Geoforensics and Information Management for crime Investigation

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Aims

To identify and evaluate needs and options for methods of measurement, interpretation, analysis and communication of physical evidence.

Network Initiatives

Comparison of Analytical Techniques
Comparison of analysis methods on soil samples from burial sites being shared between Canada, USA, New Zealand, Australia and the UK (Macaulay Institute, Queen’s University Belfast and Bradford University).

(Courtesy of Dr Shari Forbes, University of Ontario Institute of Technology, Canada)

Spatial Databases and Communications

What should be recorded at crime scenes for collective discussions?
Representing scenes of crime for communications between expert and lay audiences using virtual reality tools.

Aerial photograph of new housing estate and soils (darker colour equals increased % clay)

Parks and gardens and addresses within 100m of entrances

Combining soils and address data

Network Membership

Stakeholder Requirements and Knowledge Transfer

The network is being exploited for information exchange between experts, stakeholders and the general public.

Media: Interview on ITV News
Ground Penetrating Radar in Geoforensics
Guest Lecture: Dr. David Nobes, New Zealand

Conferences and workshops

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Conference sponsor

Project reference: EP/D041473/1
Coordinated by Macaulay Institute
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New members of the network are welcome
Please contact David Miller
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What can spatial databases offer for intelligence gathering?

Linking spatial databases of land use, with soils, house addresses and access. The examples below are of an area of Edinburgh.

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Members

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