



## **WORKSHOP**

### **Exploring the Scottish Census**

- Date:** 17 December 2014
- Time:** 10:00 a.m. - 4:15 p.m.
- Venue:** University of Strathclyde, Glasgow:  
Room 811, John Anderson Building
- Speakers:** Cecilia Macintyre, National Records of Scotland  
Lisa O’Kane, National Records of Scotland  
Professor Nick Bailey, University of Glasgow  
Professor Robert E. Wright, University of Strathclyde

#### **Outline**

This course outlines the results from the 2011 Census in Scotland, and demonstrates a number of ways of accessing and using the published resources. The course will focus on the Scottish results published through the Census Data Explorer, and will use a number of case studies to illustrate how the data can be used to answer specific questions. The course will also give an introduction of other resources from UK Censuses including those which are available through the UK Data Service, and will give participants an opportunity to discuss their specific requirements. The approach will be to a mixture of short lectures and practical session using standard software packages, including Excel and R.

#### **Objectives**

At the end of the course participants will be able to:

- Explore the Census 2011 results for Scotland
- Download data extracts into a suitable format for analysis
- Generate appropriate summary statistics and create charts and graphs to illustrate findings
- Choose between a range of dissemination systems
- Find examples of use of census statistics for research and policy

#### **Prerequisites**

Participants should have:

- A familiarity with Excel;
- an understanding of basic data analytical techniques and concepts such as cross tabulations, graphing.
- An interest in using Census statistics for research.

The course is intended primarily for post-graduate students and early-career researchers but others with a keen interest are welcome. It is designed for users of research data with some experience of data analysis, who are comfortable using Excel and who are considering use Census statistics as part of their research. There will be an opportunity for participants to discuss their specific requirements.

SIRE is offering second class travel to academics and PhDs based at an Economics department in a Scottish University. Funding is restricted to travel expenses only. An expenses form should be requested at the time of booking the space.

There is no fee for attending and a sandwich lunch and coffee/tea will be provided. Each participant will need to bring a laptop. In addition, access to the internet through EDUROAM is desirable. **Numbers are limited so if you would like to attend then email Professor Robert E. Wright ASAP at [r.e.wright@strath.ac.uk](mailto:r.e.wright@strath.ac.uk)**

PROGRAMME	
Time	TOPIC
10:00-10:30	Registration and Coffee
10:30 – 10:45	Robert Wright: “ <i>The Value of Census Data</i> ”
10:45 – 11:30	Cecilia Macintyre: “ <i>Overview of Census Products and Key Findings</i> ”
11:30 – 12:15	Lisa O’Kane: “ <i>Practical Exercise 1</i> ”
12:15 – 12:45	Cecilia Macintyre: “ <i>Other Census Product: UK Census, Eurostat Data-base, Origin-destination Tables and Micro-data</i> ”
12:45 – 13:30	Lunch
13:30 – 14:00	Nick Bailey: “ <i>Understanding Urban Segregation and Inequality: the Value of the Census</i> ”
14:30 – 15:30	Lisa O’Kane: “ <i>Practical Exercise 2</i> ”
15:30 – 16:15	Cecilia Macintyre and Robert Wright: “ <i>Wrap-up and Discussion of Participants’ Specific Requirements</i> ”