

- Journal of Environment and Geoinformatics* 6 (3), 264-267.
- LaGro J. (1991). Assessing patch shape in landscape mosaics. *Photogrammetric engineering and remote sensing*, 57 (3): 285-293.
- Liu S., Wang D., Li H., Li W. and Wang Q. (2017). Ecological land fragmentation evaluation and dynamics change of a typical black soil farming area in Northeast china. *Sustainability*, 9 (300): 1-21. DOI.10.3390/su9020300.
- Macleod R. D. and Congalton R. G. (1998). A quantitative comparison of change detection algorithms for monitoring Eelgrass from remote sensed data. *Photogrammetric engineering and remote sensing*, 64(3): 207-216.
- Malczewski J. (1999). GIS and Multicriteria Decision Analysis. John Wiley and Sons, Inc., Canada.
- Michelsen O. and Lindner J. P. (2015). Why include impacts on biodiversity from land use in LCIA and how to select useful indicators? *Sustainability*, 7, 6278-6302.
- Minu S. and Shetty A. (2015). A comparative study of image change detection algorithms in MATLAB. *Aquatic procedia*, 4, 1366-1373.
- Munir T., Malik M. F., Naseem S. and Azzam A. (2018). Habitat fragmentation- a menace of biodiversity: A review. *International Journal of Fauna and Biological Studies*, 5 (4):37-41.
- Murthy M. S. R., Giriraj A. and Dutt C. B. S. (2003). Geoinformatics for biodiversity assessment. *BIOL. LETT.* 40(2): 75.100
- Mutia T. M. (2009). Biodiversity conservation. Presented at short course IV on exploration for geothermal resources, organized by UNU-GTP, KenGen and GDC, at Lake Naivasha, Kenya, Nov. 1-22.
- Puyravaud J. (2003). Standardizing the calculation of annual rate of deforestation. *Forest ecology and management*, 177, 593-596.
- Raghubanshi A. S. and Triparthi A. (2009). Effects of disturbance, habitat fragmentation and alien invasive plants on floral diversity in dry tropical forests of Vindhyan: a review. *Tropical ecology*, 50 (1): 57-69.
- Ragub J. O. and Bagarina R. T. (2012). Fractal dimension and patchiness in Hinabian-Lawigan watershed southern leyte, Philipines. *IAMURE International Journal of Ecology and Conservation*, 4, 17-33.
- Rees W. G. (2001). Physical principles of remote sensing. 2nd ed. Cambridge university press, Cambridge.
- Roy A. and Srivasta V. K. (2012). Geospatial approach to identification of potential hotspots of landuse and land cover change for biodiversity conservation. *Current science*, 103 (8), 1174-1180.
- Roy P. S. (2011). Geospatial characterization of biodiversity: need and challenges. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Volume XXXVIII-8/W20, 2011 ISPRS Bhopal 2011 Workshop, 8 November 2011, Bhopal, India
- Roy P. S. and Behera M. D. (2002). Biodiversity assessment at landscape level. *Tropical Ecology* 43(1): 151-171, 2002.
- Roy P. S. and Roy A. (2010). Land use and land cover change in India. A remote sensing and GIS perspective. *Journal of the Indian institute of science*, 90 (4): 489-501.
- Roy P.S. and Tomar S. (2000). Biodiversity characterization at landscape level using geospatial modeling technique. *Biological Conservation*, 95: 95-109.
- Salem B. B. (2003). Application of GIS to biodiversity monitoring. *Journal of arid environments*, 54: 91-114.
- Solomon C. and Dereje T. (2015). Threats of biodiversity conservation and ecotourism activities in Nechsar National Park, Ethiopia. *International journal of biodiversity and conservation*, 7(2), 130-139.
- Tchouto M.G.P., Yemefack M., De Boer W.F., De Wilde J.J.F.E., Van der Maesen L.J.G., Cleef A.M. (2006). Biodiversity hotspots and conservation priorities in the Campo-Ma'an rain forests, Cameroon. *Biodiversity and Conservation*, 15, 1219-1252.
- Teillard F., Anton A., Dumont B., Finn J. A., Henry B., Souza D. M., Manzano P. *et al.* (2016). A review of indicators and methods to assess biodiversity: Application to livestock production at global scale. Livestock environmental assessment and performance (LEAP) partnership. FAO, Rome, Italy.
- Viera, A. J. and Garrett, J. M. (2005). Understanding inter observer agreement: The Kappa statistic. *Research series*, 37 (5): 360-363.
- Wan H. Y., Cushman S. A. and Ganey J. I. (2018). Habitat fragmentation reduces genetic diversity and connectivity of the Mexican spotted owl: A simulation study using empirical resistance models. *Genes*, 9 (403):1-21. Doi.10.3390/genes9080403.
- Wang X., Blanchet F. G. and Koper N. (2014). Measuring habitat fragmentation: an evaluation of landscape pattern metrics. *Methods in ecology and evolution*, 5, 634-646. Doi.10.1111/2041-210x.12198
- Woldeamlak B. (2002). Land Cover Dynamics since 1950s in Chemoga Watershed, Blue Nile Basin, Ethiopia. *Mountain Research and Development* 22(3): 263-269.
- Zaitunah A., Samsuri, Ahmad A. G. and Safitri R. A. (2018). Normalized difference vegetation index (NDVI) analysis for land cover types using landsat 8 OLI in besitang watershed, Indonesia. IOP conf. series. *Earth and Environmental Science*, 126, 012112. Doi:10.1088/1755-1315/126/1/012112.