

# Environmental Engineering (EE) Research Group



**Dr David Chapman – EE Lead**

Tunnelling, Buried Infrastructure, Soil-Structure Interaction, Geotechnical Engineering

## Academic Team



**Prof John Bridgeman**

Water & Wastewater Quality, Treatment, CFD, Fluorescence Spectroscopy



**Dr Cynthia Carliell-Marquet**

Resource Efficiency, Bioenergy, Nutrient Recovery, Water, Microbiology



**Dr Asaad Faramarzi**

Geomechanics, Poroelasticity, Finite Element Modelling



**Dr Gurmel Ghataora**

Roads, Railway Track Foundations, Ground Improvements, Use of Modified Materials



**Dr Dexter Hunt**

Urban Metabolism, Urban Sustainability, Urban Infrastructure & Underground Space



**Prof Ian Jefferson**

Geohazards, Ground Improvement, Resilience, Underground Space



**Dr Nicole Metje**

Smart Pipes, Buried Infrastructure, Wind Engineering, Tunnelling



**Prof Chris Rogers**

Future Cities, Sustainability & Resilience, Underground Space



**Dr Alexander Royal**

Trenchless Technologies, Engineered Barriers, Soil-water Interaction



**Dr Soroosh Sharifi**

Hydro-environmental systems, Hydro-informatics, Soft Computing

## Postdoctoral Researchers



**Ian Bartle**  
iBuild



**Dan Boddice**  
GG-TOP



**Chris Bouch**  
iBuild



**Elfrida Carstea**  
FluoroBOOST



**Giulio Curioni**  
ATU



**Yuriy Goncharenko**  
GG-TOP



**Unyime John**  
ATU



**Joanne Leach**  
Liveable Cities



**Susan Lee**  
Liveable Cities



**Lewis Makana**  
iBuild



**Robert Macdonald**  
Fluorescence Instrumentation



**Anna Karpinska Portela**  
Activated Sludge Process



**Jimmy Roussel**  
Metal Speciation



**Ali Sadeghioon**  
Smart Pipes, ATU

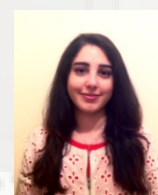


**Yulia Zaharova**  
Fluorescence Instrumentation

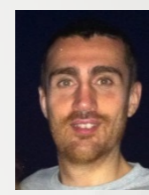
## Research Students



Danial Abdoharimi



Roxana Amini



Davide Dapelo



Chris Shaw



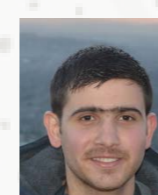
Aryan Hojjati



Valeria de Laurentiis



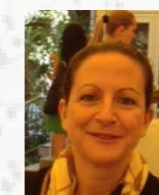
Janvi Shah



Saif Alzabeebee



Martin Locret-Collet



Yolla McCoy



Mehran Eskandari Torbaghan



Marianna Cavada



Alfred Jones Ndiah



Wenxin Zuo



Jason Redgers



Maleaha Samin



Anna Farogy



Omotayo Farai



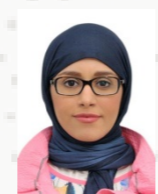
Jack Ho



Atiku Sadiq



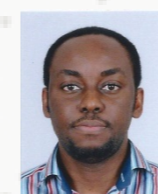
Ramin Akhyani



Nuha Jamal Alzayani



Alexandra Knott



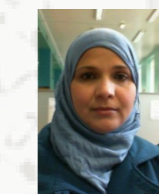
Dianabasi Akpan



Bahram Abbasi



Tom Clinton



Nesreen Al-Obaidy



Laura Pring



Harith Ayoob



Gofetamang Ditalelo



Samir Ashour