

## Ejaz Hussain

Professor

Institute of Geographical Information Systems

**Email:** ejaz@igis.nust.edu.pk

**Contact:** 0518741602

**LinkedIn:**



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## About

Dr. Ejaz Hussain is working as Professor in the Institute of Geographical Information Systems. Dr. Ejaz Hussain has a PhD in Remote Sensing and GIS. Dr. Ejaz Hussain has published 54 research articles & conference papers having a citation count of 439, carried out 6 projects and filed 1 intellectual property.

## Qualifications

<b>PhD in Remote Sensing and GIS</b> Purdue University , United States	2007 - 2010
<b>MS in Remote Sensing and GIS</b> Purdue University Calumet , United States	1998 - 2002
<b>BE in Civil</b> Military College Of Engineering Risalpur , Pakistan	1986 - 1990

## Experience

<b>Professor</b> Institute of Geographical Information Systems	2023- Present
<b>Associate Professor</b> Institute of Geographical Information Systems	2018 - 2023
<b>Defence Faculty</b> NUST Institute of Civil Engineering.	2011 - 2018
<b>Assoc Professor</b> IGIS SCEE , H-12 NUST	2018 - 2022
<b>FM</b> IGIS SCEE , NUST H-12	2011 - 2018
<b>Instructor</b> MCE , MCE Risalpur	1998 - 2000

## Professional Memberships

PEC

Research Projects

National Projects

Research-based Habitat Planning for a Resilient Ishkoman Valley through Modelling and Assessment of Remote Sensing and In-valley Hazards and Glacial Water Variability under Climate Change2022

Funding Agency: Agha Khan Planning and Building Service Pakistan ( AKPBS,P)

Amount: PKR 7,100,000.00

Status: Approved\_inprocess

Implications of Climate Change on Snow Cover Dynamics and Hydrological Behaviour in HK-Karakorum-Himalayan Ranges2017

Funding Agency: HEC

Amount: PKR 459,400.00

Status: Completed

QUATIFICATION OF NITROGEN DYNAMICS AND FLOWS AND MITIGATION OF ITS LOSSES IN AGRICULTURAL SYSYTEMS IN THE INDUS BASIN, PAKISTAN2015

Funding Agency: ICARDA

Amount: PKR 1,337,449.00

Status: Completed

vulnerability of Climate Change on water resources and its consequences on agriculture water management in Pakistan2017

Funding Agency: HEC

Amount: PKR 5,410,000.00

Status: Completed

International Projects

Modeling of Parthenium Spread through Water Flows2019

Funding Agency: CAB International Central and West Asia, Pakistan

Amount: PKR 500,000.00

Status: Completed

Industry Projects

National Projects

A study of the IWT and implications of its violations2020

Client: NIL

Amount: PKR 1,000,000.00

Status: Approved\_inprocess

International Projects

Research Articles

Public Adoption of Smart Transportation: A Technology Acceptance Model2025

Aqsa Mehmood Muhammad Ali Tahir Salman Atif Ejaz Hussain Hafiz Syed Hamid Arshad Farrukh Baig

Journal of Urban Planning and Development , Volume 151, Issue 3, Article Number 04025022

Impact Factor: 1.7000 | Quartile: 2

DOI: <https://doi.org/10.1061/JUPDDM.UPENG-5319>

An integrated geographic information system (GIS) and analytical hierarchy process (AHP)-based approach for drone-optimized large-scale flood imaging2025

Muhammad Farhan Nazir Salman Atif Ejaz Hussain

Drone Systems and Applications , Volume 13, Pages 1-18

Impact Factor: 1.9 | Quartile: 3

DOI: <https://doi.org/10.1139/dsa-2024-0039>

MangiSpectra: A Multivariate Phenological Analysis Framework Leveraging UAV Imagery and LSTM for Tree Health and Yield Estimation in Mango Orchards2025

Muhammad Munir Afsar Ejaz Hussain Javed Iqbal Muhammad Shahid Iqbal Asim Dilawar Bakhshi

Remote Sensing , Volume 17(4), Article Number 703

Impact Factor: 4.200 | Quartile: 1 | Citations: 1

DOI: <https://doi.org/10.3390/rs17040703>

<p><b>Deep neural network for crop classification using multitemporal data: A case study of Sialkot, Pakistan</b></p> <p><i>Shoaib Akhtar Muhammad Ali Tahir Salman Atif Ejaz Hussain Muhammad Umair Muhammad Shahzad Qudsia Gulzar</i></p> <p><i>Journal of Pure and Applied Agriculture</i>, Volume 9(2), Pages 95-108</p> <p><b>Impact Factor:</b> N/A</p> <p><b>DOI:</b> <a href="https://ojs.aiou.edu.pk/index.php/jpaa/article/view/2765">https://ojs.aiou.edu.pk/index.php/jpaa/article/view/2765</a></p>	2024
<p><b>High-Precision Mango Orchard Mapping Using a Deep Learning Pipeline Leveraging Object Detection and Segmentation</b></p> <p><i>Asim Dilawar Bakhshi Muhammad Shahid Iqbal Ejaz Hussain Javed Iqbal Muhammad Munir Afsar</i></p> <p><i>Remote Sensing</i>, Volume 16(17), Article Number 3207</p> <p><b>Impact Factor:</b> 4.200   <b>Quartile:</b> 1   <b>Citations:</b> 3</p> <p><b>DOI:</b> <a href="https://doi.org/10.3390/rs16173207">https://doi.org/10.3390/rs16173207</a></p>	2024
<p><b>Applying the Land Administration Domain Model (LADM) for Integrated, Standardized, and Sustainable Development of Cadastre Country Profile for Pakistan</b></p> <p><i>Muhammad Sheraz Ahsan Ejaz Hussain Christiaan Lemmen Malumbo Chaka Chipofya Jaap Zevenbergen Salman Atif Javier Morales Mila Koeva Zahir Ali</i></p> <p><i>Land</i>, Volume 13(6), Article Number 883</p> <p><b>Impact Factor:</b> 3.200   <b>Quartile:</b> 2   <b>Citations:</b> 3</p> <p><b>DOI:</b> <a href="https://doi.org/10.3390/land13060883">https://doi.org/10.3390/land13060883</a></p>	2024
<p><b>A deep learning-based framework for object recognition in ecological environments with dense focal loss and occlusion</b></p> <p><i>Muhammad Munir Afsar Asim Dilawar Bakhshi Ejaz Hussain Javed Iqbal</i></p> <p><i>Neural Computing and Applications</i>, Volume 36, Issue 16, Pages 9591-9604</p> <p><b>Impact Factor:</b> 4.500   <b>Quartile:</b> 2   <b>Citations:</b> 2</p> <p><b>DOI:</b> <a href="https://doi.org/10.1007/s00521-024-09582-5">https://doi.org/10.1007/s00521-024-09582-5</a></p>	2024
<p><b>Deriving requirements for integrated and standardised cadastre profile from the legacy Board of Revenue and the contemporary land administration systems</b></p> <p><i>Ejaz Hussain Christiaan Lemmen Jaap Zevenbergen Salman Atif Malumbo Chipofya Zahir Ali Javier Morales Mila Koeva Muhammad Sheraz Ahsan</i></p> <p><i>Survey Review</i>, Pages:21</p> <p><b>Impact Factor:</b> 1.2   <b>Quartile:</b> 3   <b>Citations:</b> 1</p> <p><b>DOI:</b> <a href="https://doi.org/10.1080/00396265.2024.2351624">10.1080/00396265.2024.2351624</a></p>	2024
<p><b>Performance evaluation of individual tree detection and segmentation algorithms using ALS data in Chir Pine (<i>Pinus roxburghii</i>) forest</b></p> <p><i>Tahir Saeed Ejaz Hussain Sami Ullah Javed Iqbal Salman Atif Mohsin Yousaf</i></p> <p><i>Remote Sensing Applications: Society and Environment</i>, Volume 34, Article Number 101178</p> <p><b>Impact Factor:</b> 4.7   <b>Citations:</b> 3</p> <p><b>DOI:</b> <a href="https://doi.org/10.1016/j.rsase.2024.101178">https://doi.org/10.1016/j.rsase.2024.101178</a></p>	2024
<p><b>Assessing the Status and Challenges of Urban Land Administration Systems Using Framework for Effective Land Administration (FELA): A Case Study in Pakistan</b></p> <p><i>Muhammad Sheraz Ahsan Ejaz Hussain Zahir Ali Jaap Zevenbergen Salman Atif Mila Koeva Abdul Waheed</i></p> <p><i>Land</i>, Volume 12(8), Article Number 1560</p> <p><b>Impact Factor:</b> 3.9   <b>Quartile:</b> 2   <b>Citations:</b> 3</p> <p><b>DOI:</b> <a href="https://doi.org/10.3390/land12081560">https://doi.org/10.3390/land12081560</a></p>	2023
<p><b>Remote Sensing-Based Prediction of Temporal Changes in Land Surface Temperature and Land Use-Land Cover (LULC) in Urban Environments</b></p> <p><i>Mohsin Ramzan Ejaz Hussain Junaid Aziz Khan Abid Nazir Muhammad Yousif Dasti Saqib Ali Nabeel Khan Niazi Zulfiqar Ahmed Saqib</i></p> <p><i>Land</i>, Volume 11, Issue 9, Article Number 1610</p> <p><b>Impact Factor:</b> 3.905   <b>Quartile:</b> 2   <b>Citations:</b> 25</p> <p><b>DOI:</b> <a href="https://doi.org/10.3390/land11091610">https://doi.org/10.3390/land11091610</a></p>	2022
<p><b>Spatiotemporal Investigation of Soil Salinity Using Geospatial Techniques: A Case Study of Tehsil Toba Tek Singh</b></p> <p><i>Shahid Karim Ejaz Hussain Junaid Aziz Khan Abdul Hameed Jamal Hassan Ougahi Farhan Iqbal</i></p> <p><i>Communications in Soil Science and Plant Analysis</i>, Pages 1-19</p> <p><b>Impact Factor:</b> 1.327   <b>Quartile:</b> 3   <b>Citations:</b> 5</p> <p><b>DOI:</b> <a href="https://doi.org/10.1080/00103624.2022.2070189">https://doi.org/10.1080/00103624.2022.2070189</a></p>	2022
<p><b>Spatio-temporal analysis of crop water requirements in Lower Chenab Canal (LCC) Irrigation System for the better management of water resources</b></p> <p><i>Muhammad Usman Ejaz Hussain Umair Rabbani Shahid Ghazi Syed M. Irteza Shamaila Gull</i></p>	2021

<i>Arabian Journal of Geosciences</i> , Volume 14, Article Number: 424	
<b>Impact Factor:</b> N/A   <b>Citations:</b> 1	
<b>DOI:</b> <a href="https://doi.org/10.1007/s12517-021-06758-4">https://doi.org/10.1007/s12517-021-06758-4</a>	
<b>Geospatial analysis and simulation of glacial avalanche hazard in hunza river basin</b>	2021
<i>Naseem Gilany Javed Iqbal Ejaz Hussain</i>	
<i>International Journal of Environmental Science and Development</i> , Volume 12, Issue 2, Pages 51-57	
<b>Impact Factor:</b> N/A   <b>Citations:</b> 1	
<b>DOI:</b> 10.18178/ijesd.2021.12.2.1317	
<b>Towards sustainable wastewater management: A spatial multi-criteria framework to site the Land-FILTER system in a complex urban environment</b>	2020
<i>Shamsa Kanwal Hamza Farooq Gabriel Ejaz Hussain Muhammad Sajjad</i>	
<i>Journal of Cleaner Production</i> , Volume 266, Article Number 121987	
<b>Impact Factor:</b> 9.297   <b>Quartile:</b> 1   <b>Citations:</b> 14	
<b>DOI:</b> <a href="https://doi.org/10.1016/j.jclepro.2020.121987">https://doi.org/10.1016/j.jclepro.2020.121987</a>	
<b>Shaping up the Future Spatial Plans for Urban Areas in Pakistan</b>	2020
<i>Muhammad Qadeer ul Hussain Abdul Waheed Khydija Wakil Christopher James Pettit Ejaz Hussain Malik Asghar Naeem Ghulam Abbas Anjum</i>	
<i>Sustainability</i> , Volume 12, Issue 10, Article Number 4216	
<b>Impact Factor:</b> 3.251   <b>Quartile:</b> 2   <b>Citations:</b> 11	
<b>DOI:</b> <a href="https://doi.org/10.3390/su12104216">https://doi.org/10.3390/su12104216</a>	
<b>Surface urban heat islands in the mega city of Karachi, their spatial distribution and health emergency response infrastructure</b>	2020
<i>Ejaz Hussain Junaid Aziz Khan Salman Atif</i>	
<i>Journal of The Pakistan Medical Association</i> , Volume 70(4), Pages 705-712	
<b>Impact Factor:</b> 0.781   <b>Quartile:</b> 4   <b>Citations:</b> 1	
<b>DOI:</b> DOI: 10.5455/JPMA.5478	
<b>A Framework to Bridge Digital Planning Tools' Utilization Gap in Peri-Urban Spatial Planning; Lessons from Pakistan</b>	2020
<i>Muhammad Qadeer ul Hussain Abdul Waheed Ejaz Hussain Ghulam Abbas Anjum Malik Asghar Naeem Khydija Wakil Christopher James Pettit</i>	
<i>Computers Environment and Urban Systems</i> , Volume 80, Article Number 101451	
<b>Impact Factor:</b> 5.324   <b>Quartile:</b> 1   <b>Citations:</b> 18	
<b>DOI:</b> <a href="https://doi.org/10.1016/j.compenvurbsys.2019.101451">https://doi.org/10.1016/j.compenvurbsys.2019.101451</a>	
<b>Climatic and hydrological projections to changing climate under CORDEX-South Asia experiments over the Karakoram-Hindukush-Himalayan water towers</b>	2020
<i>Muhammad Azmat Abdul Waheed Aasia Wahab Christian Hugge Muhammad Uzair Qamar Ejaz Hussain Shakil Ahmad</i>	
<i>Science of the Total Environment</i> , Volume 703, Article Number 135010	
<b>Impact Factor:</b> 7.963   <b>Quartile:</b> 1   <b>Citations:</b> 29	
<b>DOI:</b> <a href="https://doi.org/10.1016/j.scitotenv.2019.135010">https://doi.org/10.1016/j.scitotenv.2019.135010</a>	
<b>Future climate and cryosphere impacts on the hydrology of a scarcely gauged catchment on the Jhelum river basin, Northern Pakistan</b>	2018
<i>Muhammad Azmat Muhammad Uzair Qamar Christian Hugge Ejaz Hussain</i>	
<i>Science of The Total Environment</i> , Volume 639, Pages 961-976	
<b>Impact Factor:</b> 5.589   <b>Quartile:</b> 1   <b>Citations:</b> 69	
<b>DOI:</b> 10.1016/j.scitotenv.2018.05.206	
<b>Ensembling Downscaling Techniques and Multiple GCMs to Improve Climate Change Predictions in Cryosphere Scarcely-Gauged Catchment</b>	2018
<i>Muhammad Azmat Muhammad Uzair Qamar Shakil Ahmad Muhammad Adnan Shahid Ejaz Hussain Sajjad Ahmad Rao Arsalan Khushnood</i>	
<i>Water Resources Management</i> , Volume 32, Pages 3155–3174	
<b>Impact Factor:</b> 2.987   <b>Quartile:</b> 1   <b>Citations:</b> 13	
<b>DOI:</b> 10.1007/s11269-018-1982-9	
<b>Application of HEC-HMS for the event and continuous simulation in highaltitude</b>	2017
<i>Muhammad Azmat M.U. Qamar S. Ahmed Ejaz Hussain M. Umair</i>	
<i>European Water</i> , Vol.57, Pages 77-84	
<b>Impact Factor:</b> -	
<b>DOI:</b> NA	
<b>Integrated geospatial evaluation of manual cadastral mapping: a case study of Pakistan</b>	2017

Ejaz Hussain M. S. Ahsan Z. Ali

*SURVEY REVIEW*, Volume: 49 Issue: 356 Pages: 355-369

**Impact Factor:** 1.163 | **Quartile:** 3 | **Citations:** 5

**DOI:** 10.1080/00396265.2016.1180755

**Object-based urban land cover classification using rule inheritance over very high-resolution multisensor and multitemporal data**

2016

Ejaz Hussain Jie Shan

*GIScience & Remote Sensing*, Volume 53, Issue 2, Pages 164-182

**Impact Factor:** 3.049 | **Quartile:** 2 | **Citations:** 30

**DOI:** 10.1080/15481603.2015.1122923

**Species distribution modelling of *Aedes aegypti* in two dengue-endemic regions of Pakistan**

2016

Ejaz Hussain Syeda Hira Fatima Salman Atif Syed Basit Rasheed Farrah Zaidi

*Tropical Medicine and International Health*, Volume 21, Issue 3, Pages 427-436

**Impact Factor:** 2.85 | **Quartile:** 1 | **Citations:** 55

**DOI:** 10.1111/tmi.12664

**Urban building extraction through object-based image classification assisted by digital surface model and zoning map**

2016

Ejaz Hussain Jie Shan

*International Journal of Image and Data Fusion*, Volume 7, Issue 1, Pages 63-82

**Impact Factor:** - | **Citations:** 15

**DOI:** doi:10.1080/19479832.2015.1119206

**3-Dimensional Indoor Positioning System based on WI-FI Received Signal Strength using Greedy Algorithm and Parallel Resilient Propagation**

2015

Shuaib Alam Salman Atif Saddam Hussain Ejaz Hussain

*International Journal of Computer Applications*, Volume 116, No.18, Pages 32-38

**Impact Factor:** 0

**DOI:** 10.5120/20439-2780

**Development of new indices for extraction of built-up area & bare soil from Landsat data**

2012

Mirza Muhammad Waqar Johum Fatimah Mirza Rafia Mumtaz Ejaz Hussain

*Scientific Reports*, Volume 1, Issue 1, Article Number 136

**Impact Factor:** 2.927 | **Quartile:** 1

**DOI:** 10.4172/scientificreports.136,2012

**Building population mapping with aerial imagery and GIS data**

2011

Ejaz Hussain Serkan Ural Jie Shan

*International Journal of Applied Earth Observation and Geoinformation*, Volume 13, Issue 6, Pages 841-852

**Impact Factor:** 1.744 | **Quartile:** 1 | **Citations:** 103

**DOI:** 10.1016/j.jag.2011.06.004

**Building Extraction and Rubble Mapping for City Port-au-Prince Post-2010 Earthquake with GeoEye-1 Imagery and Lidar Data**

2011

EJAZ HUSSAIN Serkan Ural KyoHyouk Kim Jie Shan Chiung-Shiuan Fu

*Photogrammetric Engineering and Remote Sensing*, PHOTOGRAMMETRIC ENGINEERING AND REMOTE SENSING Volume: 77 Issue: 10 Pages: 1011-1023

**Impact Factor:** 1.048 | **Quartile:** 2

**DOI:** <http://www.ingentaconnect.com/content/asprs/pers/2011/00000077/00000010/art00002>

**Flood Mapping with Satellite Images and its Web Service**

2010

Ejaz Hussain Jie Shan KyoHyouk Kim Larry Biehl

*Photogrammetric Engineering and Remote Sensing*, Volume 76, Issue 2, Pages 102-105, Special Issue SI

**Impact Factor:** 0.931 | **Quartile:** 2

**DOI:** -

**Study on Accuracy of 1-Degree DEM versus Topographic Complexity Using GIS Zonal Analysis**

2003

Ejaz Hussain Jie Shan Muhammad Zaheer

*Journal of Surveying Engineering*, Volume: 129 Issue: 2 Pages: 85-89

**Impact Factor:** 0.2 | **Quartile:** 4 | **Citations:** 12

**DOI:** 10.1061/(ASCE)0733-9453(2003)129:2(85)

**Conference Proceedings**

<b>Assessing Urban Land Administration Capacity to Achieve 2030 Agenda for Sustainable Development in Pakistan</b> <i>Muhammad Sheraz Ahsan Salman Atif Christiaan Lemmen Ejaz Hussain Mila Koeva Jaap Zevenbergen Zahir Ali Abdul Waheed</i> 9th FIG Regional Conference 2024 , res.country(167,) <b>Citations:</b> N/A <b>DOI:</b> Nil	2024
<b>A Framework Towards Digital and Improved Urban Land and Real Estate Management in Pakistan</b> <i>Muhammad Sheraz Ahsan Ejaz Hussain Salman Atif Jaap Zevenbergen Christiaan Lemmen Zahir Ali Mila Koeva Abdul Waheed</i> 4th International Conference on Bussiness, Management and Social Sciences, res.country(177,) <b>Citations:</b> N/A <b>DOI:</b> Nil	2024
<b>An Evaluation of Existing Models of Smart Cities Development Around the World</b> <i>Aqsa Mehmood Muhammad Ali Tahir Hafiz Syed Hamid Arshad Salman Atif Ejaz Hussain Gavin Mcardle Michela Bertolotto</i> Conference Proceedings, Cape Town South Africa November 06-07, 2023, res.country(247,) <b>Citations:</b> N/A <b>DOI:</b> Nil	2023
<b>Efficient mapping of flood hazards, using drones and aerial imaging techniques: State of the art and shortcomings</b> <i>Muhammad Farhan Nazir Salman Atif Muhammad Zeeshan Ejaz Hussain</i> 3rd Flagship International Conference on Water, Energy, and Environment for Sustainability (IC-WEES 2023) res.country(177,) <b>Citations:</b> N/A <b>DOI:</b> 10.3389/978-2-8325-1237-1	2023
<b>Application of the Online WhatIf? Planning Support System in Peri-urban Spatial Planning; Case study of Muzaffargarh, Pakistan</b> <i>Qadeer ul Hussnain Abdul Waheed Abbas Anjum Malik Asghar Naeem Khydiya Wakil Ali Tahir Christopher Pettit Ejaz Hussain</i> CORP 2019 , res.country(57,) <b>Citations:</b> N/A <b>DOI:</b> <a href="https://isocarp.org/events/35236/">https://isocarp.org/events/35236/</a>	2019
<b>Application of HEC-HMS for the event and continuous simulation in highaltitude scarcely-gauged catchment under changing climate</b> <i>Muhammad Azmat M.U. Qamar Shakil Ahmad Ejaz Hussain Muhmmad Umair</i> 10th World Congress of EWRA, res.country(88,) <b>Citations:</b> N/A <b>DOI:</b> Nil	2017
<b>Application of HEC-HMS for the event and continuous simulation in high-altitude scarcely-gauged catchment under changing climate</b> <i>M. Azmat M.U. Qamar S. Ahmed E. Hussain M. Umair</i> 10th World Congress of EWRA 'Panta Rhei', res.country(88,) <b>Citations:</b> N/A <b>DOI:</b> N/A	2017
<b>Landsat-8 Operational Land Imager Change Detection Analysis</b> <i>Ejaz Hussain W. Pervez S. A. Khan Faisal Amir M.A. Maud</i> The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, res.country(57,) <b>Citations:</b> N/A <b>DOI:</b> 10.5194/isprs-archives-XLII-1-W1-607-2017	2017
<b>EVALUATE THE CAPABILITY OF LANDSAT8 OPERATIONAL LAND IMAGER FOR SHORELINE CHANGE DETECTION /INLAND WATER STUDIES</b> <i>Ejaz Hussain W. Pervez S. A. Khan Faisal Amir M.A. Maud</i> The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, res.country(109,) <b>Citations:</b> N/A <b>DOI:</b> 10.5194/isprs-archives-XLII-5-W1-145-2017	2017
<b>Satellite based seasonal land use classification and change detection analysis of landsat-8 operational land imager</b> <i>Ejaz Hussain Wasim Pervez Shoab Ahmad Khan Faisal Amir</i> International Conference on Advances in Sustainable Construction Materials & Civil Engineering Systems (ASCMCES-17), res.country(2,)	2017

<b>Citations:</b> N/A <b>DOI:</b> 10.1051/mateconf/201712009004	
<b>Satellite based Comparative Analysis of Landsat-8 Operational Land Imager, Advanced Land Imager and Hyperion Data for Mapping Applications</b> <i>Ejaz Hussain Shoab Ahmad Khan Wasim Pervez Faisal Amir Junaid Aziz Khan</i> 3rd Internatinal Congress on Technology engineering and Science, res.country(157,)	2017
<b>Citations:</b> N/A <b>DOI:</b> N/A	
<b>Mapping and Monitoring Planned Development of Vegetation Cover in Desert Area using Temporal Remote Sensing Data</b> <i>Muhammad Usman Ejaz Hussain Serkan Ural Jie Shan</i> Conference: American Society for Photogrammetry and Remote Sensing (ASPRS) Annual Conference, res.country(233,)	2013
<b>Citations:</b> N/A <b>DOI:</b> Nil	
<b>Post Flood Drinking Water quality Assessment of Charsadda District Using GIT's</b> <i>Hena Shahzada Ejaz Hussain Javed Iqbal</i> International Conference on Earth Sciences Pakistan 2012, res.country(177,)	2012
<b>Citations:</b> N/A <b>DOI:</b> <a href="http://nceg.uop.edu.pk/GeologicalBulletin/Vol-45(2)-2012/Vol-45(2)-2012-Abstract-119.pdf">http://nceg.uop.edu.pk/GeologicalBulletin/Vol-45(2)-2012/Vol-45(2)-2012-Abstract-119.pdf</a>	
<b>Comparison of Pixel-Based and Object-Based Classification for Glacier Change Detection</b> <i>Ibad Ur Rehman Syed Saqib Kami Syed Saad Ali Ejaz Hussain</i> 2nd International Workshop on Earth Observation and Remote Sensing Applications, res.country(48,)	2012
<b>Citations:</b> N/A <b>DOI:</b> 10.1109/EORSA.2012.6261178	
<b>Soil Salinity Assessment in Toba Tek Singh using Remote Sensing and GIS</b> <i>Ejaz Hussain SHAHID KARIM</i> International Conference of GIS Users TAZA GIS-Days, res.country(136,)	2012
<b>Citations:</b> N/A <b>DOI:</b> <a href="https://www.researchgate.net/publication/334192581_Soil_salinity_assessment_in_Toba_Tek_Singh_using_remote_sensing_and_GIS">https://www.researchgate.net/publication/334192581_Soil_salinity_assessment_in_Toba_Tek_Singh_using_remote_sensing_and_GIS</a>	
<b>Maping Pakistan 2010 Floods Using Remote Sensing Data</b> <i>Ejaz Hussain Serkan Ural Abrar Malik Jie Shan</i> American Society for Photogrammetry and Remote Sensing Annual Conference, res.country(233,)	2011
<b>Citations:</b> N/A <b>DOI:</b> <a href="https://pdfs.semanticscholar.org/e459/8d1b62dac9bc5095ac074c4fd7ba77713f48.pdf">https://pdfs.semanticscholar.org/e459/8d1b62dac9bc5095ac074c4fd7ba77713f48.pdf</a>	
<b>Very High Resolution Remote Sensing Data: Processing Capabilities and Limitations in Urban Areas</b> <i>Ejaz Hussain Jie Shan</i> IEEE Geoscience and Remote Sensing Symposium, res.country(233,)	2010
<b>Citations:</b> N/A <b>DOI:</b> <a href="https://pdfs.semanticscholar.org/313c/ff4d241335714bd6e095d1772b8ee292a4ff.pdf">https://pdfs.semanticscholar.org/313c/ff4d241335714bd6e095d1772b8ee292a4ff.pdf</a>	
<b>MAPPING MAJOR FLOODS WITH OPTICAL AND SAR SATELLITE IMAGES</b> <i>Ejaz Hussain Jie Shan</i> IEEE Geoscience and Remote Sensing Symposium, Honolulu, Hawaii, res.country(233,)	2010
<b>Citations:</b> N/A <b>DOI:</b> <a href="https://engineering.purdue.edu/~jshan/publications/2010/IGARSS_flood_formatted_Hussain_Shan.pdf">https://engineering.purdue.edu/~jshan/publications/2010/IGARSS_flood_formatted_Hussain_Shan.pdf</a>	
<b>Rule Inheritance in Objet-based Image classification for Urban Land Cover Mapping</b> <i>Ejaz Hussain Jie Shan</i> American Society for Photogrammetry and Remote Sensing Annual Conference, res.country(233,)	2010
<b>Citations:</b> N/A <b>DOI:</b> <a href="https://www.researchgate.net/publication/267370872_Rule_inheritance_in_object-based_image_classification_for_urban_land_cover_mapping?ev=prf_pub">https://www.researchgate.net/publication/267370872_Rule_inheritance_in_object-based_image_classification_for_urban_land_cover_mapping?ev=prf_pub</a>	
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Book Chapters

<b>Object-based Data Integration and Classification for High-Resolution Coastal Mapping</b> <i>Ejaz Hussain Jie Shan</i> In: <i>Book on Remote Sensing of Coastal Environments, 1st Edition</i> , Chapter 10, Pages 210-234 (26 pages) <b>Citations:</b> N/A <b>DOI:</b> DOI <a href="https://doi.org/10.1201/9781420094428">https://doi.org/10.1201/9781420094428</a>	2009
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Editorial Activities

<b>Frontiers in Environmental Science</b> Reviewed Papers for Journals <b>Impact Factor:</b> 3.3	2024
<b>Scientific Data</b> Reviewed Papers for Journals <b>Impact Factor:</b> 5.8	2024
<b>Remote Sensing Applications-Society and Environment</b> Reviewed Papers for Journals <b>Impact Factor:</b> 3.371	2023

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