



### Southampton

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### Education

City and Guilds in Relational Databases  
(Farnborough College of Technology, England)

### Expertise

Geographic Information Systems

Data management

Spatial data visualisation

Constraints analysis

Heat mapping

### Selected Experience

GIS and Data Manager  
(SSE)

GIS and Data Manager  
(RES Offshore)

Geospatial Analyst  
(Defence Estates)

GIS Technician  
(The Crown Estate)

Digital Cartographer  
(The Automobile Association)

## Philip Redstone

### Associate Director

Philip Redstone is an experienced geographical information system (GIS) professional providing RCG's clients with spatial information and expert analysis to facilitate informed decision-making about their projects.

Mr Redstone is a highly-skilled practitioner in the application of GIS for renewable energy projects. He has more than 25 years' experience in the management, analysis and presentation of geospatial data.

Mr Redstone has worked in the renewable energy industry for the past decade and leads RCG's GIS service, providing support to a range of clients across the world. Having started his career as a digital cartographer, Mr Redstone progressed into the field of GIS where he expanded his experience working for high-profile organisations in both the private and public sectors. Prior to joining RCG he led GIS and Data Manager in a consortium developing one of the world's largest offshore wind farm projects. He was responsible for managing all data acquired and established a series of processes and workflows to successfully maintain version control of many terabytes of data and over a thousand drawings. He is experienced at managing, coaching and leading GIS teams. Since joining RCG he has also provided GIS training to renewable energy clients.

Mr Redstone is qualified in database systems.

## Representative Assignments

### – Offshore wind master planning

Provided a range of GIS support services on behalf of a US state authority to inform optimal locations for siting offshore wind farms.

### – Cable risk analysis

Analysed offshore wind farm survey data to calculate the depth of burial of inter array cables and produced heat maps to visualise areas most at risk from anchor penetration.

### – High-altitude wind power feasibility study

Analysed environmental constraints and identified a potential development site as part of feasibility study for a leading company in the high-altitude wind power sector.