
Publications and Achievements

Publications

1. **Chaurasia, A. N.**, Parmar, R. M., Dave, M. G., & Krishnayya, N. S. R. (2024). Integrating field-and remote sensing data to perceive species heterogeneity across a climate gradient. *Scientific Reports*, 14(1), 42. (IF: 4.6)
2. Parmar, R. M., **Chaurasia, A. N.**, Dave, M. G., Goroshi, S., & Krishnayya, N. S. R. (2022). Importance of AVIRIS-NG data in assessing the assemblage of guilds of tropical trees over a contrasting climate. *Advances in Space Research*. (IF: 2.611)
3. **Chaurasia, A. N.**, Parmar, R.M., Dave, M. G., Mehta, N., Kallaje, R., Sahu, A., Murthy, K. I., Singh, C. P., & Krishnayya, N.S.R., (2021). Syncing tree phenology phase and canopy spectral reflectance of common tree species of four forest covers. *Current Science*, 120(3), 567. (IF: 0.725)
4. **Chaurasia, A. N.**, Dave, M. G., Parmar, R. M., Bhattacharya, B., Marpu, P.R., Singh, A., Krishnayya, N.S.R., (2020). Inferring Species Diversity and Variability over Climatic Gradient with Spectral Diversity Metrics. *Remote Sensing*, 12(13), 2130. (IF: 4.509)
5. **Chaurasia, A. N.**, Dave, M. G., Parmar, R. M., N.S.R., Krishnayya, ed. (B. K. Bhattacharya and C. P. Singh), (2017). Deciduous forest species discrimination, In: Spectrum of India, ISRO, Ahmedabad, pp. (26), ISBN NO. 9789382760290.
6. Comparing two sensor data to perceive landscape phenology dynamics at Gir Wildlife Sanctuary (Gujarat, India). (In review)

Achievements

- Hasmukh Shah Memorial Awards-2023 - First prize under research category, organized by the Gujarat Ecology Society and Kachnar Trust. The award includes a cash prize of INR 1,00,000 and a certificate.
- First prize for paper presented at 2nd International conference on Biodiversity and Climate Change 2021, Misamis University, Ozamiz City, Philippines.
- Paper presented at 11th International Conference on Ecological Informatics (ICEI 2020+1) organised by School of Informatics, Kerala University of Digital Sciences, Innovation and Technology (Digital University Kerala).