

Name: Andrew Harrison

Current Position: Director
Landinform Limited

Key Skills: Data Resource Management
Data Architecture and Database Design
Technical Programme Management
Address Data Management and Standards
Data Analytics and Statistics
Digital Data Strategies and Data Governance
Land Management Policy and Practice
Land and Property Information Systems



Profile

Andrew is an information management and GIS professional with over 25 years research and consultancy experience specialising in data analytics, data resource management and geographical information science. His current work spans a broad range of activities, from analytical work to assess data quality for guiding data improvements, technical projects for data architecture and design in support of database implementation, to high-level business engagements working with and advising senior level executives and management teams on data strategy, master data management and data governance.

Working in an independent capacity since 1999 he has advised and provided information and project management services to more than 20 government and private sector clients across diverse applications from environment management and planning to land and property, buildings, people and energy. This wealth of experience allows him to offer an extensive range of technical, analytical and strategic business information skills giving exceptional breadth and depth to his work. As an information scientist, his approach is informed by previous research appointments where he held principal investigator positions on several major international and national Earth observation and GIS programmes.

Andrew is well known for his work on national databases of land and property and as a subject matter expert on addressing and address data. Working for central government he advised on national projects for land use and brownfield land (1998-2006) and conducted independent reviews of address data and standards in 2002 and 2006. Since 2003 he has provided information management services to the Scottish Assessors to deliver an Internet Portal for national land and property data. This work is ongoing. More recently he has worked on the development of national address databases for the 2011 Census and the DECC National Energy Efficiency Data Framework and as land and property data architect on the Data Improvement and Digital Transformation programmes at Registers of Scotland.

Andrew has conducted numerous reviews and data quality assessments of government statistics, data series, systems and standards. He is an experienced technical programme manager with significant experience of delivering large scale database, data management and mapping projects. He has recent experience of data architect and business analyst roles working in agile development teams (Scrum/Kanban).

Andrew has strong communication and inter-personal skills enabling him to lead projects, run effective meetings, provide coaching and mentoring and build and coordinate project teams. He is an experienced conference and workshop presenter and facilitator.

Professional Experience

1999 to present Director and Principal, Landinform Limited

Founder and Managing Director of private consulting company created in July 1999 to provide independent expert advice and information management services to public and private sector clients in the geographic information industry.

Achievements

Land and property data architect on the Data Improvement and Data Transformation programmes at Registers of Scotland (RoS). Established master address database underpinning the Land Register and worked with senior management team on developing a business-wide data strategy.

Leading on information management and delivering programme management services for building and operating the Scottish Assessors Portal providing web-based access to Scottish valuation roll and council tax data. Data architect for Portal database and back office processes and data standards. Portal was awarded 'Best in Scotland' and 'Excellence in IT' in IRRV Performance Awards 2007.

Senior consultant in team engaged to develop the Department of Energy and Climate Change (DECC) National Energy Efficiency Data Framework (NEED). Provided technical advice and quality assurance on national address data matching and statistical modelling of the national NEED data set.

Lead consultant providing address data and information management services to Office of National Statistics (ONS) in support of National Addresses Register development for 2011 Census. Provided supporting analysis and quality assurance for development of address data matching system and delivered national programme of data improvement workshops with local authorities.

Expert advisor to local government technical advisory group on addressing and lead consultant on Land Registry-led independent review of National Land and Property Gazetteer (ACACIA Project) supporting UK government proposal for National Spatial Address Infrastructure.

Land use adviser to Office of Deputy Prime Minister's Planning and Land Use Division (1998 - 2006). Advising on local authority data collection strategy, land use classification standards and national pilot project for creation of the National Land Use Database (NLUD).

Senior consultant in team engaged by Valuation Office Agency (VOA) to develop Valuebill schema. Led development and testing of procedures to link VOA and local Billing Authority data.

Expert advisor to Welsh Assembly Government for development land management and monitoring.

Numerous technical reviews and data evaluations including: best practice in land and property management for KPMG Bahrain (with ConsultingWhere), energy efficiency data sources for Foresight data observatory (Department of Business Innovation & Skills), green spaces data sources (DCLG), current and historical land use data sources (National Site History Register), data sources for residential property valuation (Landmark Information Group), evaluation of OS MasterMap Address Layer feature classification (OS) and novel approaches to topographic feature classification (OS).

Ordnance Survey Accredited Consultant

Chair of AGI Address Geography Special Interest Group.

1984 - 2000 Lecturer, School of Geographical Sciences, University of Bristol

Developed undergraduate and postgraduate courses in GIS, remote sensing, multivariate statistics and global environmental change. Established and led successful research teams working on land use change and novel remote sensing techniques for monitoring semi-arid environments.

