

## Data Management and Analysis Group

# GIS Team Workplan 2008/09



# **DMAG Briefing 2008-16**

**April 2008**

**GIS Team  
Workplan 2008/09**

For more information please contact:

**Gareth Baker**

Geographic Information Manager  
Data Management and Analysis Group  
Greater London Authority  
City Hall  
The Queen's Walk  
More London  
London  
SE1 2AA

Tel: 020 7983 4965  
[gareth.baker@london.gov.uk](mailto:gareth.baker@london.gov.uk)

Copyright © Greater London Authority, 2008

ISSN 1479-7879



# DMAG GIS Team Workplan 2008/09

## 1. Introduction

This document outlines the 2008/09 work programme for the Geographic Information Systems (GIS) team, part of the GLA's Data Management and Analysis Group (DMAG).

## 2. Role of the Team

The role of the GIS team is to manage and analyse geographic information (GI) relating to London. The service provided by the team can be broadly split into the following:

- Maintaining and developing GIS datasets for the benefit of GIS users
- Supporting corporate GIS systems and databases, and providing strategic guidance on how GIS is used within the organisation
- Providing mapping and analytical support on GLA projects
- Providing expert knowledge in GIS matters and disseminating it appropriately within the organisation

## 3. Staffing

The GIS team currently consists of two full-time permanent posts.

Gareth Baker is the Geographic Information Manager with responsibility for leading work on GI including strategy, the development of data holdings, analysis, dissemination, support and training, and liaison on ICT issues.

The post of Geographic Information Support Officer is held by Michael Jeffrey who joined the team in June 2007. His role is to support the provision of a GIS service by managing and analysing geographical data relevant to London. He also provides advice and expertise on GIS issues to meet the needs of the GLA, FBs, London Boroughs and other clients.

In addition to the two full-time posts, a number of possible options exist to extend and support the current staffing resources of the GIS team, including:

- Potential to take a work placement student from a London university.
- The possibility that some additional resources may be available from the SASPAC Project Officer, Alan Lewis, who has recently completed a GIS Masters degree.
- An element of GIS skills in the LASS team transferred to the GLA from the Government Office for London.

The GLA Technology Group and DMAG also successfully submitted a joint growth bid in 2007/08 for a GIS Engineer post to provide back-end support for the ongoing GIS activities. The post will be based in the Technology Group, although the GI Manager will be involved in both the recruitment process and determining the duties undertaken by the post holder.

## 4. Clients and Stakeholder Liaison

The service provided by the GIS team is widely used throughout the GLA and the main internal clients are:

- Mayor's Office

- Policy and Partnerships – Environment, London Plan, Planning Decisions Unit, Design for London, Housing & Homelessness, Social Exclusion & Health, Olympics & Thames Gateway
- GLA Economics
- Media and Marketing
- Culture and Events
- Finance and Performance – Equalities, Transport, Squares & Business Management, Community Safety
- Assembly and Secretariat – Assembly Members and Scrutiny & Investigation
- Other DMAG teams – LASS, Social Exclusion, Demography, Education, Census and General Statistics

The team also works closely with the following GLA teams to support the provision of corporate GIS systems and the development of new projects:

- Technology Group
- e-Services
- Web Team

The team also liaises with the following external stakeholders:

- London Development Agency
- Transport for London
- London Fire and Emergency Planning Authority
- Metropolitan Police Service/Authority
- Olympic Delivery Authority
- London Connects
- London Boroughs via the London GI Forum

The team has particularly strong links with the LDA for whom it has provided significant support in the last three years due to their lack of dedicated GIS staff. The team also responds to a wide variety of map related requests from the public, contractors to the GLA, voluntary groups, Government organisations and other groups.

The team attends technology events organised by GIS software suppliers, as well as workshops and seminars organised by the following groups:

- Association for Geographic Information
- Inter-Governmental Group on Geographic Information
- MapInfo User Group United Kingdom and Ireland
- London ESRI User Group

This can include giving presentations and in some cases assisting with the organisation of the event. This year the team will take on responsibility from London Connects for running and organising the London GI Forum. This forum is open to officers from any public sector organisations in London with an interest in using GIS in their work. It is intended that three meetings per year will be hosted at City Hall and will operate on a similar basis to other DMAG user groups.

## 5. 2007/08 Highlights

The addition to the team of a full time GIS Officer has enabled it to be involved in a wider range of projects over the past year. Highlights of this work include:

- Leading on a two year programme to improve the GLA's GIS infrastructure, providing applications for the re-launch of the London website and facilitating data sharing across London
- Leading on the large scale procurement of new GIS software to support the GIS programme and managing a proof of concept work package linking the GIS infrastructure to the GLA's new Content Management System
- Procurement of updated aerial photography for use on websites and new flooring for the City Hall Visitor Centre
- Providing mapping and analytical support for a number of high profile GLA events, campaigns and publications, including:
  - production of fold out maps on equalities topics for inclusion in the Mayor's Annual Equalities Report
  - production of maps used in the planning and marketing of the Freewheel cycle event
  - providing extensive technical and analytical support to the Mayor's Office in making a case against Post Office closures in London
  - production of maps of rateable values for businesses along the CrossRail route to assist the Mayor's Office
  - mapping and analysis of Oyster card uptake across London for Transport team
  - providing detailed routes maps for planning the Olympic Torch Relay event in London
  - updating of maps for the final report of the London Child Poverty Commission
  - preparation of flight path maps at Heathrow Airport to assist the Environment team in establishing a case against runway expansion.
  - supply of mapping and analysis to support the marketing team in evaluating success of the GLA and British Gas Insulation campaign
  - production of a bespoke map of London for printing on to table top in 4<sup>th</sup> floor tea point

## 6. 2008/09 Workplan

It is anticipated that 2008/09 will be another busy year for the GIS team with the continuation of the GIS programme and the re-launch of the London website in July 2008. The general nature of the GIS service dictates that a significant proportion of the work is unplanned and involves responding to ad-hoc requests and enquiries.

### 6.1 *GIS Dataset Management*

In terms of managing GIS data, the GIS team will undertake the following:

- Continue to manage and update base mapping GIS datasets, such as Ordnance Survey (OS) data, aerial photography, land use and PointX, on the W network drive
- Work with officers from the Policy and Partnerships directorate to transfer existing business GIS datasets, such as planning boundaries and environmental designations, on to the W network drive
- Maintain up to date metadata for all GLA GIS datasets using the GLA Metadata Standard

- Take responsibility for loading quarterly updates of OS MasterMap data into the corporate Oracle database
- Manage the existing OS Mapping Services Agreement in conjunction with TfL and LDA, and make necessary arrangements for joining a new agreement after the existing contract expires
- Provide LDA staff with access to OS datasets

## 6.2 *Corporate GIS Systems and Strategic Guidance*

The GIS team will continue to manage and implement the GLA GIS Programme in 2008/09. The programme embodies the key strategic objectives and workstreams in relation to the use of GIS within the organisation and combines efforts from DMAG, Technology Group and e-Services. The work for this year will include:

- Maintaining and supporting the new ESRI ArcGIS Server infrastructure
- Enabling GIS and mapping functionality on the new London website in preparation for the re-launch in July 2008, involving:
  - Preparation of bespoke base mapping products including street maps, aerial photos and a hybrid map
  - Managing the development of a Find Your Nearest application and the GIS components of the Wildweb and Parks & Open Spaces applications
- Working towards the development of a GLA Group GIS Strategy as part of the Delivering More Together programme
- Managing the development of a repository for GIS data sharing in London
- Managing a review of the use of 3D geographic information within the GLA

The GIS team will continue to work closely with the Technology Group to support existing systems such as MapLondon and to identify additional projects for which the new GIS infrastructure can be used. The GIS team will also seek to build on the working relationship established with the LASS team to ensure future work is closely aligned.

The GIS team is also likely to provide a significant contribution towards the project to establish a London Observatory.

## 6.3 *Mapping and Analytical Support*

The team will continue to respond to ad hoc enquiries and requests in a timely manner and will also contribute to the longer term projects as required.

## 6.4 *Developing GIS Expertise and Dissemination*

The GIS team will commit to maintaining high levels of expertise in GIS and to keep abreast of new developments and innovations that may impact the GLA. As appropriate the team will:

- Attend GIS industry events such as the AGI Conference, MUGUKI meetings and the ESRI European User Group meeting.
- Organise meetings of the London GI Forum
- Maintain and update the Mapping/GIS pages on the GLA intranet
- Produce a series of general PDF maps to go on the GLA internet site

- Provide GIS training when requested by business units (already done for HHU and LDD teams)
- Organise an internal OS data workshop for users to learn about the various OS products available to them
- Organise internal MapInfo and ESRI user groups to share knowledge and expertise



## Regular Briefings from the GLA Data Management and Analysis Group (DMAG)

### Recent DMAG Briefings 2008:

2008-01	Census Information Note 2008-1	Eileen Howes
2008-02	<a href="#">PayCheck 2007</a>	Lovedeep Vaid
2008-03	<a href="#">GLA 2007 Round Ethnic Group Projections</a>	Baljit Bains
2008-04	<a href="#">Council Tax Analysis</a>	Elizabeth Williams
2008-05	<a href="#">A Profile of Londoners by Country of Birth</a>	Lorna Spence
2008-06	Claimant Count Model 2008: Technical Note	Lorna Spence
2008-07	<a href="#">GLA 2007 Round Demographic Projections</a>	John Hollis
2008-08	<a href="#">Greater London Authority Constituency Profiles</a>	Elizabeth Williams & Caroline Hall
2008-09	<a href="#">Family Resources Survey 2005/06: Results for London</a>	Lovedeep Vaid
2008-10	<a href="#">London Borough Migration 2001-06</a>	John Hollis
2008-11	Social Exclusion Data Team Workplan 2008/09	Social Exclusion Data Team
2008-12	Demography Team Workplan 2008/09	John Hollis
2008-13	Education Team Workplan 2008/09	David Ewens
2008-14	Census Team Workplan 2008/09	Eileen Howes

### Recent DMAG Briefings 2007:

2007-16	<a href="#">Key Facts for Diverse Communities: Ethnicity and Faith</a>	Baljit Bains
2007-17	<a href="#">A profile of Londoners by housing tenure</a>	Lorna Spence
2007-18	<a href="#">Londoners and the Labour Market: key facts</a>	Lorna Spence
2007-19	<a href="#">Benefit Claimants in London 2006</a>	Lovedeep Vaid
2007-20	<a href="#">Worker Registration Scheme</a>	Elizabeth Williams
2007-21	Economic Activity Rates in London	Richard Cameron & Giorgio Finella
2007-22	ONS Model-Based Income Estimates: 2004/05	Lovedeep Vaid
2007-23	<a href="#">Background to DMAG Poverty Profiles</a>	Lovedeep Vaid
2007-24	<a href="#">Counting the Population: GLA Submission to the Treasury Sub-Committee</a>	John Hollis
2007-25	Census Information Note 2007-2	Giorgio Finella

A full list of DMAG Briefings is available to internal customers through the GLA Intranet; otherwise please contact [dmag.info@london.gov.uk](mailto:dmag.info@london.gov.uk) A CD containing PDF versions of the Briefings, or hard copies, can be provided.

## Contact details for the Data Management and Analysis Group

**Rob Lewis (020 7983 4652)** is **Head of the Data Management and Analysis Group**. [rob.lewis@london.gov.uk](mailto:rob.lewis@london.gov.uk)

**John Hollis (020 7983 4604)** is responsible for the work of the **Demography, Education and Social Exclusion Teams**, and particularly for demographic modelling. [john.hollis@london.gov.uk](mailto:john.hollis@london.gov.uk)

**Eileen Howes (020 7983 4657)** is responsible for the work of the **Census, SASPAC and General Statistics Teams** and particularly for census analysis. [eileen.howes@london.gov.uk](mailto:eileen.howes@london.gov.uk)

**Gareth Baker (020 7983 4965)** is the **GIS Manager** with responsibility for leading work on GI including strategy, the development of data holdings, analysis and dissemination. [gareth.baker@london.gov.uk](mailto:gareth.baker@london.gov.uk)

**Steve Forgan (020 7983 4185)** is the **interim London Analyst Support Site (LASS) Manager** and is responsible for data exchange & analysis projects for crime reduction in London. [stephen.forgan@london.gov.uk](mailto:stephen.forgan@london.gov.uk)

**Kelly Rump (020 7983 4655)** is the **Business Coordinator**. [kelly.rump@london.gov.uk](mailto:kelly.rump@london.gov.uk)

---

### GIS Team

**Michael Jeffrey** (020 7983 4654) works in the GIS team and is responsible for the management and analysis of geographical data. [michael.jeffrey@london.gov.uk](mailto:michael.jeffrey@london.gov.uk)

### LASS Team

**Philippa Smedley** (020 7983 4649) works in the LASS Team. [philippa.smedley@london.gov.uk](mailto:philippa.smedley@london.gov.uk)

### Business Support Team

**Richard Walker** (020 7983 4497) is the administrator for DMAG. [richard.walker@london.gov.uk](mailto:richard.walker@london.gov.uk)

---

Please use the above descriptions in deciding whom to contact to assist you with your information needs. For further details of DMAG staff please contact [richard.walker@london.gov.uk](mailto:richard.walker@london.gov.uk)