

The logo for FOSS4G 2006, featuring a stylized red and white graphic that resembles a ribbon or a stylized letter 'G'.

FOSS4G 2006 - Free And Open Source Software

Contribution ID : 88

EduCal 2

At previous OSG conferences in Ottawa (2004) and Minneapolis (2005), work on a Web-based decision support tool called EduCal was presented as a work in progress. The EduCal tool was developed using open source tools (primarily Mapserver, PostgreSQL and PostGIS) entirely to evaluate education quality at the primary school level in Peru using spatially-referenced education and population data. The EduCal tool is about to be released in its second version to provide access to a large repository of indicators of education quality for a multi-year database schema, as well as indicators of social well-being. The software allows users to calculate perspective-based indices of education quality and social-well being as well as discover new spatial knowledge on education quality, using conventional multi-dimensional data mining tools. Results can be viewed in map and tabular form for individual schools, two levels of education administration areas and for districts. EduCal 2 creates a more flexible environment for exploring data that are more integrated with the mapping aspect of the tool than in the original version. This demonstration will allow people to experiment with EduCal2 and see the results of the application at work.

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Session classification : Posters

Track classification : --not yet classified--

Type : Poster