

SREEJA Vadakke Veetil
Nottingham Geospatial Institute
University of Nottingham

Dr. V. Sreeja is currently a Senior Research Associate at the Nottingham Geospatial Institute (NGI) in the University of Nottingham in UK. She did her M.Sc at Indian Institute of Technology (IIT, Madras, India) and Ph.D at Space Physics Laboratory (SPL, India) in Ionospheric Physics in 2010. After a short period as a Research Associate at SPL, Dr. Sreeja was appointed as a Postdoctoral Research Fellow at NGI (UK) in 2010. At NGI, Sreeja has been involved in ESA, EU and UK research council funded projects as PI and Co-PI, taking charge of data management and research in the areas of space weather and ionospheric effects on GNSS (Global Navigation Satellite System). She published 23 papers in peer-reviewed journals and presented/published 35 papers/reports in the proceedings of international meetings and conferences including invited talks (e.g., AGU fall meeting, 2013; Royal Institute of Navigation, 2014). She has also been the co-chair of sessions in international meetings (e.g., AGU fall meeting, 2013) and written an article under “Highlights on Young Scientist” published in the Climate and Weather for Sun-Earth System (CAWSES)-II Task Group4 newsletter (April 2012 Issue). Currently, her research focuses on assessing the effects of space weather on GNSS receivers, quantifying GNSS positioning errors and vulnerabilities to improve the modelling of GNSS scintillation and to develop scintillation mitigation tools to combat GNSS receiver performance degradation.