FireWebService

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## Chosen Lots

### Lot B:
Derive information products from the GEONETCast data stream

- organize processing workflows using GIS tools
  - automated selection or filtering of level 1 data
  - combine GEONETCast data with additional resources
- provide access to the results via OGC web services
  - set up the web services
- options
  - Try to integrate the technology of web processing services into your workflows

### Lot D:
Set up the basic building blocks for a local SDI

- set up a portal application
Proposal

Utilized Technologies

- organize processing workflows → buffer function
- GEONETCast data + additional resources → Wikipedia
- OGC web services → WPS / WCS
- portal application → homepage (portal)
Motivation for a FireWebService

Which areas are threatened by fire?

- show active fires
- additional information on fires
  - threatened cities or regions (distance)
  - further information about the cities or region → wikipedia pages
  - fire size categories (minor, medium, major)
  - fire duration
  - fire statistics → estimate wild fires risk (optional)
  - region statistics (optional)
Technical Concept

- Satellite Data
- Additional Information

**Streaming / Collecting**

**FWS Core**

- WPS
  - Processing Lvl 1 data buffer functions
- WCS
  - Publishes coverage image to the web

**Publishing**

**FWS Homepage**
## Time Management

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