



SL.	RIVERS	TOPIC
1	Sagileru River	The Morphometric Analysis of Sagileru River Basin, Andhra Pradesh, by using Geospatial Technology.
	Ajay River	Environmental Vulnerability Mapping in Ajay River
		Basin using Geospatial Technology.
		Wetland Identification of Ajay River Basin.
		Identification of groundwater potential using Geospatial techniques in the Ajoy River Basin.
		Groundwater Potential Zone of Ajay River Basin using Remote Sensing and Geographical Information System Techniques.
		Identification of water-stressed areas using Geospatial techniques in the Ajoy River Basin.
		Hydrological Drought Analysis using SWAT Model & Geospatial Technology.
3	Bhagirathi Hooghly River	Water Quality Assessment of Hooghly River near Howrah district.
		Soil Loss Estimation of Bhagirathi Hooghly River Using RUSLE Model.
		Geospatial landscape of Panihati, Urban expansion on Ganga basin
		India – Ireland Riverine heritages sharing – some reflections on the Ganga and An Liffey's cultures, ecology and more
		Land Use/Land Cover Change Assessment Of Lower Ganga watershed In Howrah District, West Bengal Using Remote Sensing And GIS
4	Dwarakeshwar River	Flood Susceptibility Zone Identification of Dwarakeshwar River Basin.
5	Teesta River	Flood Susceptibility Mapping over Teesta River Basin using Geospatial Technology.
6	Ghaghara River	Flood Zonation Of The Ghaghara River Sub-Basin: Integrative Geospatial Analysis Of Environmental Dynamics & Socio-Economic Vulnerability
7	Yamuna River	Geospatial database creation and morphometric analysis of Yamuna River with special relevance to Delhi from a water pollution control perspective.
8	Mahananda River	Spatio-temporal Dynamics of Urban Land Use Change and Its Influence on Riverine System in Siliguri, India
9	Damoder River	Spatio-Temporal Monitoring of Land-Use Land-Cover and Hydro-Vegetative Dynamics in Maithon Basin (2016-2024) Using GIS and Remote Sensing
10	Cauvery River	Sedimentation Risk Assessment and Prediction for Upper Cauvery River Basin Using Artificial Neural Network



11	Kankai River	Bank Erosion and its impact on LULC changes in the lower basin of Kankai River using Geospatial Technologies
12	Beas River	Review of Minimal Flow Regulation Norms and Its Suitability For Beas River Basin
13	Mandakini River	I. Impact of climate change-induced water stress and possible solutions: A study of Mandakini River, Chitrakoot, Uttar Pradesh, India II. Application of Geomatics for the Identification of Landslide Susceptibility Zone (LSZ) in Mandakini River Basin, Uttarakhand, India
14	Silabati River	Flood Susceptibility Assessment Based on Hydro-Geomorphological Analysis Using Geospatial Techniques on Silabati River Basin, West Bengal, India.
15	Kangsabati River	Morphometric-based prioritisation of Watershed of Kangsabati River Basin