

Subject Discussion Areas of Interest

A. Components of gazetteer services

Through our GeoCrossWalk project and associated GeoParser development we have specific interests in:

- database population and creation issues related to multiple scales and multiple data sources
- feature typing (esp in multilingual contexts)
- accommodation for the variations and repetitions of placenames on a worldwide basis, including exonyms
- treatment of temporal issues

B. Georeferencing as a process

EDINA has been endeavoring to build georeferencing into the process of resource management within the UK academic network infrastructure by providing resources and tools to assist in explicit georeferencing. These include:

- geoparsing technologies
- middleware services and servers
- spatial data discovery services including registries and catalogues

C. Interoperable gazetteer services

EDINA builds services and projects on open standards and interoperability principles. We are active Open Geospatial Consortia (OGC) members and are involved in a range of data harmonization and interoperability initiatives, including:

- SOA approaches
- distributed federations of authority name files
- authentication and authorization issues including geoDRM

EDINA also has an interest in Grid computing (eScience) and emerging relationships with OGC and other geospatial interoperability standards.