The University of Southampton is changing the world for the better, working with industry, governments and research institutions to make a global impact.

We are a world-class research-intensive Russell Group university. Over 96 per cent of our research has been assessed as world-leading and internationally excellent in the Research Excellence Framework (REF) 2014.

Geography and Environmental Science staff are actively involved in researching the major issues affecting our planet, from global environmental change to economic transformation.

We work with industry and governments to address some of the key problems facing the world today, including sustainable development; conservation of biodiversity; resource management; social and health inequalities; and poverty. We also have an excellent reputation for the quality of our teaching, high-calibre research and social impact.

Find out more:
https://wp-winterschool.org/

UNIVERSITY OF
Southampton

INAUGURAL WORLDPOP SCHOOL ON SPATIAL DEMOGRAPHY

4-7 December 2018

world pop

WorldPop (www.Worldpop.Org) is a research and data production program, focussed on spatial demography.

Primarily targeting low and middle income countries, WorldPop develops geospatial methods for integrating census, survey, satellite and other spatial datasets to improve the demographic evidence base. All methods and datasets undergo academic peer review and are published openly. WorldPop produces multi-temporal estimates of population counts, demographics and characteristics for each 100x100m grid square globally, and the datasets are regularly used by governments, UN agencies and many other organizations for planning interventions, measuring impacts and designing strategies.

The **WorldPop School** provides an exciting opportunity to learn about WorldPop's methods and datasets, and get hands-on training in using them. Participants will experience a mixture of Geographic Information System (GIS) based training, lectures, discussions and interactive activities to build their expertise in producing and using geospatial population data. Case study applications will demonstrate the value of gridded demographic data and how it can be processed and used to tackle a variety of health and development issues.

Programme

The aim is to give the participants the skills needed to exploit gridded demographic data for their own research/applications.

The application process for the 2018 winter school is now open and will close on 16th November 2018 or when the maximum number of registrations is reached.

Preliminary Program	Morning	Afternoon
Day 1	Introduction to spatial demography	Trip to Royal Geographical Society WorldPop evening event in London
Day 2	WorldPop geospatial methods for improving the demographic evidence base	WorldPop tools and demographic datasets
Day 3	Applications of gridded demographic data	Working with WorldPop gridded demographic datasets
Day 4	Applying knowledge and skills gained in practical contexts	Presentations and discussions