

Sreeja Vadakke Veetil

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). She has been pursuing her research as a Research Associate at the NGI since 2010 and 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 is currently the Co-PI and named Cross ESR (Early Stage Researcher) project coordinator on the European Commission/H2020 TREASURE (Training Research and Applications network to Support the Ultimate Real time high accuracy EGNSS solution) Marie Skłodowska-Curie ETN. She has published 28 papers in international peer-reviewed journals and presented/published 35 papers/reports in the proceedings of international conferences including invited talks (e.g., European Space Weather Week, 2016; Royal Institute of Navigation, 2014; AGU fall meeting, 2013). 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 space weather effects 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.