

Data Management and Analysis Group

GIS Team Workplan 2007/08



DMAG Briefing 2007-15

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**GIS Team
Workplan 2007/08**

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DMAG GIS Team Work Programme 2007/08

1. Introduction

This document outlines the 2007/08 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
- Providing mapping and analytical support on GLA projects
- Supporting existing corporate GIS systems and databases, and the development of new ones
- Providing strategic guidance on how GIS is used within the organisation
- 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 and by providing advice and expertise 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:

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

4. Clients and Stakeholder Liaison

The service provided by 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
- Finance and Performance – Equalities, Transport, Squares & Business Management, Community Safety
- Assembly and Secretariat – Assembly Members and Scrutiny & Investigation

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 two 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 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
- Technology events organised by GIS software suppliers

This includes giving presentations and in some cases assisting with the organisation of the event.

5. Work Programme

It is anticipated that 2007/08 will be an extremely busy year for the GIS team with increasing demands placed upon it due to a number of major initiatives within the GLA including the Mayor's Convergence Agenda and the merger of the Your London website with the GLA website.

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.

5.1 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 and aerial photography, on the W network drive
- 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 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 expiration of the existing contract
- Provide LDA staff with access to OS datasets
- Investigate the procurement of points of interest (POI) data to be used on the Your London website
- Investigate the procurement of updated aerial photography

5.2 *Corporate GIS Systems and Strategic Guidance*

The GIS team will be responsible for producing and implementing a corporate GIS Strategy for the GLA.

The GIS team will continue to work closely with the Technology Group and e-Services team to support existing systems and to develop new work, including:

- Maintain and update the GIS datasets on MapLondon intranet system
- Provide GIS expertise and advice for Wildweb, LDD, Recycle for London and LASS websites

The GIS Manager will also manage the e-Services GIS Programme to deliver the following new systems over a two year period:

- Set up GLA Group GIS policy forum and operations team (Summer 2007)
- Upgrade GLA Spatial Data Infrastructure including procurement of new GIS server software (October 2007)
- Implement GIS functionality on the new Your London website (March 2008)
- Implement a pan-London GIS data sharing website (March 2008)
- Implement a 3D GIS service for the GLA and Design for London (March 2008)

The GIS team will also identify additional projects for which the new GIS infrastructure can be used, potentially to include:

- London Plan Online
- GLA Travel to Work buddy system
- London Wildweb next phase
- London Analyst Support Site

5.3 *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 following longer term projects:

- Mayor's Annual Equalities Report (Mayor's Office)
- Update to the London Playing Fields Assembly Report (Assembly Scrutiny)
- Produce a series of maps for the Assembly Report into travel to sports stadia (Assembly Scrutiny)
- Water consumption rates in London (Environment)
- Flood Deprivation analysis (Environment)
- Urban Heat Island Land Characterisation Study (Environment)
- Economics of Land Supply (HHU & GLA Economics)
- Health determinants and Well-London projects (London Health Commission)

Additional projects will be added to this list as they are identified.

5.4 *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.

- Attend AGI Conference in September 2007
- Attend 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 a lunchtime seminar on MapLondon to encourage increased use of the system

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

Recent DMAG Briefings:

2007-01	DCLG 2003-based Projections of Households for Greater London	John Hollis
2007-02	Claimant Count Model 2007: Technical Note	Lorna Spence/Caroline Hall
2007-03	Commuting in London	Gareth Piggott
2007-04	Who Benefits?	Lovedeep Vaid/PSU Health
2007-05	Disabled People and the Labour Market in London	Lorna Spence
2007-06	Demography Team Workplan 2007/08	Demography Team
2007-07	Education Team Workplan 2007/08	Education Team
2007-08	Social Exclusion Data Team Workplan 2007/08	Social Exclusion Data Team
2007-09	Child Poverty in London: 2007 Update	Lorna Spence / Lovedeep Vaid
2007-10	Summary of Social Trends 2007	Elizabeth Williams
2007-11	Census Information Note 2007-1	Eileen Howes
2007-12	GLA 2006 Round Ward Population Projections	Caroline Hall/John Hollis
2007-13	Borough and sub-regional demographic profiles 2007	Caroline Hall

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

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