geographic information systems (GIS)

The objective of the Department of Geographic Information Systems include conducting analysis and calculus projects in the area of GIS, working with and processing raster and vector geo-referenced information, alphanumerical data bases, conducting studies in the field that include analysis, programming, visualization, and diverse outputs (print, applications, intranet, Internet). In addition, this department is responsible for the promotion and support of the use of GIS technology in the research community.

Noteworthy Activity in 2008

Projects

GIS Tool for Environmental Risk Assessment in Agricultural and Industrial Sectors. During 2008 the development of the tool for the analysis of atmospheric contamination in the industrial sector was accomplished, integrating the models of atmospheric pollution and its geoprocessing in order to represent the elements affected by a given incident thereby providing the ability to perform simulations for the design of emergency plans.

Forest Industry Information System- SIFI Galicia. The programming of an application for data base management in the industrial lumber sector of Galicia was concluded and a map server was published on Internet.

Archaeological Patrimony 2008 – Government of Galicia. The information exploitation tasks that correspond to the inventory of archaeological goods from the province of A Coruña were performed as well as an analysis of the information collected from the document system of the government's archaeological service. Information derived by means of the analysis of existing data was produced.

TERRA. A map server of Galicia for the educational project TERRA that is to be a tool and a teaching resource in primary and secondary Galician educational centres was developed.

Participation in the Network of Geographic Information for Research in Galicia - REDIX. A survey was elaborated that concerned the utilisation of GIS by the local administration. Various proposals were developed regarding participation in different calls for research projects, national as well as European.

Dissemination Activities

Map Server of Surnames of Galicia. The map of Surnames that was developed by the University of Santiago Galician Language Institute (ILGA) on Internet was maintained operative.

Sueloempresarial.com. The web of industrial parks developed for the Consorcio Zona Franca of Vigo was maintained operative.

GIS Technology Days. Collaboration in the production of Technology Days for the dissemination of GIS technology.
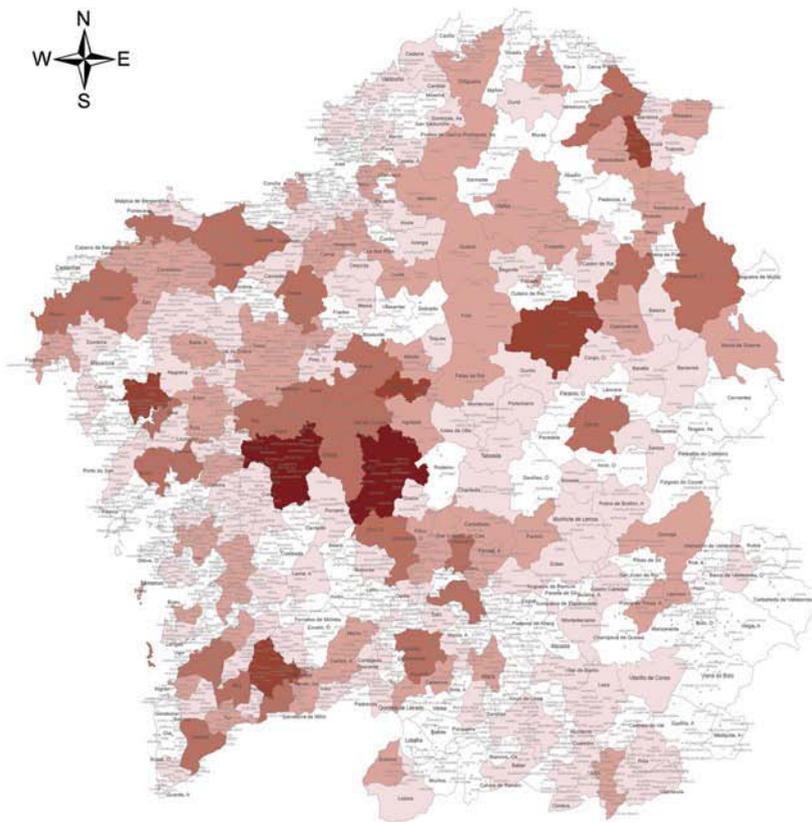
Training

Teacher Training course of the Regional Ministry of Education, "Opportunities posed by Networked Geographic Information Systems as a Learning Tool", 2008.
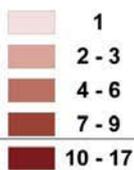
"I Course in Geographic Information Systems", celebrated from July 7 – 11, for the Galician Delegation of the Professional Association of Geographers.

"II Course in Geographic Information Systems", celebrated September 22-26, for the Galicia Delegation of the Professional Association of Geographers.

Empresas por Sector - Act. Serrado e Cepillado da Madeira

Nº de empresas por sector

- 1
- 2 - 3
- 4 - 6
- 7 - 9
- 10 - 17