Risk Information and Communication for Effective Risk Financing and Development of DRR Policies arranged by World Bank in Bangkok, Thailand

.

List of Publication

Journal Publication

1. A Smart Contract Approach in Pakistan Using Blockchain for Land Management *Science and Technology, 4(2), 425-435.* (2022)

2. Remote sensing based innovative solution of river morphology for better flood management, *International Journal of Applied Earth Observation and Geoinformation* (2022)

3. Quantifying the contribution of diminishing green spaces and urban sprawl to urban heat island effect in a rapidly urbanizing metropolitan city of Pakistan, *Land Use Policy 113 (2022): 105874*

4. SRTM DEM based 3-D Surface Deformation of Nanga Parbat Syntaxis through Drainage Density and Surface Roughness, *Sarhad Journal of Agriculture 37.3 (2021)*

5. Complex neutrosophic N-soft sets: A new model with application, *Neutrosophic Sets and Systems (2021)*

6. Spatially analyzing food consumption inequalities using GIS with disaggregated data from Punjab, Pakistan, *Food Security, Spring(2020)*

7. Co-designing Indus Water-Energy-Land Futures, *One Earth, Elsevier (2019)*

8. Marginality and Social Exclusion in Punjab, Pakistan: A Threat to Urban Sustainability, *Sustainable Cities and Society, Elsevier wordmark(2018)*

9. Using geographical information systems to assess groundwater contamination from arsenic and related diseases based on survey data in Lahore, Pakistan, *Arabian Journal of Geosciences, Springer, October(2017)*

10. Fuzzy Climate Decision Support Systems for Tomatoes in High Tunnels, *International Journal of Fuzzy Systems, Springer (2015).*

11. Mapping Soil Electric Conductivity using Bayesian Kriging – A case study from Qasur, Pakistan, *Journal of Geological Study, Springer (2015)*

12. Bipolar Fuzzy Digraph in Decision Support System." Journal of Multi-Valued Logic & Soft Computing, *Journal of Multi-Valued Logic & Soft Computing, Vol. 0, pp. 1-21,(2015).*

13. GIS Enabled Condition Based Asset Management of Gas Distribution Network A Case Study of Shahdara, Lahore Pakistan, *Journal of Geographic Information System, 7, 358-368. doi 10.4236/jgis.2015.74028. (2015).*

14. Protecting agricultural land in developing countries — A case study from Lahore, Pakistan, *International Journal of Advance Remote Sensing and GIS. ISSN2320-0243, (2015).*

15. Type-II Fuzzy Decision Support System for Fertilizer, *The Scientific World Journal 2014, Hindawi Publisher (2014).*

16. Fuzzy decision support system for fertilizer." Neural Computing and Applications, Springer Publisher, *Neural Computing and Applications, Springer Publisher, pp 1-11, 2014.*

17. Novel Applications of Intuitionistic Fuzzy Digraphs in Decision Support Systems, *The Scientific World Journal 2014, Hindawi Publisher, (2014).*

18. Digitized Profile of land for agriculture use in Punjab Pakistan, *International Journal of Scientific & Engineering Research, Volume 4th, Issue 11th, November 2013..*

19. Spatial variability mapping of soil-ec in agricultural field of Punjab province(Pakistan) using geographic information system (GIS) technique, *International Journal of Scientific & Engineering Research, Volume 4th, Issue 11th, November-2013.*

Conference Proceeding

1. Geospatial Big Data Platform for Water for All in Indus Basin, World bank conference on Land and Poverty, March 2019

2. Data Clearinghouse for Water Resource Management, ADB Asian Water Forum 2018 , Oct 2018

3. Multi-criteria Analysis for Spatial Modelling of Forest Protection Zones, GeoMEast , July 2017

4. Enabling Marketing Intelligence in Spatial Domain using Spatial Statistics, SRSA Conference March 31st- April 2nd, 2016.

5. GIS based probabilistic hazard risk assessment of road accidents, GEOMATE2015, Nov 16th- 18th, 2015.

6. GIS based probabilistic hazard vulnerability and risk assessment of flood in swat and Kabul river, SRSA Conference March 26th- 28th, 2015,

7. Decision Support System for Flood Disaster Management, NARSC Conference, Nov 12th- 15th, 2014.