



SUPERVISION

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Prof. Dr.-Ing. Felix Norman Teferle
Chair Geodesy and Geospatial Engineering

Institute of Civil and Environmental Engineering (INCEEN)
Department of Engineering
Faculty of Science, Technology and
Medicine (FSTM)
University of Luxembourg

Legend

S	Principal Supervisor
Co-S	Co-Supervisor
Co-App	Co-Applicant in Project Proposal

Supervision of Postdoctoral Researchers

Since 2010 (University of Luxembourg)

<i>Period</i>	<i>Project Titles</i>	<i>Candidate</i>	<i>Role</i>
2020 – present	Luxembourg National SOLar Irradiance CadaSTre Enhancement: the Potential of FaCadE Installations (SOLSTICE)	Abdul Awal Md Nurunnabi	S; Co-App
2020 - present	Improving Simulation and Prediction of flash Flood to develop a decision-making model for flood protection in Luxemburg (SIPFLU)	Mohammed Zare	Co-S; RSS- Hydro
2019 – present	Advanced asymmetry tropospheric products for Meteorology from GNSS and SAR (VAPOUR)	Addisu Hunegnaw	S; Co-App
2015 – 2017	Combined Space-Geodetic Observations and Infrastructure for Improved Geocentric Sea Levels (SGSL)	Addisu Hunegnaw	S
2014 – 2016	A multi-GNSS Real-Time Precise Point Positioning System and its Application in Luxembourg and the Greater Region (POSILUX)	Wenwu Ding	S; Co-App
2012 – 2015	New Geodetic Infrastructure and Reprocessed GPS Solutions for Climate Change, Sea Level and Geodynamics (GSCG)	Addisu Hunegnaw	S

Prior to 2010 (University of Nottingham)

<i>Period</i>	<i>Project Titles</i>	<i>Candidate</i>	<i>Role</i>
2009 – 2010	Specialist Services for GPS II	Etienne Orliac	Co-S

Supervision of PhD Students

Since April 2010 (University of Luxembourg)

<i>Period</i>	<i>Title</i>	<i>Candidate</i>	<i>Role</i>
2020 - present	A Global Vertical Land Movement Data Set from Reprocessed GNSS Solutions and Solution Combinations	Eshetu Nega Erkihune	S
2020 - present	Workflows for the Generation of Building Information Models from Laser Scanning Point Clouds	Peter Marx	Co-S
2019 - present	Improving drought forecasts using enhanced soil moisture estimates	Tessa van Hateren	Co-App
2018 - present	Building Information Modelling for Sustainable and Economic Construction	Arghavan Akbarieh	S
2016 - present	Modern 3D Capturing Technology and Its Applications in the Geosciences and Engineering	Dietmar Backes	S
2014 - 2018	Multi-GNSS Benefits to Long-Term Monitoring Applications in the Geosciences	Kibrom Ebuy Abraha	S
2012 - 2016	GPS estimates of soil moisture in Luxembourg	Sajad Tabibi	Co-App
2011 - 2015	The Potential of Precipitable Water Vapour Measurements from GNSS in Luxembourg	Furqan Ahmed	S
2011 - 2015	Receiver Antenna and Empirical Multipath Correction Models for GNSS Solutions	Dmitry Sidorov	S
2010 - 2013	A Bayesian Monte Carlo Markov Chain Method for the Analysis of Geodetic Coordinate Time Series	German Olivares-Pulido	S

Prior to April 2010 (University of Nottingham)

<i>Period</i>	<i>Title</i>	<i>Candidate</i>	<i>Role</i>
2008 – 2012	Satellite Orbit and Clock Products for Long-Term Monitoring of Land Movements using GNSS	Oday Z Alhamadani	Co-S
2008 – 2013	Persistent Scatterer Interferometry at UK Tide Gauge Sites	Ligia Adamska	Co-S
2007 – 2011	Ambiguity Resolution and Convergence in Precise Point Positioning	Jianghui Geng	Co-S
2005 - 2009	Present-Day Plate Motion and Large-scale Crustal Deformation of Arabia	Bandar Almuslmani	Co-S
2005 - 2010	Establishing Geodetic Control in the Monitoring of Urban Subsidence using InSAR	Jon Leighton	Co-S
2003 - 2010	Assessment of the Impact to Operational Meteorology of GPS Water Vapour and its Integration with other Remote Sensing Instruments	Jonathan Jones	Co-S
2002 - 2009	Development of azimuth dependent tropospheric mapping functions, based on a high resolution mesoscale numerical weather model, for GNSS data processing	Etienne Orliac	Co-S
2001 - 2006	Monitoring Crustal Movements in the UK for Studies of Sea Level Change	Alex I Waugh	Co-S



Supervision of MSc Students

Since April 2010 (University of Luxembourg)

<i>Year</i>	<i>Title</i>	<i>Candidate</i>	<i>Role</i>
Ongoing	Definition of an efficient workflow for the generation of high-resolution 3D building models from airborne geospatial data sets	L S Da Silva Miranda	S
Ongoing	An Evaluation of a Low-Cost GNSS Receiver for Precipitable Water Vapour Studies (Working Title)	S Ali	S
Ongoing	Modelling and Visualization of the Villa Trausch (Working Title)	S Parvaz	S
2020	Reality capture for a digital twin of a historic building: Case Study of the Villa Trausch, Luxembourg	Q Bebon	S

Prior April 2010 (University of Nottingham)

<i>Year</i>	<i>Title</i>	<i>Candidate</i>	<i>Role</i>
2009	Investigations at continuous GPS stations LERW and LWTG on Shetland	J Davison	Co-S
2008	Determination of a Millimeter Level Position Offset in the Coordinate Time Series of Dover CGPS@TG Station	Q Lu	Co-S
2008	GPS Detection of the 27th February 2008 ML = 5.2 Market Rasen earthquake	N Smith	Co-S
2007	The Development and Testing of a Sidereal Filter for GPS Seismology	K Limoyo	Co-S
2007	Detecting seismic displacements with 1Hz GPS data in the U.K.	J Morrison	Co-S
2006	Assessment of Annual and Semi-Annual Signals in Continuous GPS Coordinate Time Series	M Aggelides	Co-S
2006	Design of an Interface for i-GNSS	K El-Moheen	Co-S
2005	Comparison of Atmospheric Data From GPS and Radiosondes for the British Isles	B Suter	Co-S
2004	Assessing the Potential for using CGPS Stations in Scotland for Measuring GIA	R Brindley	Co-S
2004	Principal Component Analysis and Single Spectrum analysis	C Young	Co-S
2004	GPS Meteorology: Trends in Integrated Precipitable Water Vapour	M Williams	Co-S
2004	Quality Assessment of NGA Monitor Station, Hermitage	R Tearle	Co-S
2003	Correlation of height time series for CGPS stations in the UK with models for atmospheric loading and terrestrial hydrological loading	J Al-Kandari	Co-S
2003	Dodging the invisible The recognition and mitigation of RFI in GPS data: A receiver comparison	G Staton	Co-S
2003	Assessment of multipath at North Shields tide gauge continuous GPS station	P Apostolidis	Co-S