

## Spatial Data Infrastructure of Catalonia News

### Socio-Economic impact study of the Spatial Data Infrastructure of Catalonia. Updating the first report

In 2007, on request of the INSPIRE of the Joint Research Center of the European Commission, the document ***The socio-economic impact of the spatial data infrastructure (SDI) of Catalonia***<sup>1</sup> was elaborated. The document was based on the data collected through surveys to local authorities, users of resources of the Spatial Data Infrastructure of Catalonia (SDI, IDEC in Catalan), and other organisms as well as other users of the mentioned resources.

This study, in addition to having a great value as a tool of strategic reflection for the IDEC, it had a high degree of interest in the European scope. For this reason, it was decided to carry out a new impact study of the IDEC, with the aim of updating the data collected in the previous one, and check the evolution of different parameters analyzed in the previous survey, and incorporate new information, as well.

During the four years among two studies (2006-2010), some changes had been noticed, and new information about real impact seemed necessary.

Thanks to the contribution of the Master student Georgina Cívico, who has interviewed 20 municipalities and 6 selected organisms, and has prepared some results, the CS IDEC has developed an edited a new document, continuation of the 2007 study. It shows the close connection between saving time and using IDEC/PRG tools, representing a ROI (rate of return) of less than two months.

[http://www.geoportal-idec.cat/geoportal/eng/documents/EstudiImpacteEditatJG\\_V2.EN.pdf](http://www.geoportal-idec.cat/geoportal/eng/documents/EstudiImpacteEditatJG_V2.EN.pdf)

1. [http://www.geoportal-idec.cat/geoportal/cat/documents/Estudi\\_Impacte\\_cat.pdf](http://www.geoportal-idec.cat/geoportal/cat/documents/Estudi_Impacte_cat.pdf)

---

### New thematic IDE of Earth observation, IDE\_OT

Earth observation systems from satellite have allowed a synoptic vision, and an improvement of knowledge about environment and territory.

At the end of 2009, the ICC undertook an own program, with the aim of design, analyze, and implement a new Spatial Data Infrastructure (SDI) collecting metadata on satellite images.

With the purpose of being a referent and testing a metadata model for satellite images, as well as to allow the access to the ICC images sources, inviting other images collections to be part of the SDI, a new Geoportal IDE\_OT has been created: a strategic tool of transferring and improvement of knowledge.

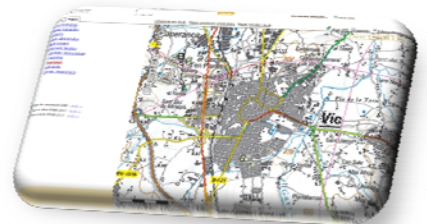
At present the Geoportal has 3 000 records of metadata about SPOT and Landsat images, which form part of the sources of the ICC.

<http://www.geoportal-idec.cat/geoportal/ideot/>

#### Catalogue access



#### Map viewer access



#### Interesting links

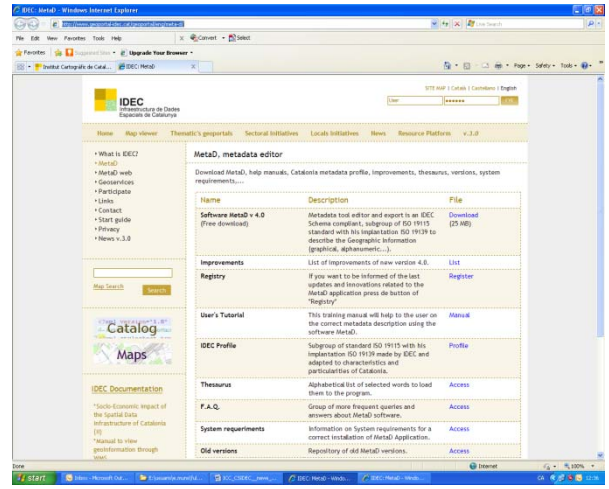
- [Geoportal IDEC Local](#)
- [Geoportal IDE Univers](#)
- [OGC](#)
- [INSPIRE](#)
- [MetaD 3.0.5](#)
- [ICC](#)
- [Consorti AOC](#)

## New version of MetaD

It is available the download of the new version 4.0 of MetaD for the creation of metadata in the Geoportal IDEC (<http://www.geoportal-idec.cat/geoportal/eng/meta-d/>)

The most important changes of this new version are:

- The incorporation of a form to create the metadata of services according to the ISO 19119, adapted to the normative of implementation of the metadata INSPIRE, and the recommendations of the IDEE. It allows collecting the information from the GetCapabilities of specific servers.
- Improvement of functionalities in the creation of metadata of data, and online recommendations with the aim of making easier the complementation of some fields which are necessary for the validation as a INSPIRE metadata.



## The Geological Institute of Catalonia (IGC) publishes the “Geoindex”

The IGC has created a new section on its web, the “Geoindex”. A catalog of digital products has been published on this section, based on the IDEC catalog, with the aim of making easier the visualization of the different topics managed by the institute: geological cartography, geothermic, geological risks, etc.

There are 130 layers of geoinformation available for the users, by means of the 31 WMS geoservices. Furthermore the Catalog has added the metadata of data and relative services.

You are invited to visit the web:  
<http://www.igc.cat/web/en/geoindex.html>

