

Lionel Slade BSc MSc IEng MBCS CITP

Independent Consultant

Tel: 07739 250 829 / 01443 228957

E-mail: lionel.slade@geobureau.co.uk

Home Address: 8 Sycamore Close, Miskin, Pontyclun, CF72 8ST

CAREER PROFILE

Throughout my career I have specialised in solution architecture by translating strategic intent into actionable outcomes. This involves the gannet of skills including: people management, bid management, software consultancy and product development. My skills provide vast experience across this range of activities and have resulted in a large portfolio of successful IT projects. Over the past 20 years I have a proven record of accomplishment, successfully managing stakeholder expectation and delivering enterprise IT solutions and web-based software applications. I have focused my career on the development of geo-spatially enabled decision support systems, utilising the .net framework and the ESRI suite of products.

The few projects I have undertaken have been transformational projects for the organisations. Lancaster had no software development team in place, I introduced Agile and TFS while building and knowledge transferring a small development which could continue and extend the prototype systems I built. For Woodgroup over the 5-years years I was in a rolling contract; during which time I developed two scrum teams (1 scrum master with 3 dev's and tester), working on three major projects. The projects were delivered as these products have been, sold to clients like BP, Petrofac, and others. For Microsoft I implemented an onsite version of TFS and a small data transformation project to populate the Work items with data from an excel spreadsheet along with a knowledge transfer to the team about using the Agile mythology. For Towah I developed a team of 1 SA, 3 developers and offsite testing in China.

I have worked in many industrial areas, including: Oil & Gas, Local Government, Central Government, Defence, Environmental, Finance, CRM and Retail

In the past my career has often focused on delivering at the technical level. But, I am looking to adjust that direction and I am currently looking for a role that is hands-off, where, I lead product development and transformation through coaching Agile teams, delivering work packages as a Product Owner and Programme Manager.

KEY SKILLS

- General business acumen from being an independent consultant for over 12 years which includes: business plan writing, road mapping, high level design, ROI investigation, tendering, project planning, managing contracts, grant applications, dealing with IPR issues, budgeting and building multi-disciplined teams.
- Almost 20 year's technical experience developing applications for the Microsoft platform with a concentration on utilising the Cloud and the ArcGIS suite of products.
- Ability to identify and deal with a client's needs and priorities by translating them into appropriate technical solutions.
- Experienced in providing motivation, guidance, mentoring and an up to date consultancy service to both clients and colleagues
- A multi-skilled solutions architect with good all-round ability to manage multiple projects and meet deadlines whilst at the same time comprehending complex and interdependent business processes.
- Product Owner workshops, business requirements gathering and building prototypes for clients to understand the proposed solution. Business Sales Presentations.
- Understanding of the issues involved to create a new product identity, how to turn a concept into a marketable product and then take it to market.
- Current National Security Vetting Clearance – Held by SciSys, Chippenham (Valid from Apr 2015).
- Life cycle project experience - qualified Prince2 Practitioner
- Scrum Master and Agile development with Team Foundation Server
- High degree of technical ability; TFS/ALM, > 8 years, Angular 2 > 2 years, Typescript > 2 years, Dojo > 2 years, ESRI JavaScript API > 2 years, Azure Cloud > 3 years, Azure SQL > 3 years, SOA/API Solutions > 6 years, Safe Software ETL/FME > 6 years, C#.Net > 15 years, VB.Net, AJAX, WCF, ASP.net > 17 years, VB6 > 17 years, MS-SQL > 17 yrs., Oracle 9/10 > 17 yrs., T-SQL, PL/SQL > 17 years, ArcSDE > 17 years, ArcObjects > 18 years, ArcAvenue > 19 years

QUALIFICATIONS & EMPLOYMENT

2008 – Pres	Independent Consultant, Lionel Slade Consultancy Ltd
2005 – 2008	GIS Consultant, Geo-Bureau Ltd
2003 - 2005	F/T (2yrs) & P/T (1yr) PhD . Computing Science, University of Glamorgan (Incomplete: study suspended 2008)
2000 – 2003	Corporate GIS Manager, Neath Port Talbot CBC
2000 - 2003	MSc. GIS (Part Time), University of Glamorgan
1997 - 2000	GIS Developer / Analyst, Neath Port Talbot CBC
1996 - 1999	BSc. Civil Engineering (Part Time), University of Glamorgan

PROFESSIONAL MEMBERSHIPS

- Member of the British Computing Society (**MBCS**)
- Chartered Information Technology Professional (**CITP**)
- Registered as an Incorporated Engineer (**IEng.**) with the Engineering Council for Great Britain
- Member of International Association of Solution Architects (**IASA**)

RELEVANT CONSULTANCY

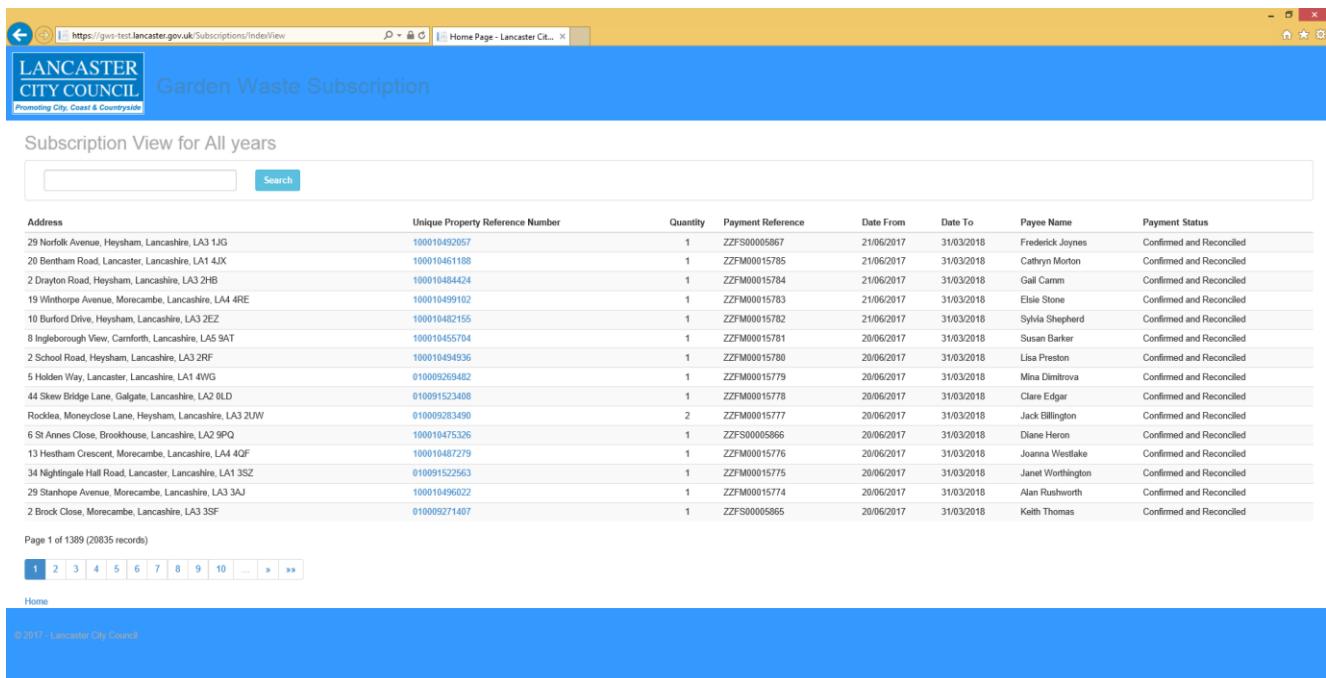
Employer: Lancaster City Council, Lancaster, October 2016 – July 2017

Project Name: Green Waste Subscription

Role: Solution Architect

Implementation: Requirements capture, prototype development. Designed and built a tool that captured subscription details for citizens who want to subscribe to the councils Green Waste Collection System. Integrated with Capita Payment response for reconciliation. MVC Management system. Route Optimisation using ArcGIS, GIS front-end (Android) for In-cab. Road mapping product development. Kanban PM, team mentoring and implementation of TFS. Rolled-out ESRI Portal 10.5.

Skills used: Agile Project Management, Team Foundation Server (ALM), Azure Cloud Computing, Azure SQL, Visual Studio 2010, .Net 4, MVC, WCF, Xamarin, Angular2, HTML5, Unity, Entity Framework, TDD, SQL Server 2016, ESRI On-line, ESRI Java API, Python



The screenshot shows a web browser window with the URL <http://gws-test.lancaster.gov.uk/Subscriptions/Index/View>. The page title is "Garden Waste Subscription". The content area displays a table of subscription data with the following columns: Address, Unique Property Reference Number, Quantity, Payment Reference, Date From, Date To, Payee Name, and Payment Status. The table lists 20835 records. At the bottom, there is a navigation bar with page numbers (1-10, ..., 20835, >>) and a "Home" link.

Address	Unique Property Reference Number	Quantity	Payment Reference	Date From	Date To	Payee Name	Payment Status
29 Norfolk Avenue, Heysham, Lancashire, LA3 1JG	100010492057	1	ZZFS00005867	21/06/2017	31/03/2018	Frederick Joynes	Confirmed and Reconciled
20 Bentham Road, Lancaster, Lancashire, LA1 4JX	100010461188	1	ZZFM00015785	21/06/2017	31/03/2018	Cathryn Morton	Confirmed and Reconciled
2 Drayton Road, Heysham, Lancashire, LA3 2HB	100010484424	1	ZZFM00015784	21/06/2017	31/03/2018	Gail Camm	Confirmed and Reconciled
19 Minthorpe Avenue, Morecambe, Lancashire, LA4 4RE	100010499102	1	ZZFM00015783	21/06/2017	31/03/2018	Elsie Stone	Confirmed and Reconciled
10 Burford Drive, Heysham, Lancashire, LA3 2EZ	100010462155	1	ZZFM00015782	21/06/2017	31/03/2018	Sylvia Shepherd	Confirmed and Reconciled
8 Ingleborough View, Camford, Lancashire, LA5 9AT	100010455704	1	ZZFM00015781	20/06/2017	31/03/2018	Susan Barker	Confirmed and Reconciled
2 School Road, Heysham, Lancashire, LA3 2RF	100010494536	1	ZZFM00015780	20/06/2017	31/03/2018	Lisa Preston	Confirmed and Reconciled
5 Holden Way, Lancaster, Lancashire, LA1 4WG	010009269482	1	ZZFM00015779	20/06/2017	31/03/2018	Mina Dimitrova	Confirmed and Reconciled
44 Skew Bridge Lane, Galgate, Lancashire, LA2 0LD	010091523408	1	ZZFM00015778	20/06/2017	31/03/2018	Clare Edgar	Confirmed and Reconciled
Rocklea, Moneyclose Lane, Heysham, Lancashire, LA3 2UW	010090283490	2	ZZFM00015777	20/06/2017	31/03/2018	Jack Billington	Confirmed and Reconciled
6 St Annes Close, Brookhouse, Lancashire, LA2 9PQ	100010475326	1	ZZFS00005866	20/06/2017	31/03/2018	Diane Heron	Confirmed and Reconciled
13 Hestham Crescent, Morecambe, Lancashire, LA4 4QF	100010487279	1	ZZFM00015776	20/06/2017	31/03/2018	Joanna Westlake	Confirmed and Reconciled
34 Nightingale Hall Road, Lancaster, Lancashire, LA1 3SZ	010091522963	1	ZZFM00015775	20/06/2017	31/03/2018	Janet Worthington	Confirmed and Reconciled
29 Stanhope Avenue, Morecambe, Lancashire, LA3 3AJ	100010496022	1	ZZFM00015774	20/06/2017	31/03/2018	Alan Rushworth	Confirmed and Reconciled
2 Brock Close, Morecambe, Lancashire, LA3 3SF	010009271407	1	ZZFS00005865	20/06/2017	31/03/2018	Keith Thomas	Confirmed and Reconciled

Lancaster City Council – Garden Waste Subscription

http://sqlreports01.lancaster.gov.uk/ReportServer/Pages/ReportViewer.aspx?/Environment/HierarchicalSubscriptionRe...

UPRN: 100010492057 Cost Period: 2016

1 of 1 100% Find | Next

LANCASTER CITY COUNCIL
Promoting City, Coast & Countryside

Environmental Services

Hierarchical Subscription Report UPRN: 100010492057 Period: 2016

UPRN	ADDRESS
100010492057	29 Norfolk Avenue, Heysham, Lancashire, LA3 1JG

Subscriptions

UPRN	Quantity	From Date	To Date	Account Balance	Sub Pack Sent	Sub Pack Sent By	Sub Pack Sent Date
100010492057	1	21/06/2017 10:30:18	31/03/2018 12:00:00	37.50	False		
	1			37.50			
Total	1			37.50			

Consolidation Data

UPRN	Remittance Reference	Amount	Transaction Time	Original Ref	Method Of Payment	Card Holder Name	CH Ad1	CH Ad2	CH Ad3	CH Ad4	Postcode	CH UPRN
100010492057	ZZFS00005867	37.50	21/06/2017 10:28:29	93		Mr F	29	NORFOLK AVENUE	MORECAMBE		LA3 1JG	100010492057
		37.50										
Total		37.50										

Refunds

UPRN	Transaction Time	Amount	Original Ref	Refunded Ref	UPRN
Total					

Payments

UPRN	Quantity	Amount	Payee Name	Transaction Time	Remittance Reference	Email Address
100010492057	1	37.50	F	21/06/2017 10:30:18	ZZFS00005867	
	1	37.50				
Total	1	37.50				

SSIS Report - Lancaster City Council – Garden Waste Subscription Report

https://gws-test.lancaster.gov.uk/Statistics/Statistics

LANCASTER CITY COUNCIL Promoting City, Coast & Countryside

Garden Waste Subscription

Statistics for All years

Overall Statistics

Start Date: 03/11/2016 14:03:05		End Date: 21/06/2017 10:30:18		Number of Days: 230			
Total numbers of	Finances	UPRN records	Packs	Payments			
Bins: 22939	Estimated Income: £701,077.50	Number of UPRNs: 20799	Packs Sent Out: 66	Online: 15430			
Payments: 22632	Consolidated Income: £701,227.50	No UPRN records: 491	Unsent Packs: 20769	Via customer service: 5716			
Subscribers: 20835	Refunded amount: £3,735.00	Resolved no UPRNs: 169					
Refunds: 92		Unresolved UPRN records: 322					
		Average Bins per UPRN: 1.103					

Daily Statistics

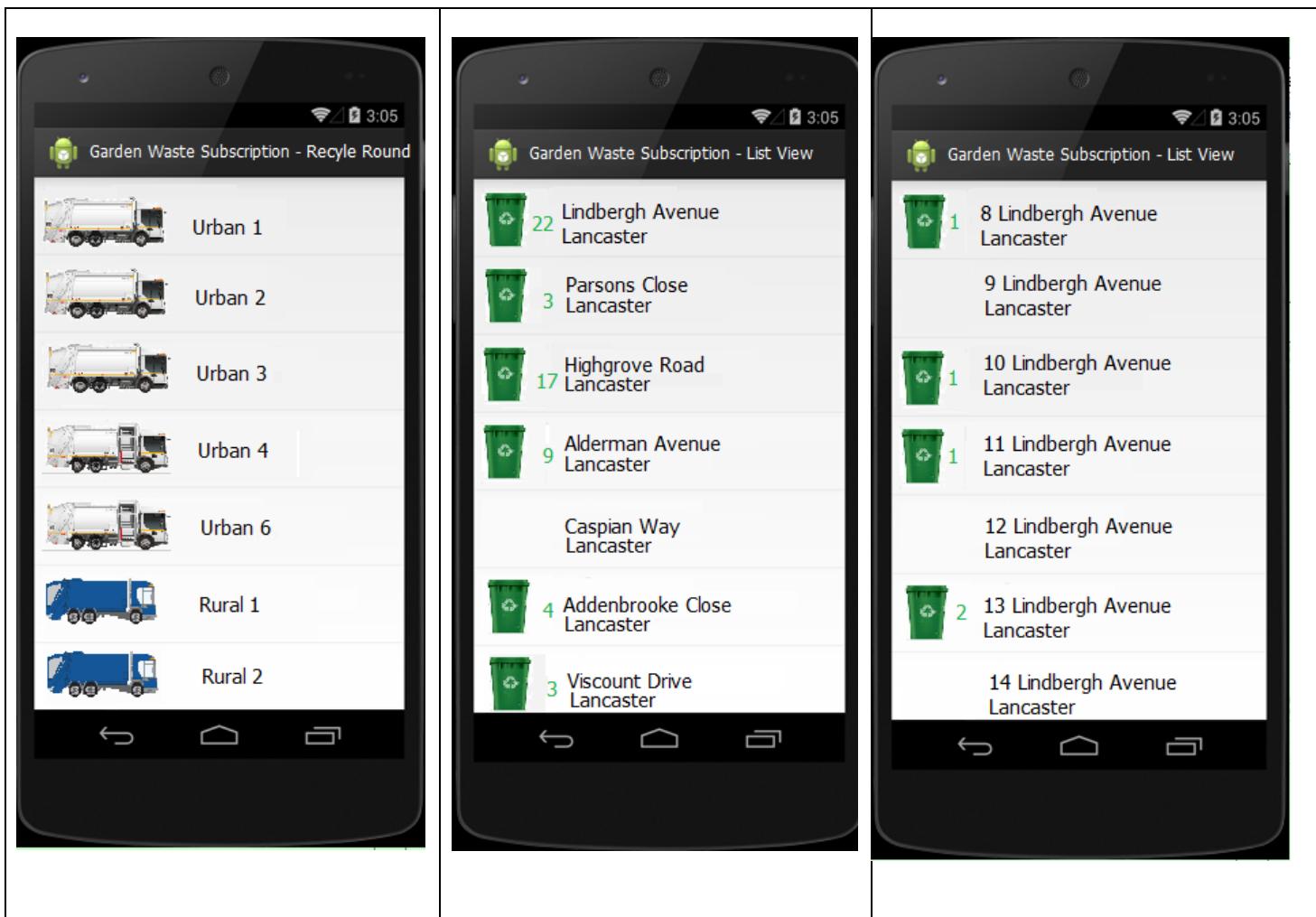
Date	Successful Payments	Failed Payments	Total Payments	Total Subscriptions	Total Bin Subscriptions	Estimated Income	Consolidated Payments	Refunded Payments	No. of Refunds	No UPRNs	Resolved UPRNs	Packs Sent Out	Packs Sent Out By
21/06/2017	5	2	7	5	5	£187.50	£187.50	£0.00	0	0	0	0	0
20/06/2017	29	2	31	27	28	£1,125.00	£1,125.00	£0.00	0	0	0	0	0
19/06/2017	45	3	48	42	43	£1,725.00	£1,725.00	£0.00	0	0	0	0	0
18/06/2017	12	2	14	12	13	£450.00	£450.00	£0.00	0	0	0	0	0
17/06/2017	12	1	13	11	11	£450.00	£450.00	£0.00	0	0	0	0	0
16/06/2017	17	0	18	17	19	£675.00	£675.00	£37.50	1	0	0	0	0
15/06/2017	28	0	20	20	20	£750.00	£750.00	£0.00	0	0	0	0	0
14/06/2017	22	1	23	16	16	£825.00	£825.00	£0.00	0	0	0	0	0
13/06/2017	15	3	18	13	13	£562.50	£562.50	£0.00	0	0	161	0	0
12/06/2017	27	0	27	24	24	£1,012.50	£1,012.50	£0.00	0	0	0	0	0
11/06/2017	9	0	9	9	10	£375.00	£375.00	£0.00	0	0	0	0	0
10/06/2017	8	0	8	8	8	£300.00	£300.00	£0.00	0	0	0	0	0
09/06/2017	13	0	13	13	14	£525.00	£525.00	£0.00	0	0	0	0	0
08/06/2017	10	1	11	10	11	£412.50	£412.50	£0.00	0	0	0	0	0
07/06/2017	17	1	18	17	17	£637.50	£637.50	£0.00	0	0	0	0	0

Page 1 of 16 (231 rows)

Lancaster City Council – Garden Waste Subscription - Statistics



Lancaster City Council – Garden Waste Subscription – In-Cab View



Lancaster City Council – Garden Waste Subscription – Mobile View

Employer: Microsoft, Reading, April 2016 – July 2016, 30 days Consultancy

Project Name: Oxygenic, Ministry of Defence

Role: Solution Architect

Implementation: Requirement & Customisation Workshops, Define TFS Architecture, Deployment & Product Backlog & testing definition. Data conversion of System Requirements and test cases from Word & Excel to into TFS Work items.

Skills used: Agile Project Management, Team Foundation Server (ALM), Requirements Capture, C# console application, SQL Server 2012

Employer: Wood Group, Staines-Upon-Thames, London, May 2011 – July 2016 (+5-Years)

Project Name: Projects undertaken; Nexus GIS, IMap, DocPro and other minor projects

Role: Solution Architect / Project Management / Scrum Master

Implementation: During my time here I was responsible for the shift any from waterfall implementation and the adoption of Agile processes using Team Foundation Server. I have setup a full Hyper V TFS development environment and grown the team from 2 to over 10 software professionals and 8 GIS Analysts, although team has now reduced in reaction to the low oil price. We are currently converting the stable Silverlight GIS product into HTML5 using: Angular 2, Type Script, Dojo and the ESRI JavaScript API frameworks.

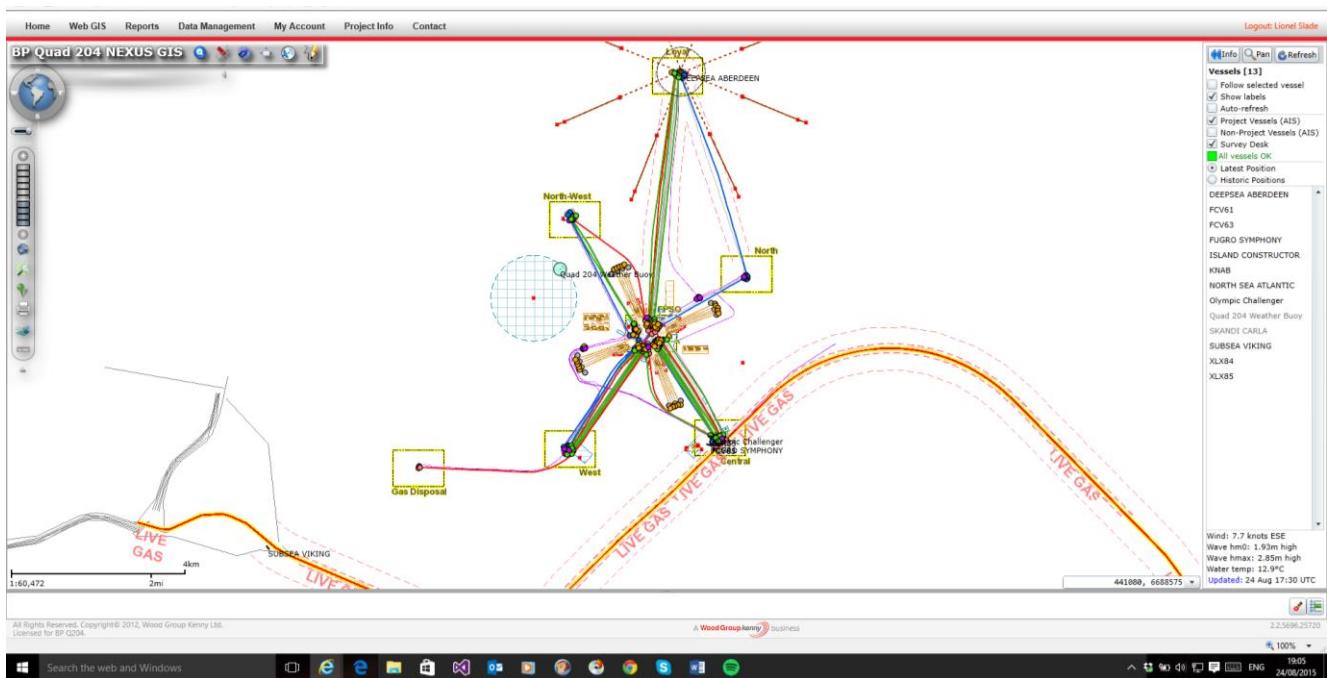
Nexus Web Geographic Information System

PODS, is as acronym for Pipeline Open Database System, it is the industry standard database model for gas and oil pipeline design and construction. The PODS model schema has over 700 tables for data capture. For this project, my team & I have designed and implemented a full suite of data management tools and ETL software. A Web Portal presents data to the end user. The product uses an extensible modular pattern following the Service Orientated Architecture (SOA) pattern. The product is easily configurable and quick to set-up for new projects as they come on-stream.

The project was broken down into the following separation of concerns for the client:

- Vessel (or vehicle) tracking
- Valve Management and property tracking
- Construction Item searching
- Construction Progress
- ETL Management (ArcObjects Application)
- Offline management (ESRI Add-in)
- Alignment sheet outputting (ESRI Add-in)
- Schematic Data viewing
- Online sketch drawing
- 3d ROV tracking

Online link: <https://sd2-pods-gis.woodgroup.com/NexusGIS/v2.3/Main/Portal/SD2/>



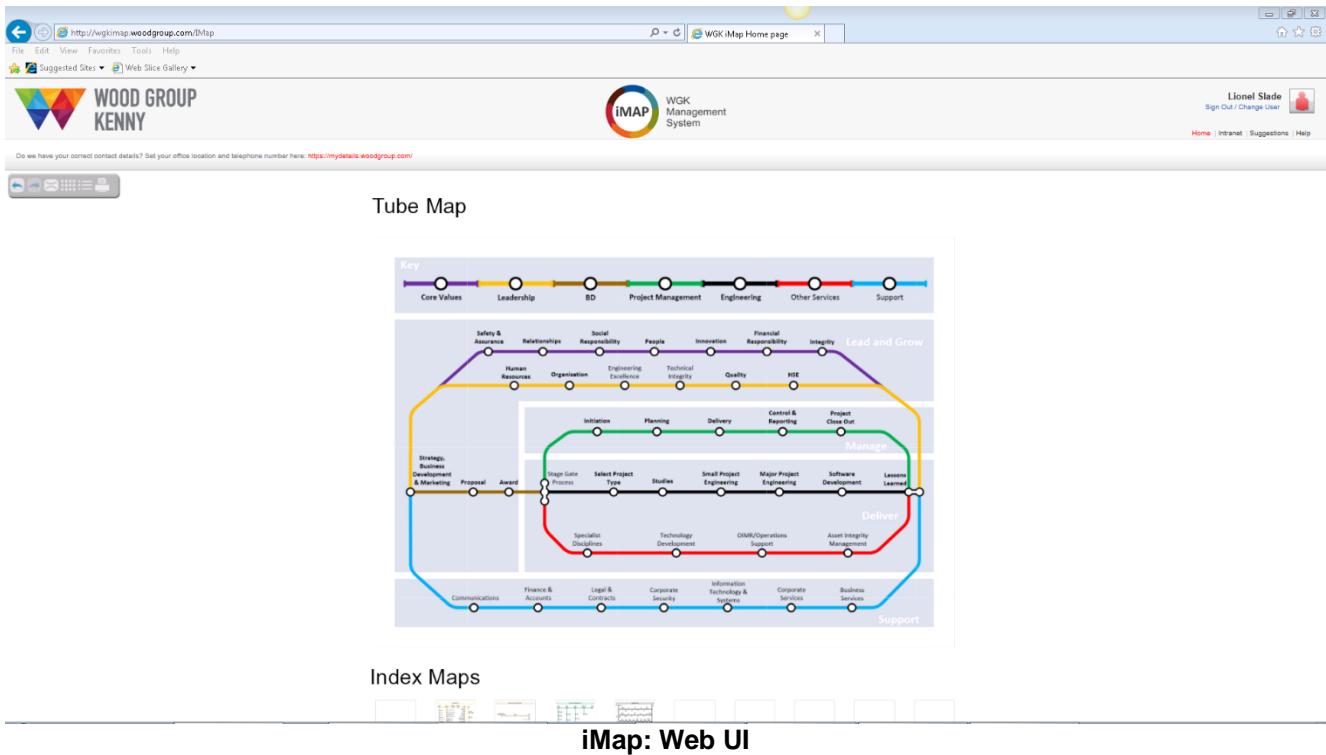
Nexus GIS: WebGIS User Interface

CODE	ANODE TYPE CL CODE	DESCRIPTION	NAME	ACTIVE INDICATOR LF	SOURCE GCL
5-16-120A	BRACELET	5-16-120A TAPER ENDED ANODE	5-16-120A TAPER ENDED ANODE	Y	
5-16-38B	BRACELET	5-16-38B TAPER ENDED ANODE	5-16-38B TAPER ENDED ANODE	Y	

Nexus GIS: Data Management Suite (ETL) User Interface

IMap

IMap provides an interactive map that shows how business processes through the organisation are linked. A Tube map identifies the main areas of project setups; these are then followed by schedules of input and out maps.



DocPro

The business has developed a Document Manager suite of products. The system keeps track of issued document revisions within the project. This project aimed to upgrade an existing application from VB5 technology to C# WPF & HTML5. The project also reviewed existing processes and procedures and made many process improvements.

N	R	Document Number	Revision	Document Title	Current Status
		AD-CDZZZZ-AR-SPE-0003-000	D04	AZERBAIJAN...	IFI
		AD-CDZZZZ-MT-SPE-1001-000	D03	Specification for...	AFD
		AD-CDZZZZ-MT-SPE-1002-000	D01	Specification for...	AFD
		AD-CDZZZZ-MT-SPE-1003-000	D02	Specification for...	AFD
		AD-CDZZZZ-MT-SPE-1004-000	C01	Specification for...	IFS
		AD-CDZZZZ-MT-SPE-1005-000	D04	Specification for...	AFD
		AD-CDZZZZ-MT-SPE-1006-000	D04	Specification for 3...	AFD
		AD-CDZZZZ-MT-SPE-1007-000	D04	Specification for...	AFD
		AD-CDZZZZ-MT-SPE-1008-000	D02	Specification for...	AFD

DocPro.Net: Web UI

Skills used: Agile Project Management, Team Foundation Server 2015 (ALM), SCOM, Visual Studio 2015, .Net 4, MVVM, MVC, WCF, WPF, Entity Framework, TDD, SQL Server 2012(6), ArcGIS Server 10.4, Angular 2, Type Script, Javascript, Silverlight, ArcSDE 10.4

Employer: Towah Banking Group, Tønsberg, Norway, November 2010 - April 2011

Project Name: TPS2 (Towah Payment System)

Role: Solution Architect / Project Management / Scrum Master

The project aims to uplift the current system from an MVC.net2 implementation of TPS into a re-engineered version leveraging the benefits of Microsoft Azure – TPS2. My role was, to capture requirements, business analysis, write high level solution architecture document and manage the project. I directly managed the development and deployment of the WCF Services and MVC framework. The challenge was to bring together a new team of 3 developers and 1 QA in Norway, a similar sized offshore team in India and a team of 2 testers in China. I did this by introducing the full suite of Team foundation Server for Software ALM (Application Lifecycle Management). This was both a technically challenging and team building project with the overall objective of delivering a world class global banking system integrating the latest software technologies.

Skills used: Agile Project Management, Team Foundation Server (ALM), SCOM, Azure Cloud Computing, Azure SQL, SCOM, Hyper V, Visual Studio 2010, .Net 4, MVC, WCF, Unity, Entity Framework, TDD, SQL Server 2008

Employer: Peacocks Retail Group, Cardiff, June 2010 - October 2010

Project Name: IIAPTS (Imports Invoice and Payment Tracking System)

Role: Solution Architect / Lead Developer

User requirements capture, functional specification, design & development of the database and a web-forms Application. The Application manages and tracks the interactions between the shipping, account payable and revenue control departments. An AJAX Web user interface was developed to manage the work-flow processes.

Skills used: Project Management, Visio, Sparx Enterprise Architect, AJAX, T-SQL, MS Server 2005, Visual Studio 2005 (.NET 2.0), mixed C#.net & VB.net, AJAX, Javascript, TDD

Employer: Cadmidium, Gloucester, April 2010 - May 2010

Project Name: DRCA (Defence Register Certificate Authority)

Role: Lead Developer

Design & development of a Windows forms application to manage the authorisation and issuance of security certificates for the MOD. A basic windows forms UI was developed to manage a PKI work-flow process.

Skills used: Windows Forms, XML & Server 2008, Visual Studio 2008 (.NET 3.5)

Employer: Environment Agency, Warrington (4dpw), Cardiff (1dpw), September 2009 - March 2010

Project Name: Water Resources GIS (WRGIS)

Role: Solution Architect / Lead Developer

The UK's water resources have until now been managed by a poorly designed non-integrated suite of Excel Spreadsheets. The main objective of this project was to convert a legacy system (60,000 LOC from VBA) to C#.net. My role was to reorganise a number of disparate processes and systems modelling them into a single centralised database & corporate system. The end result produced a web-based system capable of assessing the upstream & downstream effects of water abstraction licence applications.

Skills Used: Prince2 PM, Visual Studio 2008 (C#.NET 3.5), MS Visio, ESRI API & Suite of products, Oracle (Unix) PL-SQL, myGeneration tools, AJAX, Web Services, Javascript, Geocortex

Development Time: 6-months consultancy.

Employer: Logica, Reading, Rugby, Birmingham & Home, February 2009 - August 2009

Project Name: Airwave GIS

Role: Lead Developer

The Airwave (O2/BT) telecommunication network has been developed as a dedicated system for the emergency services, Police, Ambulance and Fire. It is a high capacity, high coverage network. The toolbox my team and I developed combines data from the disparate maintenance planning system (REMEDY) and the radio planning tool (ODESSY). The system is designed to show spatial signal coverage, traffic and how maintenance outage would affect the network quality. That is it would show where coverage black spots exist during the maintenance outage. This information is important users when planning operational tasks. Background mapping was provided by producing a map cache for the whole of the UK using the NAVTEQ dataset. I managed a team of 2 developers and 2 testing technicians.

Skills Used: Visual Studio 2008 (C#.NET 3.5 & VB.net), Prince2, ArcSDE for Oracle (Unix), AJAX, Javascript, Geocortex

Development Time: 6-months consultancy

Employer: The Crown Estate, London, December 2008 – February 2009

Project Name: MaRS (Marine and Resourcing System)

Role: Technical Lead / Solution Architect

The responsibility of the Crown Estate is to manage government property assets; they must also be seen to set fair rents, whilst protecting the crown and maximising returns. This application is being developed to identify locations most suitable for off-shore wind farms. Suitability is determined by factors such as proximity to underwater cable, pipes, oil rigs, natural habitat restrictions, depth and potential generator size. The application is being developed for use by trusted developments partners; BP, Haskonings, EDF. The map-based suite of web services provides the details of pre-determined block of activity; from which the partners are able to apply their own financial and other assessment algorithms against.

Skills Used: Team Foundation Server, Agile Project Management (Scrum), Visual Studio (C#.NET), web services, @Risk (Software Developers Kit), T-SQL, SQL SERVER 2005, ESRI: ArcGIS, ArcSDE, ArcObjects, Web ADF

Development Time: 3-months consultancy

Employer: Halcrow Engineering Group, Swindon, July 2007 - December 2008

Project Name: Environment Agency - Long Term Investment Strategy (LTIS)

Role: Technical Project Management / Solution Architect

The Environment Agency spends approximately £800M on river and coastal defence management. A windows interface was required to predict the annual investment requirement for each year for the next 100 years. Flood defence assets are monitored for condition grade a research exercise gathered financial studies which defined, defence class; condition deterioration (lifespan), annual maintenance cost, replacement cost and climate change. A great of uncertainty was attached to the accuracy of the input data; this clearly affects the uncertainty surrounding the results. In liaison with; river, coastal engineers the financial statisticians we were able to define upper and lower limits to the input variables. Using Monte Carlo Simulation technique the application has been designed to run 1000's of simulations and balances the annual result as the best estimate of 'mean' investment requirement. The second stage of the project will define the Geographic extents at Flood Risk Management Sectors, allowing the Environment Agency to forward plan there regional financial programmes for next 100 years.

My role was to act as technical lead and manage a team of developers to define and deliver the solution. My tasks included producing database design, software architecture, technical documentation, mentoring, presentations, stakeholder facilitation training and overall quality assurance. A substantial amount of my time was spent coding.

Skills Used: Visual Studio (VB.Net, C#.NET), Global Team Management (UK & Cambodia), VB6, @Risk (Software Developers Kit), T-SQL, SQL Server 2005, Access, Excel, Geocortex

Development Time: 6-months consultancy

Employer: Halcrow Engineering Group, Swindon, May 2007 - December 2008

Project Name: Environment Agency - National Coastal Erosion Risk Mapping (NCERM)

Role: Technical Lead / Solution Architect

I was brought in on to replace key staff movement for a project that had fallen behind schedule. My role was to provide a technical lead and develop a web-mapping interface for the Environment Agency. Leading a team of 2 junior developers a DBA and several technicians I have brought this project back on project schedule. The project rolled-out national to every Coastal Local Authority. Working with coastal engineers we have developed a web-application which is capable of calculating year by year coastal erosion. The interface allows users to integrate the erosion lines and it allows online editing of geometric features and attributes allowing users to refine and rerun the model settings for every segment of coastline. An independent geo-metric buffering algorithm was developed to define the boundary of the coastal erosion.

Skills Used: VB.net, Project Planning and Management, Prince2, MS-SQL Server, IIS6
Development Time: 18-months consultancy

Employer: East Devon District Council, Sidmouth, February – March 2007

Project Name: East Devon Spatial Searcher

Role: GIS Consultant

Development of the corporate digital mapping system, replacing the existing GGP system with a web-based solution. The solution was customised to connect to any spatial enabled back-end database and the users were able to search key data fields and zoom to the location. The solution was rolled-out to all intranet browsers within the authority.

Skills Used: VB.Net, ASP.Net, ArcGIS Server 9.2/9.3, ESRI ADF.Net, AJAX, IIS6, Visual Studio 2008 Team Edition, SourceSafe, ArcObjects, ArcGIS, Crystal Reports
Development Time: 6-months

Employer: Geo-Bureau / Aerospace & Marine International (June 2005- June 2007)

Project Name: High Accuracy Weather Prediction Interface (HAWPI), Network Forecasting

Role: Solution Architect / Project Manager / Lead Developer

The aim of the project was to improve road safety in reaction to predicted snow & ice weather events. I specified and designed a Web-based GIS for monitoring, displaying and reporting extreme weather events. Project included development of an application interface and customised computational methodologies and techniques for spatial analysis. This project was run to Prince 2 standards, I wrote the Project Initiation Document and Product Specification, Project Schedule, solution architecture and led the technical delivery.

Skill Used: Project Planning and Management, Design & Marketing, ArcIMS, ArcGIS Server, ArcObjects, ArcAvenue, ESRI 3D-Analyst, Network Analyst.

Development Time: 24-Months

Employer: University of Glamorgan, Pontypridd, 2005-2009

Project Name: Various

Role: Business Consultant

My role was to act as a Business Consultant, helping new businesses start-up by providing a business plan research and financial forecasting. Projects include; Jark Group, BrewTrack (Software), Leafbooks, and Cloud 3D (Software / GIS / Surveying). My input was sought to objectively analyse the business idea and help commercialise IPR by identifying key markets and potential funding streams and grants.

Skills Used: Sage Financial Forecasting, Market Research and Business Planning (Writing).

Development Time: Each project was approximately 20 days consultancy

Employer: Geo-Bureau, Cardiff, 2005-2008

Project Name: Various Web-Sites & New Digital Media Projects

Role: Consultant / Project Manager / Lead Developer

In this role I successfully delivered many basic web-site developments, I am not a designer, but I have developed a sound project management approach and used a panel of designers to deliver the end-product. This service has been provided to SME businesses mainly at a local level by referral. For the delivery I project managed UK based designers and off-shore designers from Russia, Serbia, India, the US and Czech Republic

Skills Used: Sales and Marketing, Customer Relationship Management, Team / Project Management, Visual Studio Enterprise Architect, ASP.Net, VB.Net, IIS6, Microsoft Server 2003, MS-SQL 2005, HTML, Flash, POP3, SMTP and Macromedia Contribute

Development Time: between 1-month and 3-months

Employer: Welsh Development Agency / Network Rail, Pontypridd, September 2005- September 2006

Project Name: Network Rail Access Safety Mapping

Role: Project Manager

Improving safety and efficiency for rail track working using intelligent location based systems. This project was a research project run in collaboration with the University of Glamorgan. My role was to provide a technical overview of the software and project management.

Skills Used: Project Planning and Management

Development Time: 12-months

Employer: Safer Neath Port Talbot, Port Talbot, June 2003 – September 2004

Project Name: Crime and Disorder Information System (CANDDIS)

Role: Solution Architect / Project Manager / Developer

Development of a web-based intranet site GIS for Monthly Crime Information Statistics (MCIS). Project managed (Prince 2) the implementation of the Crime and Disorder Information System (CANDDIS). Wrote Project Initiation Document, Business Case & Product Descriptions and managed the successful project delivering a bespoke ASP.Net based mapping interface.

Skills Used: Prince2 Project Management, Visual Studio Enterprise Edition VB.Net 2003, , Crystal Reports, ASP.Net, MS-SQL 2000, Oracle 9i (Unix), Access, Case Studio (OMD), Viso, ESRI ArcSDE, ArcIMS (.Net connector), ArcView, IIS6

Development Time: 18-Months

Employer: Neath Port Talbot Communities First, Port Talbot, August 2003 – January 2004

Project Name: Domestic Abuse Referral Information System (DARIS)

Role: Solution Architect / Project Manager / Developer

Development of a database and windows front-end to track, monitor and report on domestic abuse referrals.

Skill Used: Prince2 Project Management, Visual Studio Enterprise Edition VB.Net 2003, Crystal Reports, Access, Case Studio (OMD), Viso

Development Time: 3-Months

Employer: Neath Port Talbot County Borough Council, Penllergaer, 2002-2003

Project Name: Corporate Mapping

Role: GIS Developer

Responsible for the E-governance grant proposal (PID& BC), which resulted in the development of a corporate web-based GIS ArcIMS - wholly adopted as the corporate solution by the council.

Skills Used: Project Management and Business Proposal Writing, ArcIMS 9 (.Net connector), Visual Studio Enterprise Architect Visual Basic.Net 2003, ASP.Net, MS-SQL,T-SQL, Oracle 9i (Unix), ArcSDE 9, ArcGIS 9, ArcObjects, ArcView 3, ArcAvenue, IIS6

Development Time: 12-Months

Employer: Neath Port Talbot County Borough Council, Penllergaer, January 2000- December 2001

Project Name: GIS DataViewer

Role: GIS Developer

Developed a centrally data repository and stand-alone GI-enabled Data-Viewer, this application was widely adopted through-out the authority, with over 200 clients installed.

Skills Used: Visual Basic 6, MapObjects, ArcSDE, Oracle, Shapefiles, ArcView, ArcGIS

Development Time: 24-months

Employer: Neath Port Talbot County Borough Council, Penllergaer July 1999- July 2000

Role: GIS Developer

Developed a mobile-data asset capture system for highway furniture and condition assessments. The map product was GPS enabled and run on Rugged Tablet PC (Fujitsu 2400).

Skills Used: Visual Basic 6, MapObjects, ArcSDE / Oracle (EXOR integration), Shapefiles, ArcView, ArcGIS
Development Time: 9-months

Employer: Neath Port Talbot County Borough Council, Penllergaer, August 1996 - August 1999
Lead developer for the Vehicle Tracking and Information System (VECTIS), the system was aimed at tracking Winter Maintenance vehicles and provide more effective routing data.

Skills Used: ArcAvenue, ArcView, Access, dBase IV, GPS, Paknet, MapObjects, MapInfo, MapBasic.
Development Time: 36-months

PROFESSIONAL TRAINING 2017

- TypeScript, Online (10hrs), Pluralsight, Aug 2017
- Architecting Azure Solutions (70-534): Infrastructure and Networking [3:52], Orin Thomas, Pluralsight, Aug 2017
- Architecting Azure Solutions (70-534): Secure Resources [3:00], Orin Thomas, Pluralsight, Aug 2017
- Architecting Azure Solutions (70-534): Application Storage and Data Access Strategy [3:02], Orin Thomas, Pluralsight, Aug 2017
- Architecting Azure Solutions (70-534): Design an Advanced Application [1:40], Orin Thomas, Pluralsight, Aug 2017
- Architecting Microsoft Azure Solutions (70-534): Design Web Apps [1:59], Orin Thomas, Pluralsight, Aug 2017
- Architecting Azure Solutions (70-534): Management, Monitoring, and Business Continuity [2:55], Orin Thomas, Pluralsight, Aug 2017
- Angular, Online (10hrs), Pluralsight, Aug 2017
- Grunt, Online (4hrs), Pluralsight, Aug 2017
- Bundle Course (6hrs), Pluralsight, Aug 2017
- Testing in Visual Studio 2015, Online, Microsoft Academy, July 2017
- JavaScript & Dojo for ArcGIS Server, 3 days, ESRI Aylesbury, 2017

PROFESSIONAL TRAINING – pre 2017

- Silverlight ArcMap, 3 days, ESRI Aylesbury, 2014
- Prince2 Practitioner, 2 days, UGCS, Treforest, 2009
- Prince2 Foundation, 3 days, UGCS, Treforest, 2009
- Enterprise ASP.Net Web Development, 2 days training, Learning Tree, On-Site, 2003
- Enterprise VB.Net, 3 days training, Learning Tree, On-Site, 2003
- XML A Comprehensive Hands-On Introduction, 1 days training, Learning Tree, On-Site, 2003
- Hands-On Dreamweaver MX, 4 days training, Learning Tree, On-Site, 2003
- Introduction to Prince2, 1 days training, WS Atkins, On-Site, 2003
- Customising ArcIMS, 2 days training, ESRI Aylesbury, 2003
- ArcIMS Administration, 2 days training, ESRI, Aylesbury, 2003
- Introduction to ArcIMS, 3 days training, ESRI, Aylesbury, 2003
- SDE Administration for Oracle, 5 days training, ESRI, Aylesbury, 2003
- Programming with MapObjects with Visual Basic 6.0, 3 days training, ESRI, Watford, 2000
- Programming with ArcAvenue, 3 days training, ESRI, Watford, 1999

PAPERS & PRESENTATIONS

Slade, L, Rogers, J, Neve, P, 2007, *National Coastal Erosion Risk Mapping*, ESRI European User Conference, London

Slade, L., Corcoran J., Ware, A, 2005, *Multi-agency crime monitoring systems: A review*, Urban Planning, Awaiting Publication

Slade L., 2005, *GIS in Local Government*, GIS 2005 1st Syrian National Conference, Kalamoon University, Syria

Slade L., 2005, *GIS and Crime Mapping*, GIS 2005 1st Syrian National Conference, Kalamoon University, Syria

Slade L., 2005, *Crime and Disorder Information System (CANDDIS)*, GISRUK2005, Glasgow University (Poster Presentation)