elsevier |
| 2 | Javid A. Ganai, Irfan Maqbool Bhat | R. K. Srivastava et al. (eds.), Dyke Swarms of the World: A Modern Perspective, Springer Geology, https://doi.org/10.1007/978-981-13-1666-1_11 | Geochemistry, Petrogenesis and Tectonic Significance of the Proterozoic Mafic Dykes from the Bomdila Area, NE Lesser Himalaya, India | 2019 | 9789811316661, 981131666X | Yes | Springer |
| 3 | Reyaz Ahmad Dar | Water, Cryosphere, and Climate Change in the Himalayas | Late Quaternary Glacial Geomorphology of Kashmir Valley, NW Himalayas: A Case Study of the Sind Basin | 2021 | 978-3-030-67932-3 | Yes | Springer |

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| 4 | Nadeem Ahmad Bhat, Ghulam Jeelani, Riyaz Ahmad Mir | Water, Cryosphere, and Climate Change in the Himalayas | Application of Environmental Isotopes and Hydrogeochemistry in Groundwater Management—A Case Study of Bringi Watershed, Kashmir Himalayas, India | 2021 | 978-3-030-67932-4 | Yes | Springer |
| 5 | Riyaz Ahmad Mir, Farooq Ahmad Dar, Ghulam Jeelani | Water, Cryosphere, and Climate Change in the Himalayas | Chemical Weathering in Jhelum River and its Tributaries, Kashmir Basin, Western Himalaya | 2021 | 978-3-030-67932-5 | Yes | Springer |
| 6 | Lone, S.A., Jeelani, G., Alam, A., Bhat, M.S., Farooq, H | Understanding the Hydrological, Hydrosocial and Hydroheritage connections | Effect of changing climate on the water resources of upper Jhelum basin (UJB), India. | 2021 | 978-3-030-87067-6 | Yes | Springer |
| 7 | Bhat N.A., Jeelani G., Ahmad Mir R. | Water, Cryosphere, and Climate Change in the Himalayas. Geography of the Physical Environment. | Application of Environmental Isotopes and Hydrogeochemistry in Groundwater Management—A Case Study of Bringi Watershed, Kashmir Himalayas, India | 2021 | 978-3-030-67932-3 | Yes | Springer |

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| 8 | Mir R.A., Dar F.A., Jeelani G. | Water, Cryosphere, and Climate Change in the Himalayas. Geography of the Physical Environment. | Chemical Weathering in Jhelum River and its Tributaries, Kashmir Basin, Western Himalaya | 2021 | 978-3-030-67932-3 | Yes | Springer |
| 9 | Lone, S.A., Jeelani, G., | Climate Change Impact on Groundwater Resources | Appraising the Groundwater Potential of Liddar Sub-Basin (Western Himalayas) Using Geospatial Techniques. | 2022 | 978-3-031-04707-7 | Yes | Springer |
| 10 | Ahsan A. Wani, Bikram S. Bali, Sareer A Mir, Umar Nazir, Gowhar Mehraj | Geospatial Modeling for Environmental Management: Case Studies from South Asia," | Geospatial technology in landslide hazard assessment – a case study along Bandipora-Srinagar highway, NW Himalaya, J&K, India | 2022 | 9780367702892 | Yes | Taylor and Francis |
| 11 | Lone, S.A., Jeelani, G., | Impacts of Urbanization on Hydrological Systems in India | Spatio-temporal Dynamics of Groundwater Recharge in Dras Sub-Basin of Upper Indus River Basin, Western Himalayas | 2023 | 978-3-031-21618-3 | Yes | Springer |
| 12 | Lone, S.A., Jeelani, G., | In Emerging Technologies for Water Supply, Conservation and Management | Hydrogeomorphological Mapping of Groundwater Potential Zones Using Multi-influence Factor | 2023 | 978-3-031-35279-9 | Yes | Springer |

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| | | | **(MIF) and GIS Techniques** | | | | |
| **13** | **Lone, S.A., Jeelani, G.,** | **In Climate Crisis: Adaptive Approaches and Sustainability** | **Evaluating the Potential Impact of Climate Change on Glacier Dynamics in Western Himalayas, India** | **2024** | **978-3-031-44397-8** | **Yes** | **Springer** |
| **14** | **Lone, S.A., Jeelani, G.,** | **Water Resources Monitoring, Management and Sustainability** | **Sensitivity of cryosphere to climate change in Western Himalaya: a study from Dras Basin** | **2024** | **9780443236662.00** | **Yes** | **Elsevier** |