

Company Name:	GeoSmart Information Ltd.
Team / Department:	Consultancy
Address:	Shrewsbury

Provisional title for project:

Demand for environmental impact reporting in England – effect on the property development sector

Short abstract of what the project would probably entail, and the data to be used:

Environmental reports provide data on specific subjects such as planning and land use histories, contaminated land and flooding or comprehensive packages of information. The aim of the project is to assess where demand is greatest for environmental reporting required for planning permission.

GeoSmart's Customer Relationship Manager can be used to find patterns in reports and data sales, which can be combined with insights from planning system data and environmental risk data sets. Environmental risk maps and social media references to environmental risk could be compared with geodemographic data for households, plus businesses at risk using POI data from OS or other open sources of data. Visualisation of data will be important to gain insights on patterns and highlight locations and firms on which to focus.

Essential and desirable skills that the student would need to have:

Essential skills (NB): Data analysis, statistical analysis, GIS

Desirable: Python

Preferred degree programmes (if any):

Would any work by the student need to be carried out on site at the Company with the exception of supervisory meetings?

No. May need to download data at office on first supervisory meeting.

Any issues of data confidentiality and IPR that would need to be resolved?

Some proprietary datasets will be made available but can not be published in full. The Customer Relationship Manager will contain confidential data that we would not wish to be published.

Preferred selection method

Telephone interview

Support and training offered by the company

Preference is for remote supervision via conference call. Suggest one conference call of one hour every two weeks. Meeting at the office for kickoff, prior to submission, and post-submission.

Financial assistance offered by the company

We agree to pay the student £500 (plus travel expenses)

For details on how to apply, please visit:

<https://www.cdrc.ac.uk/retail-masters/details-for-students/>