Geo-Refer: geographical referencing resources for social scientists

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Background to project

- Geographical referencing: a key data linkage tool
- Frequently needed by non-geographers but no obvious source of methodological guidance (“phone a friend?”)
- Recent experience in creation of online learning materials

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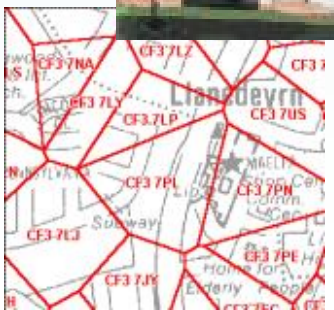
Examples

- Link survey results to census data
- Associate postcoded patient records to Indices of Deprivation
- Allocate questionnaire responses to urban/rural neighbourhood types
- Identify which service delivery locations fall within different policy areas
- Use GPS to record survey locations



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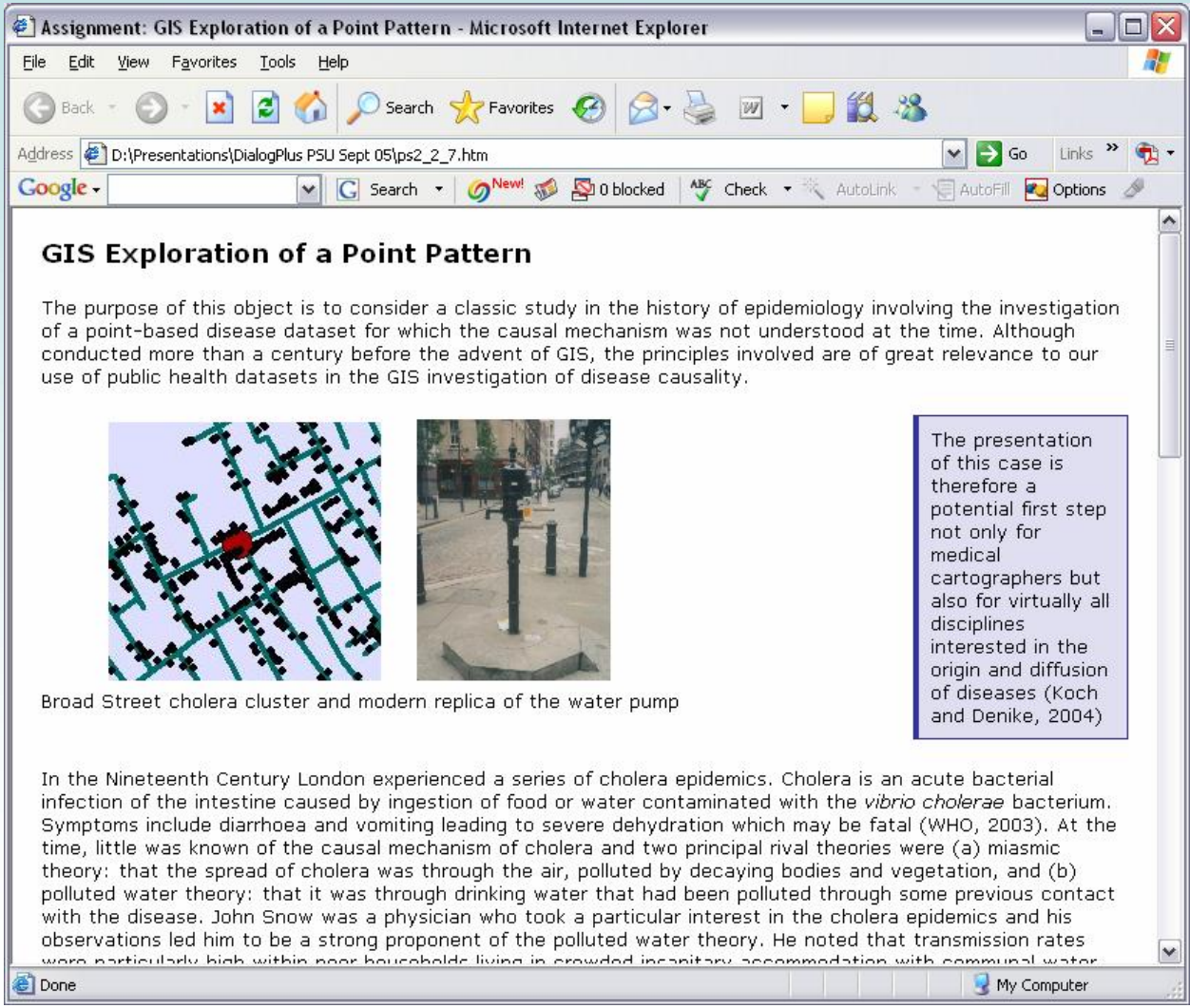
Learning object example…

- (from online GIS Masters modules)
- Portability
- Independence
- Standards



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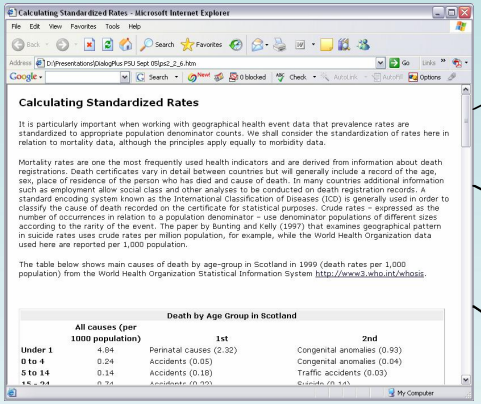
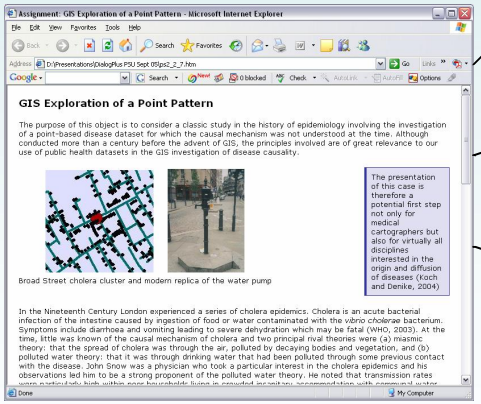
…typical structure





online activity

Flash movie

html/xml

images

GIS zip

data

PDF

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Mode of working

- Recruit exemplar projects
- Author principles, techniques and datasets learning objects
- Run workshops with interested users
- Assemble exemplar learning objects
- Object library - repository
- User-profiled tutorial delivery interface

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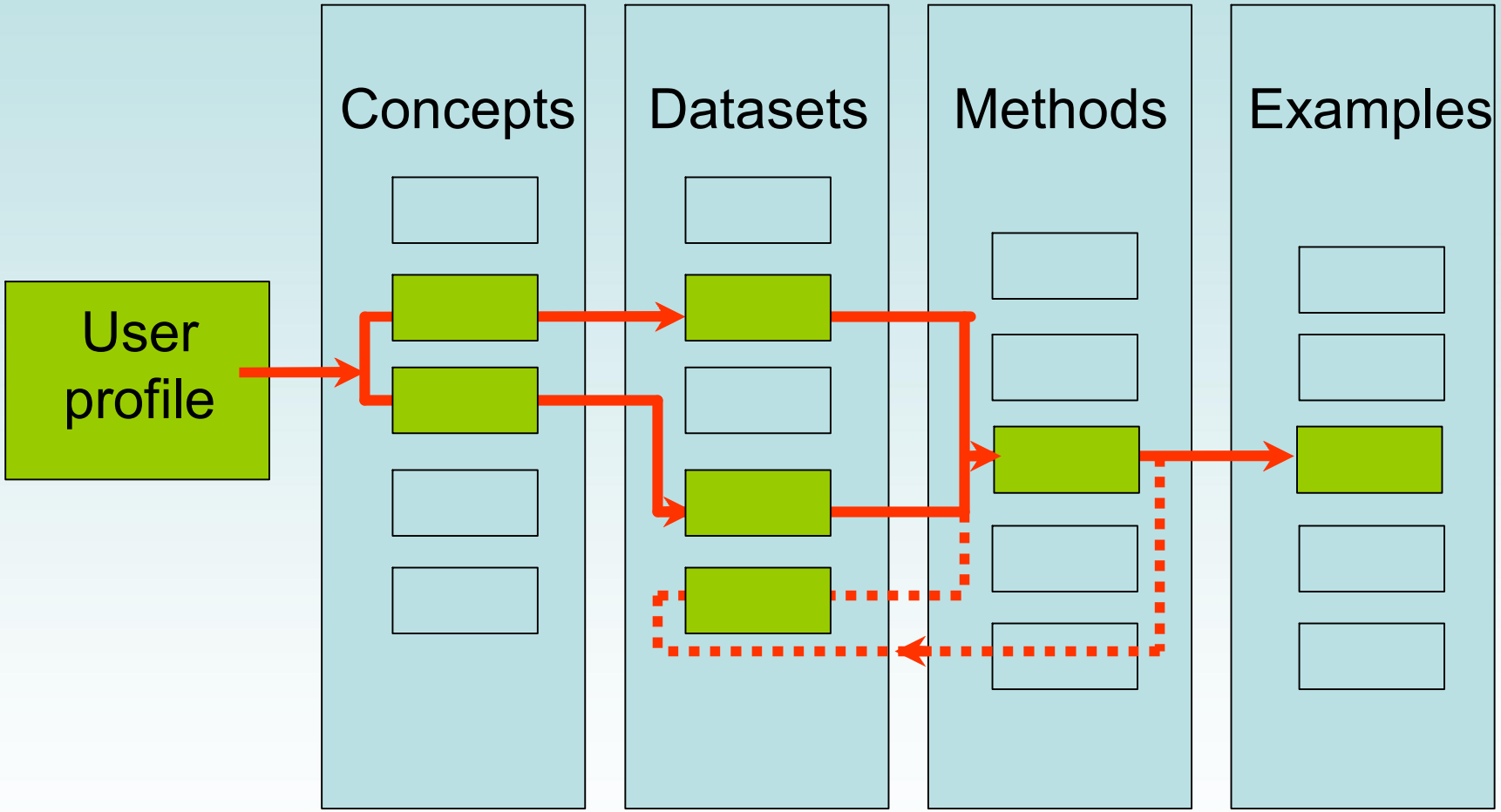
Online resource overview



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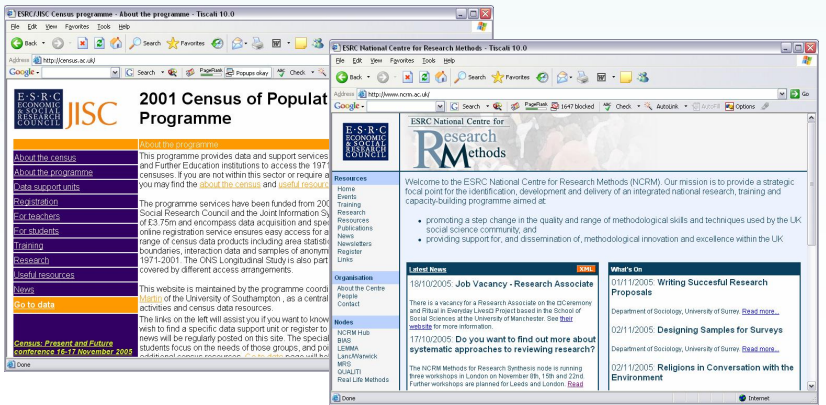
Deliverables

- Online learning resources
  - Suitable for re-use
  - Integration with NCRM, census portal, etc.
- Intelligent presentation environment
- Face-to-face workshops
- Assistance to exemplar projects



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