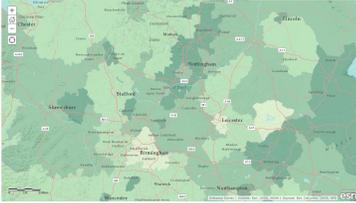


'Put Your Maps to Work': Introduction to ArcGIS (10.3) - 2nd Edition



'Put Your Maps to Work' is back!

Following the success of last year's workshop in Leicester we are running a second edition of 'Put Your Maps to Work', this time based in Nottingham.

The Introduction to ArcGIS(10.3) will be a training event in April – May 2017, comprising four three-hour practical workshops (each with a 30-minute networking break) teaching the use of this key mapping software.

Training will take place at the Sir Clive Granger Building of the University of Nottingham, where the School of Geography is located. The programme is designed to equip students with skills useful for both research and employability. Furthermore, participants will be enabled to network over mapping, to share their experience and profit from professional knowledge exchange. At the end of the training, each attendee will receive a certificate of participation.

Exploring networks and finding connections to link with each other:

What primarily sounds like a guideline to mapping, is also a guideline to modern academic work.

ArcGIS skills have now become essential for many companies and higher education institutions that employ historians, archaeologists, and social/cultural geographers. We think that an introduction into this mapping tool should be more than learning to understand geographic networks and connections. Therefore, this workshop will be open to students from all six universities of the M3C DTP including those that are not M3C-funded and will enable us to network while learning about networks. The introductory course will not only benefit anyone who requires the use of ArcGIS for methodological reasons in their PhD work but also enhance our post-PhD career prospects.

The aim of the event, 'Put Your Maps to Work': Introduction to ArcGIS (10.3)' is to train participants on the theories and practicalities of ArcGIS and teach us how to input geodata (including co-ordinates, shapefiles, etc.), analyse the data, and produce publication quality maps. This course will be divided into four parts:

1. Workshop - **April 26, 2017:**
 - a. Lecture Component: Why GIS Matters
 - b. Practical Component: Getting data into your GIS
 - i. Introduces student to setting up ArcGIS and setting the map parameters as well as adding the pieces of data to create a map of Britain
1. Workshop - **May 3, 2017:**
 - a. Lecture Component: The Power of GIS
 - b. Practical Component: Data Analysis using GIS
 - i. Displaying variables
 - ii. Performing attribute queries and spatial queries
 - iii. Calculating a viewshed
 - iv. Least Cost Path
1. Workshop - **May 10, 2017:**
 - a. Lecture Component: Making Maps Speak
 - b. Practical Component: Producing Maps using GIS
 - i. Selecting your symbols
 - ii. Layout view and labelling your Map
 - iii. Exporting Maps
 - iv. Understanding Projection

Dates and Times

Wednesday 26 April - Wednesday 17 May

Each day consists of two main parts:

14:00-15:15: Lecture Component
15:15-15:45: Tea Break
15:45-17:00: Practical Component

Where

University of Nottingham, School of Geography - Sir Clive Granger Building ([campus map](#))

How can I get involved?

Places are limited so if you want to participate, you will need to book your place through [Eventbrite](#). **Registration will be open between 6 and 15 March.**

We expect a high request, so we recommend early booking.

1. Workshop* - **May 17, 2017**
 - a. Lecture Component: QGIS and Open Software
 - b. Practical Component: Working with your Data
 - i. Setting up QGIS on your computer
 - ii. How to input data into QGIS
 - iii. Your Geodata and Your Maps

*The fourth workshop introduces QGIS as an alternative software which operates similar to ArcGIS. Thus this workshop will describe the program and provide an example of how to use it; any remaining time can either be used by the student using their own geodata sets and attempt to get started creating their first map or continuing to use the existing data set.

Want to know more about ArcGIS?

official website:

<https://www.arcgis.com/features/>

free templates for maps etc.

<http://solutions.arcgis.com/>



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