Curriculum Vitae

Dr. Kim Stagg, PhD

Title
Senior Consultant

Education

PhD in Hydrogeology: University of Birmingham, UK

MSc in Engineering Geology: Leeds University, UK

BSc in Geology with Environmental Aspects: Imperial College, London University, UK

Professional Associations

Air & Waste Management Assoc (Vice-Chair, Data Management Analysis & QA Committee)

National Ground Water Association (Chair of Internet Groundwater Data Group)

Data Interchange for Geotechnical and GeoEnvironmental Specialists (DIGGS) (Chair of Environmental Group)

Languages
English

Experience Summary

Dr. Kim Stagg has more than 18 years of professional project director/manager experience focused on using technology to solve environmental and business problems. He holds a Bachelor of Science degree in Geology with Environmental Aspects, a Master of Science degree in Engineering Geology and a Doctorate degree in Hydrogeology. He views himself as a translator for environment, technology and business people to bring together these disciplines. Kim's experience includes extensive work in IT strategic planning and business review, system design, process and project management, and system implementation planning and execution. Kim specializes in both EH&S management systems and soil and groundwater data systems, he has developed and deployed numerous protocols and systems worldwide. His experience includes leading large teams to undertake multi-site, global projects within the environmental software arena. He has presented a number of technical papers/posters and is an advisor on a number of committees in this area. He is currently heading the 'DIGGS (Data Interchange for Geotechnical and GeoEnvironmental Specialists)' team to design and implement a world-wide standard for environmental data. He Chairs the Internet Groundwater Data Group at the National Ground Water Association (NGWA). He also is the vice-chair on a sub-committee for data management at AWMA (Air & Waste Management Association).

Related Projects

- Kim is the technical project manager for the iEHS software rebuild. This multi-million dollar software project is to build a state-of-the-art environmental, health and safety management solution. The software is written using Service Orientated Architecture (SOA) utilizing IBM's latest software tools: WebSphere Application Server, WebSphere Business Services Fabric, Cognos, etc. The software user-interface is built using Flex technology to deliver an Adobe Flash based application. Kim has been heavily involved in the design and architecture of the system as well as the commercial strategies and implementation approach. This application is currently being implemented in numerous multi-national companies under Kim's direction.
- Kim also leads the development for all internal systems including utilizing Salesforce in house for sales and marketing work.

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- Kim has been involved in advising a number of global petroleum and chemical companies on environmental data strategies, protocols and procedures. He has also directed a number of environmental software projects with involvement in design, integration, implementation and deployment. Kim is also heavily involved in the sales and marketing of software systems and services.

- Kim has worked with a number of chemical companies to review their current environmental technical data platform and advise on changes/additions to their systems. These 'needs assessment' reports investigate the current IT infrastructure, data requirements and resourcing options, and advise on the necessary changes to systems, protocols and resourcing. The most recent of these projects involved transitioning from a legacy system to a new commercial enterprise solution. This included integrating a number of software components using a fully phased implementation strategy.

- Kim was the Director of Software Development involved in the production and development of RISC 5. This is Human Health and Groundwater Risk Assessment software that has been developed in collaboration with BP. Kim was involved in the coordination and project management of software development of this project. Kim also was heavily involved in the design, development, sales, marketing and support of RAM – risk assessment software. RAM is an Excel spreadsheet-based modeling tool for carrying out risk assessments for contaminated land and groundwater.

- Kim worked with Agip-KCO to implement an Enterprise data management solution. Agip-KCO has been formed by ExxonMobil, Shell, ConocoPhillips, Agip and BP to exploit the fourth biggest oil field in the world, based in Kazakhstan. Kim has been involved in undertaking a needs assessment, producing a specification of the required development/customization, and implementing the solution. The highly specialized system will store typical geological and environmental datasets along with client specific datasets including a large amount of continuous data-logger collected time-series data and extensive biological data including flora and fauna.

- Kim worked with Shell Global Solutions to put together a protocol for the collection and collation of environmental data during remediation of their European Refineries. The system used for this effort, EQuIS, stores both geological and analytical chemistry data, which can be efficiently output to a number of industry standard programs. Project management of the Shell system has required customization of the Electronic Data Deliverables and the underlying database, and also the preparation and organization of training.