

研究テーマ SDGsの課題に取り組むことで自然環境を保全する

所属 GRASS

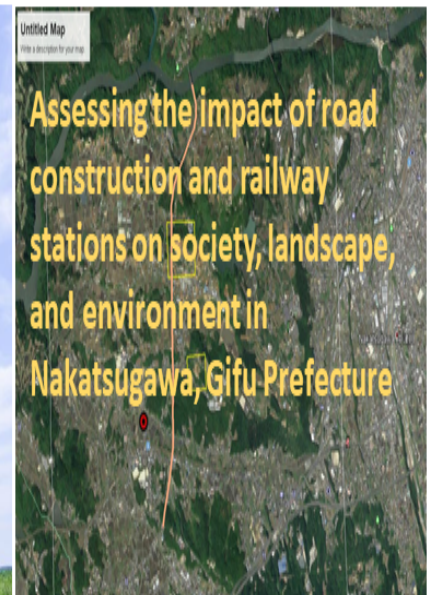
Assistant Professor Shishir Sharmin

<https://u-toyama.elsevierpure.com/en/persons/sharmin-shishir>

研究分野	土地利用、林業、都市成長、気候変動、農業、環境汚染、災害管理におけるSDGsの課題
キーワード	環境学、農業、土地利用、都市成長、森林、気候変動、GIS、リモートセンシング

研究室URL : <https://shishir62.wixsite.com/shishir-sharmin>

Current researches



Past researches

Global Ecology and Conservation
 Predicting the probable impact of climate change on the distribution of threatened *Shorea robusta* forest in Purbachal, Bangladesh
 Hierarchical classification of land use types using multiple vegetation indices to measure the effects of urbanization
 Climate change impact on the distribution of Tesso juu using maximum entropy and educational global climate modelling
 Change detection of Jamuna River and its impact on the local settlements
 Assessing NGOs micro-credit programs: a geo-spatial and socio-economic scenario from rural Bangladesh
 Assessing the impact of road construction and railway stations on society, landscape, and environment in Nakatsugawa, Gifu Prefecture

Studying land use land cover change, forest disturbance and conservation, and climate change using Remote Sensing and GIS techniques. Research interests include achieving SDG goals 6, 7, 9, 11, 13, 14, 15 of climate action and protecting life on earth. Future research includes the impacts of volcanic gas on vegetation decline at Tateyama Mountain Japan.