

Philip Knight CV

Tel: +856 20 5294 8853
Email: philipknight@gmail.com
Web: <http://philipknight.xyz>
Skype: philipknight1

Key Skills

Information Management, Process Modelling, Geospatial Systems Development, Geospatial Analysis, Research, Report Writing, Case Study Development.

Summary

A specialist in spatial information systems with a background in management and surveying and experience of working in international development.

Professional Experience

Freelance Geospatial Information Management Specialist

Nov. 2016 – Present

In November 2016 I relocated with my family to Vientiane, Laos PDR. To date I have developed the following freelance opportunities in the Development and environment sectors:

- The Food and Agriculture Organization of the United Nations: in February 2017 I was appointed as a GIS Consultant providing support to the Climate Adaptation in Wetlands Areas (CAWA) in Lao PDR project. I provided advice on applicable global and local data sources, developed data collection methodologies and developed a spatial database for the project.
- Natural Heritage Institute: GIS Analyst, Sekong River Basin Multi Criteria Assessment. I carried out a GIS analysis to combine a number of datasets to create an index of endemism in the Sekong river basin as part of an assessment of hydropower options.
- International Finance Corporation: GIS Analyst, Sustainable Hydropower Assessment Myanmar. I carried out a multi criteria assessment to score every stretch of river in Myanmar for ecological sensitivity and anthropogenic pressures.

Senior Consultant, ConsultingWhere Ltd.

Nov. 2013 – Oct. 2016

I provided advice to a range of global, national and local clients to improve geospatial data management processes and implement best practice. This involved in depth consultation, desk based research and writing strategy and policy documents. I was also been closely involved in a several cost benefit and economic value studies of national level spatial data initiatives.

Projects I led:

- Action Against Hunger UK: comprehensive desk review and structured stakeholder interviews to map the information flows through the Global Nutrition Cluster to inform the development of an Information Management Toolkit. Also developed GIS guidance for national level Information Management Officers.
- Ordnance Survey: researched and authored white paper on the role of location data in the integration of health and social care in the UK.
- UNICEF Somalia, contracted under Mannion Daniels: feasibility study and action plan for incorporating spatial data into the nascent Somali Health Management Information System.
- Jisc: developed detailed specification for retendering of UK academic sector's geospatial data portal.
- South Downs National Park Authority: geo-coded the results of an audit of the cultural heritage assets and presented the results as high quality cartographic map products.

- West Dorset and Weymouth and Portland Partnership: carried out a strategic review of all GIS and related activities within the newly combined local authority, deliverables included strategy document and action plan for a future unified GIS.

Projects I contributed to:

- GeoPlace: carried out analysis, research, interviews and workshops for a comprehensive cost benefit analysis of the UK's national address database (National Land and Property Gazetteer) within UK Local Government.
- National Center for Statistics and Information (Oman): series of structured stakeholder interviews to estimate the benefit of a proposed National Address Database to the economy of Oman.
- Eurogeographics: researched potential applications of new European mapping product and estimated economic value of data across a number of sectors.
- Land Information New Zealand: collated and evaluated case studies of successful Open Data applications in New Zealand.
- New South Wales Office of Environment and Heritage: Spatial Strategy: collated and summarised the spatial strategies of international exemplar agencies for benchmarking.
- Multinational Software Provider: assessment of the maturity of the spatial data infrastructures of multiple countries with emphasis on Kenya, India, South Korea and Malaysia.
- Land Information New Zealand: produced and presented a report on the use of open geospatial web services for interoperability.
- Natural Resources Canada: geospatial market research in Asia, Africa and South America

Head of Operations, International Medical Group

2010 – 2012

In 2010 I moved to Kampala, Uganda to work with the International Medical Group (IMG). Initially I assisted the CEO with developing business plans for joint ventures and in negotiations for a private equity deal. I rapidly accumulated responsibility and was promoted onto the board of management with responsibility for the operations department. During this time I also developed expertise in project management working on a number of strategically important projects to implement new systems, install new equipment and construct new facilities.

Technical Surveyor, BNP Paribas Real Estate

2005 – 2010

My role with BNP Paribas Real Estate (BNPPRE) was my first significant professional assignment. During my time with BNPPRE I completed a distance learning diploma in surveying and promoted to the role of Technical Surveyor where I was part of the account management team for one of the firm's key clients.

Qualifications

- MSc, Applied Geographic Information Systems, University of the West of England
 - Awarded Distinction
 - Received the Dean's Award for Academic Excellence
 - Thesis resulted in co-author credit in two academic publications (PLOS Medicine, Malaria Journal)
- Diploma, Surveying Practice, College of Estate Management
- BSc, Marine Biology, University of Wales Swansea
- Summer School: Open Web Services and Web Map Applications, University of Girona