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Research Work/Publications: -

International:

- 1. Shirazi, S.A** and Kazmi, S.J.H (2016): “Analysis of Socio-environmental Impacts of the Loss of Urban Trees and Vegetation in Lahore, Pakistan: A Review of Public Perception”, *Ecological Processes*, 5(1), 1-12 DOI: 10.1186/s13717-016-0050-8 Springer Open .ISSN 2192-1709
<http://link.springer.com/article/10.1186/s13717-016-0050-8>
- 2. Sajjid.S.H, Blond N, Clappier ,A Raza A, Shirazi, S.A** and Shakrullah K (2010): “The preliminary study of urbanization, fossil fuels consumptions and CO₂ emission in Karachi” *African Journal of Biotechnology* Vol. 9(13), pp. 1941-1948, 29 March, 2010. Available online at <http://www.academicjournals.org/AJB> ISSN 1684–5315 © 2010 Academic Journals
- 3. Shirazi, S.A** and Hussain M.S (2009): “*Trends and Patterns of Climatic Research in Pakistan: An Overview of the Research Published in Pakistan Journal of Meteorology*”. *Journal of Climate Research*, Vol. 4, No.2(Series No.7), August 2009 .ISSN 1975-6151,KU 128-143 Climate Research Institute, Soul-South Korea
- 4. Sajjid.S.H, Shirazi, S.A, Khan M.A and Raza A (2010):** “Urbanization effects on temperature trends of Lahore during 1950-2007” *International Journal of Climate Change Strategies and Management*” Vol.1 Issue-3 pp.274-281
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- 5. Shirazi, S.A** and Hussain M.S (2009): “The Impact of Climate Change with Different Field of Studies: A Comprehensive Review”. *Journal of Climate Research*, Vol. 4, No.1(Series No.6), February 2009 .ISSN 1975-6151,KU 30-41Climate Research Institute, Soul-South Korea
- 6. Mangat,H.S and Shirazi, S.A (2006):** “*Old Punjab: New Facts (Introductory Note)*”.**Punjab Geographer**, Vol. 21, No.2 October 2006 113-116, A Journal of the Association of Punjab Geographers, India
- 7. Shirazi, S. Ali; Ahmad, Farooq Ali, Zulfiqar; Gulzar, F., Farooq Sumaira ;** (2004) “Soil Classification and Micromorphology: A Case Study of Cholistan Desert” (Proceedings of the 12th international Meeting on Soil Micromorphology Adana-Turkey, 20-26 September, 2004
- 8. Gulzar, F., Ahmad, F., Ghaffar, A. and Shirazi, S. A.** (2003): “*Possibilities for Range Development and Adoption of Australian Forage Shrubs in Cholistan*” African Journal of Rangeland & Forage Science Vol. 20 (2) 2003:1190-1192(www.ingentaselect.com)

National: -

1. S.Rathore,S.R Ahmad and **Shirazi S.A** (2016). “*Use of the Suitability Model to Identify Landfill Sites in Lahore-Pakistan*”. **Journal of Basic & Applied Sciences**, 2016, 12, pp.103-108
<http://dx.doi.org/10.6000/1927-5129.2016.12.16> (**Y category-HEC recognized**)
2. S.Rathore,S.R Ahmad and **Shirazi S.A** (2015). “*Application of GIS based Model in Landfill Site Selection: A Case Study of Lahore, Pakistan*”. **Pakistan Journal of Science**, Vol. 67 No. 4 Dec., 2015 pp.359-364 Lahore (**Y category-HEC recognized**)
3. Shakrullah K , **Shirazi S.A**, and Sajjad H. S (2015). “*Spatio-Temporal Analysis of land Cover Changes of Dhaka City in Bangladesh*”. **Pakistan Journal of Science**, Vol. 67 No. 4 Dec., 2015 pp.413-418 Lahore (**Y category-HEC recognized**)
4. Zia S., **Shirazi S.A**, Bhalli M. N and S. Kausar (2015) “*The Impact of Urbanization on Mean Annual Temperature of Lahore Metropolitan Area, Pakistan*”. **Pakistan Journal of Science**, Vol. 67 No. 3 Sept., 2015 pp.301-307 Lahore (**Y category- HEC recognized**)
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6. Sajjad H. S, Sadaf H., **Shirazi S.A**, Shakrullah K., Shahzad K., Batool R and Qadri,T (2015) “*Spatial Variability of Urban Heat Island of Sargodha City in Pakistan*” **Journal of Basic & Applied Sciences**, 2015, 11, pp.278-285(**Y category-HEC recognized**)
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8. Sajjad H. S, Sadaf H, **Shirazi S.A**, Shakrullah K, B Rabia and and Saeed B (2014) “*Impact of Urban Evolution on Land-Use Change of Sargodha City in Pakistan*” **Journal of Science &Technology**, University of Peshawar, Peshawar Vol.38 No.1, 2014 pp.1-8, (**Y category-HEC recognized**)
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9. R. Alam, **Shirazi S.A**, M. N. Bhalli and S. Zia (2014). “*Spatial Distribution of Urban Green Spaces in Lahore, Pakistan: A Case Study of Gulberg Town*”. **Pakistan Journal of Science**, Vol. 66 No. 3 Sept., 2014 pp.277-281 Lahore (**Y category-HEC recognized**)
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11. Raza S.M,**Shirazi.S.A** (2014) “Use of Multi-temporal satellite data for monitoring Land use patterns in Sargodha-Pakistan” **Pakistan Geographical Review** Vol.69 No.2 Dec.,2014 pp. 80-92(**Y-category- HEC recognized**)
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14. Raza S.M, Shirazi S.A (2014) "Use of Multi-temporal satellite data for monitoring Land use patterns in Sargodha-Pakistan" **Pakistan Geographical Review** Vol.69 No.2 Dec., 2014 pp. 80-92 (HEC recognized)
15. Shirazi, S.A and Kazmi, J. H (2014): "Analysis of Population Growth and Urban Development in Lahore-Pakistan using Geospatial Techniques: Suggesting some Future Options" ,**Journal of South Asian Studies**, Vol.29 No.1 January-July, 2014 pp. 269-280, Centre for South Asian Studies, University of the Punjab, Lahore (**Y category- HEC recognized**)
16. Bhalli, M. N., Ghaffar, A., Shirazi, S.A., and N. Parveen. (2013) "An Analysis of the Normalized Difference Vegetation Index(NDVI) and its Relationship with the Population Distribution of Faisalabad-Pakistan" **Pakistan Journal of Science**, Vol. 65 No. 4 Dec., 2013 pp.496-502 Lahore (**Y category- HEC recognized**)
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25. Shirazi S.A (2012), "Temporal Analysis of Land Use and Land Cover Changes in Lahore-Pakistan". "Pakistan Vision" Vol.13 No.1 June, 2012 pp.188-207, Journal of Pakistan Study Center, University of the Punjab, Lahore(**Y category- HEC recognized**)

- 26. Shirazi S.A (2012), “*Spatial Analysis of NDVI and Density of Population: A Case study of Lahore: Pakistan*” Journal the “**Science International**”24(3)323-328, 2012, Lahore Pakistan(**Z category-HEC recognized**)**