Call for Expressions of Interest
Information Session
24 August 2016

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Urban Big Data Centre
The Urban Big Data Centre (UBDC) is a research resource promoting the use of innovative methods and complex urban data to address global city challenges.

Our Objectives:

1. Develop novel solutions for using and sharing urban big data
2. Provide high quality training and outreach activities
3. Deliver cutting-edge research
Our services

- Providing **access to our data** including **open** and **other licensed** data
- Facilitating access to **controlled administrative data** (via our third party safe haven partners)
- A **data sourcing** and procurement service
- Offering our expertise to **facilitate the use of your own data**
- **Training** programme

*We do not fund research staff or other resources – we do have limited resources to assist with proposal development, data sourcing and data management*
3 levels of data

- **Open data**: can be placed in the public domain with minimal restrictions on use
- **Safeguarded data**: have licence conditions or other considerations that mean access has to be restricted
- **Controlled data**: could potentially provide information about individuals
Many of our current data fit into the following categories:

- Open datasets
- iMCD Project data
- Geospatial data
- Transport data
- Housing data
- Education data
The UBDC's *Integrated Multimedia City Data* project has gathered a unique and exciting collection of data looking at urban life in Glasgow.

A range of data collection methods including:

- A **household survey** and travel diary
- **Sensor data** collected from individual subjects who wore life-logging and GPS devices
- A **multimedia information retrieval** exercise from online sources
- A further information retrieval exercise looking at **textual data sources online**
- **Satellite data**

An **integrated** and **linked** picture of urban life in Glasgow, attained from multiple perspectives
Geospatial Data: Spatial Urban Indicators

- Small-area estimates of various economic, social, built environment and physical indicators
- Covering 14 built up areas throughout the UK
- Anyone can use these data – current developments exploring issues of labour market outcomes and transport accessibility and availability
Transport data: Strava Metro

- Covering Scotland (13–16) and Tyne and Wear (15-16)
- GIS compatible data with minute-by-minute counts of users at street level and waits at intersections

Strava is a social network for athletes, recording data from its users who upload cycle rides and running activity via smartphone or GPS device.
Housing data: Nestoria and Zoopla

- Zoopla offers full UK current and historical data (to 2010); Nestoria a single year from 3/15-16 for Glasgow area only
- Both cover sales and rental listings
- Daily collections
- Non-commercial use only

House price and rental advertisement details from these property search aggregators
Education data : UCAS

- Dataset comprises aggregated queried data for full- and part-time students
- Coverage from years of entry to Higher Education study for years 2000 to 2015
- Glasgow, Scotland and whole of UK are represented among the data
- Details of the specification are available from our website
End user licensing

- Prospective users of UBDC’s data services will be expected to sign our End User License Agreement, as well as accept the terms of any given dataset.
- Terms vary, e.g., some data sets can be used for commercial research, and others are more restrictive.
- More details are available on request.
Controlled data service

- We work with the electronic Data Research and Innovation Service (eDRIS), to provide researcher access to controlled data.

- Controllers of personal data (which is data that may identify an individual living person, or could do so when combined with other information) may agree to permit others to have access for specific research purposes where there is a public interest case for them to do so.

- We do not acquire such data, but can help approved researchers negotiate access to a secure environment to work with controlled data.
Data sourcing service: About

- UBDC may be able to source and acquire data not already held in our data collections.
- Research projects for which data is needed must be approved by our independent approvals committee.
- Since data sourcing may result in additional costs (UBDC has a limited budget), all data sourcing requests also require approval based on several criteria.
How to Apply to Use UBDC Resources

- Current *Call for Expressions of Interest*
- Eligibility
- Time scales
- The process explained
Call for Expressions of Interest

- We have two *Calls for Expressions of Interest* each year – one is currently live!
- Access to data within our open and safeguarded collections can generally be arranged at any time
- Prospective users of our *Data Sourcing* and *Controlled Data Services* must submit an application by 9th September 2016 to be considered within the current call

http://ubdc.ac.uk/data-services/data-services/call-for-expressions-of-interest/

- Full proposals are evaluated by UBDC’s *Research Approvals Committee* – assessed in terms of quality, potential for impact and the appropriateness of use of UBDC resources
Eligibility – who can submit an interest form?

- Academics in any discipline (including Masters and PhD students)
- Local authorities, government departments and public agencies
- Third sector organisations and businesses
- Citizens with an interest in using data to understand and improve their local communities

Unfortunately we cannot support non-UK researchers, although our open datasets and some safeguarded data can be accessed by anyone, regardless of where they are based.

We are interested in hearing about other opportunities for international collaboration!
Timelines and Deadlines

- **9th September 2016**: Deadline for submission of expressions of interest
- **23rd September 2016**: Guaranteed response date (to arrange access to data and/or advise on whether your proposal is in scope and feasible to proceed to the full proposal stage)
- **18th November 2016**: Full proposal due (applicants will be assigned a named UBDC support contact who will assist with the completion of the proposal)
- **13th January 2017**: Notification of outcome of proposal
Questions?

Contact: Andrew.Mchugh@glasgow.ac.uk

Call for Expressions of Interest: Apply to use our Data Services

If you want to access our novel and innovative urban data, or use our other data services, submit your interest by 9 September, 2016!

http://ubdc.ac.uk/data-services/data-services/call-for-expressions-of-interest/