Green Finance and Environmental Modelling. (Ref. SoSS-2020-013)

Supervisory team: Prof. Gareth Peters & Dr Dimitris Christopoulos

We invite applications by scholars interested in working at the interface of data science, network science, machine learning and environmental modelling. The project should explore the challenges that sustainable and green finance initiatives present to the financial industry, insurance industry and financial regulators. Sustainable finance may cover a variety of areas including: strategy and policy, corporate social governance, environmental social governance, portfolio and asset management, pricing and product design, insurance and risk management. Candidates are invited to submit a proposal in a cogent area, such as greening finance: ensuring current and future financial risks and opportunities from climate and environmental factors are integrated into mainstream financial decision making; financing green: accelerating finance to support the delivery of carbon targets and clean growth; capturing the opportunity: such as those linked to climate related data and analytics, and new green financial products and services.

Successful candidates should be familiar with programming languages such as R or Python and demonstrate familiarity with at least one of the following areas:

- Graphical networks and network science
- Generalized linear models and regression modelling

For informal enquiries, please contact Prof. Gareth Peters (g.peters@hw.ac.uk) or Dr Dimitris Christopoulos (d.christopoulos@hw.ac.uk)

When submitting your application for this project area, please select the option ‘Management, PhD’ from the drop-down list on the online application system.