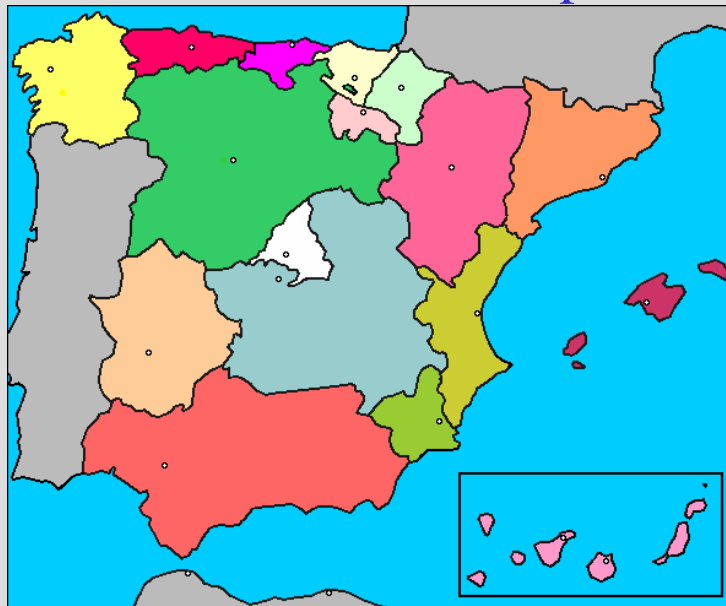


Subnational SDIs in Spain: putting the pieces together using standards

- **Dr. Michael Gould**
 - University Jaume I, Castellón
 - GeoSpatial Partners
- **Dr. Jordi Guimet**
 - SDI-Catalunya project, Barcelona
 - Politechnical Univ. Catalunya



17 Communities of Spain



17 Communities of Spain



SITNA - Sistema de Información Territorial de Navarra - Microsoft Internet Explorer

Archivo Edición Ver Favoritos Herramientas Ayuda

Atrás Búsqueda Favoritos Multimedia

Dirección <http://sitna.cfnavarra.es/navegar/?lang=cas>

Mapa de Situación

Imágenes y Mapas de fondo
• Ortofoto Color 1:5.000

Capas Vectoriales
• Catastro • Callejero

Búsquedas

695 x 361 m Inicio

UTM
x=586.727
y=4.729.911

Leyenda

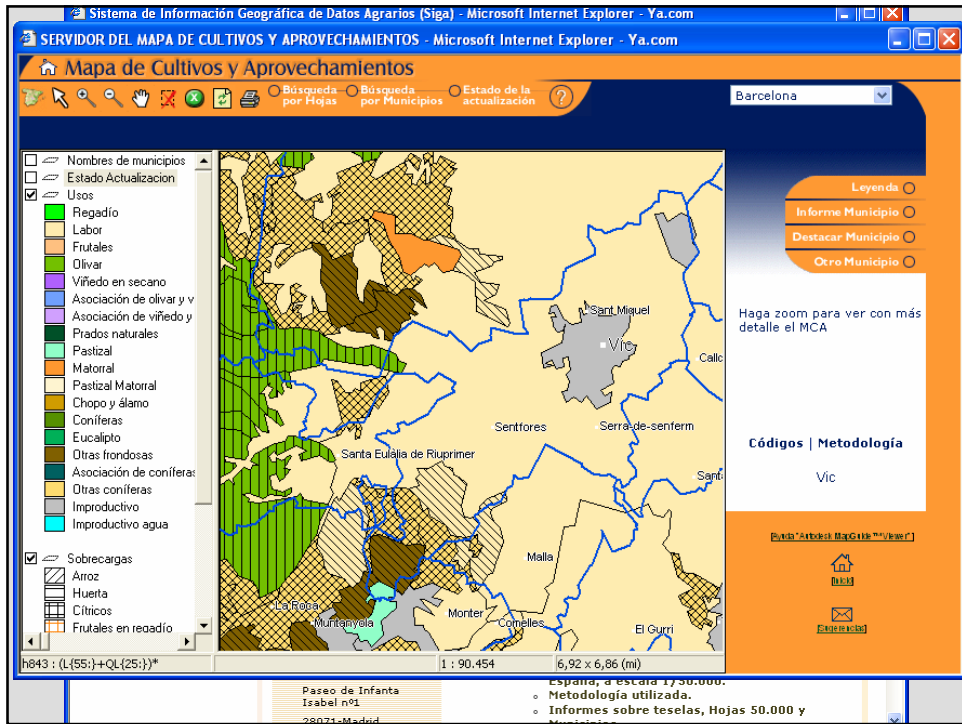
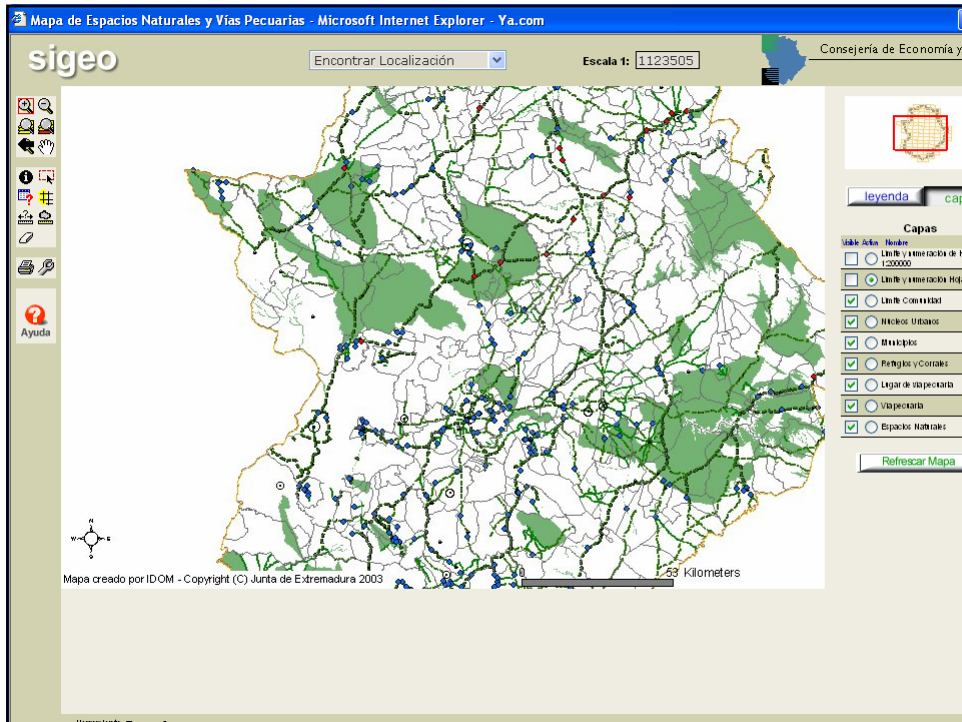
<input checked="" type="checkbox"/> Imagen de Fondo	<input type="checkbox"/> Polígonos
<input type="checkbox"/> Municipios	<input type="checkbox"/> Parcelas Urbanas
<input type="checkbox"/> Concejos	<input type="checkbox"/> Parcelas Rústicas
<input type="checkbox"/> Cascos Urbanos	<input type="checkbox"/> Subparc. Rústicas
	<input type="checkbox"/> Parcelas Mixtas
	<input type="checkbox"/> Parcelas Varias
	<input type="checkbox"/> Esp. de vía
	<input type="checkbox"/> Textos de vía
	<input type="checkbox"/> Portales

Aumentar Tamaño

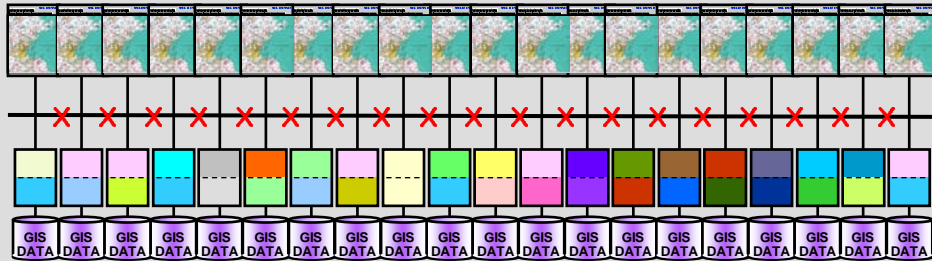
© 2002 Gobierno de Navarra

Monitor: 17 Escala: 1:4.379 Créditos y datos técnicos

Desarrollo:
Trabajos Catastrales Correo

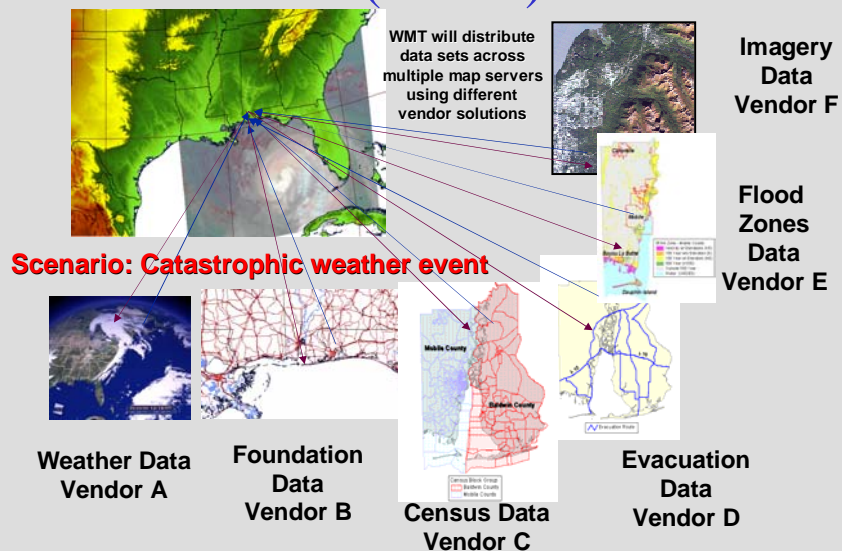


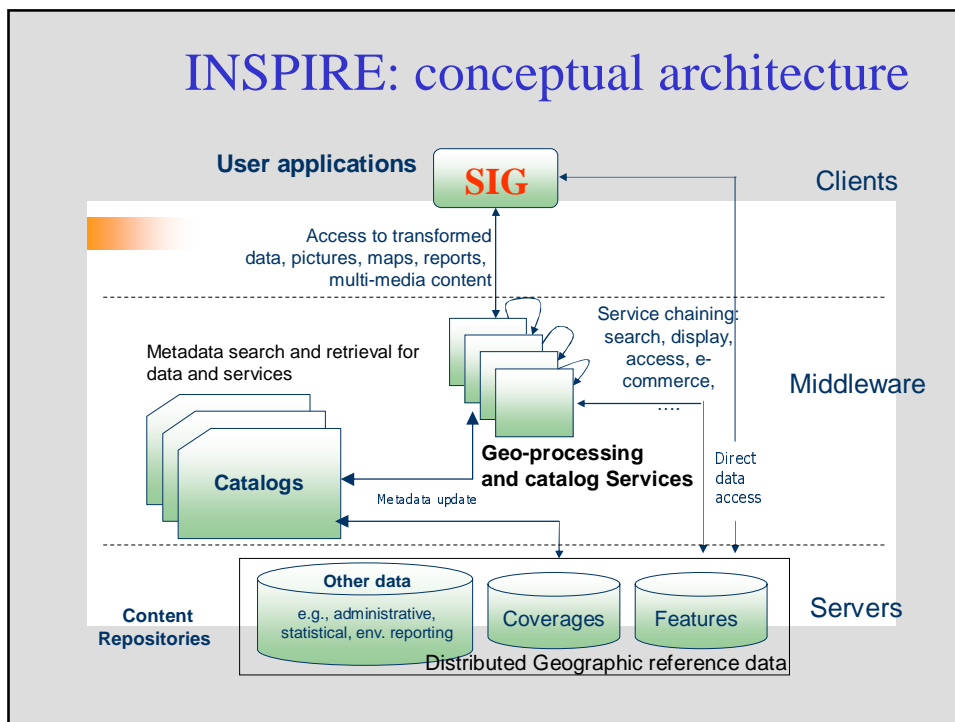
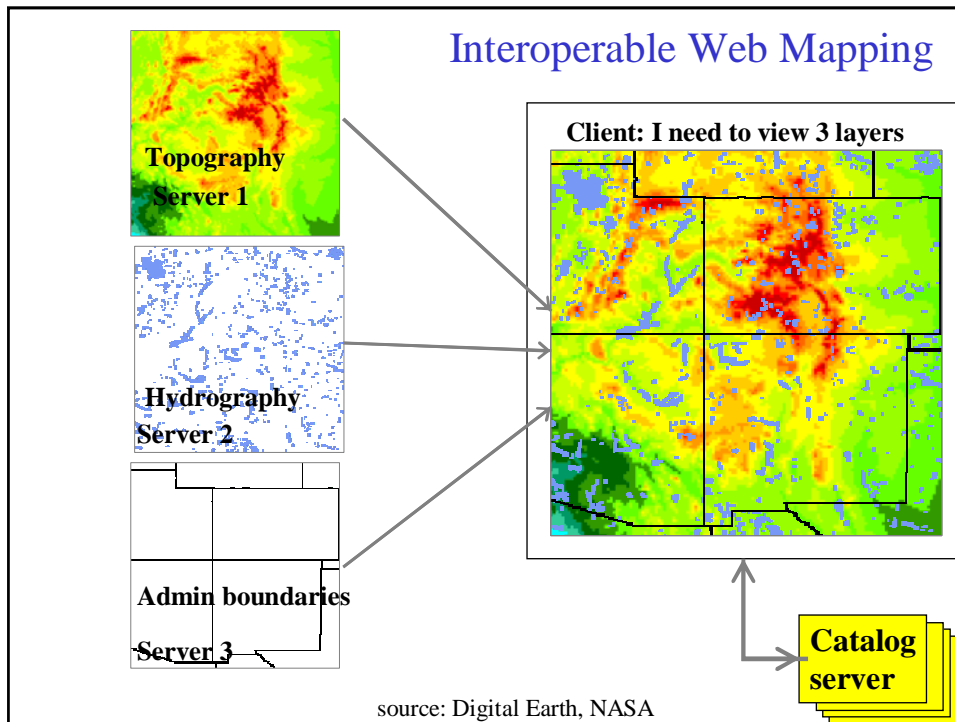
Non-interoperable web mapping

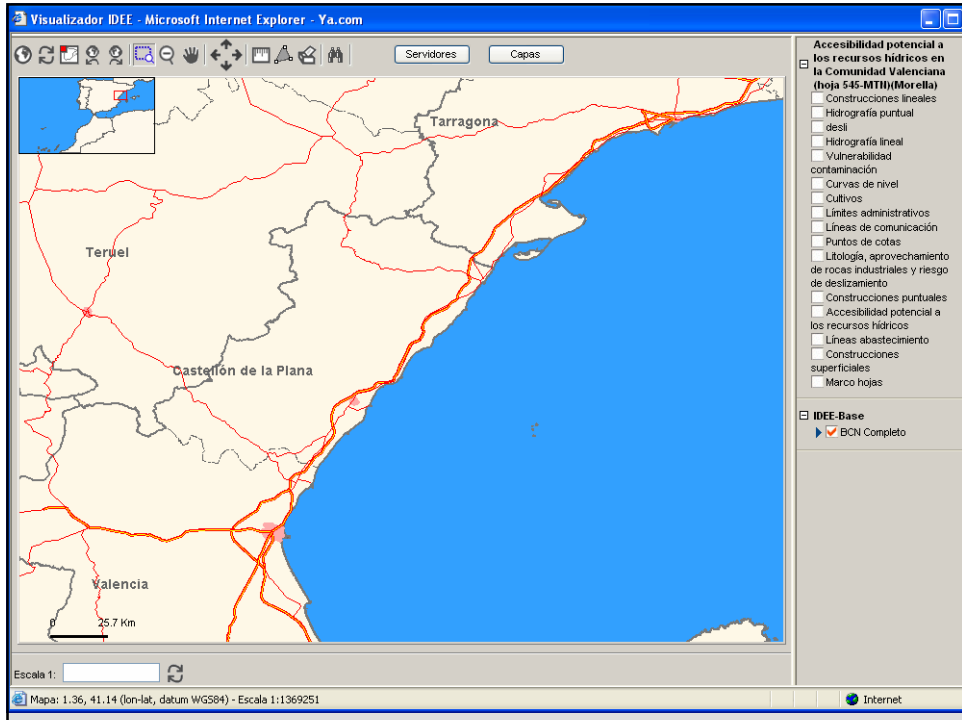
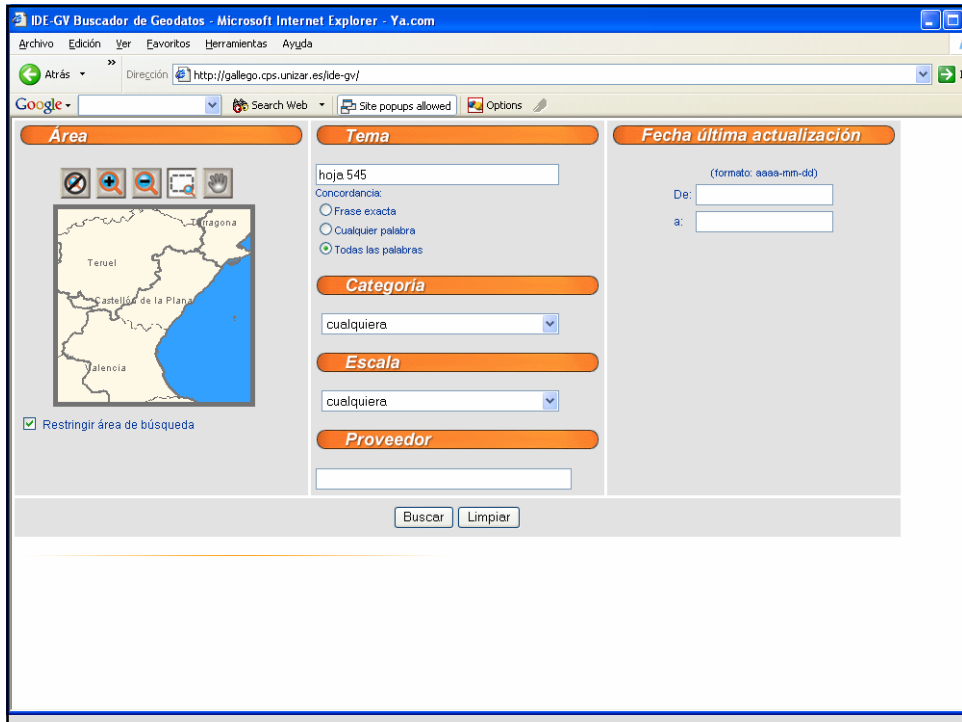


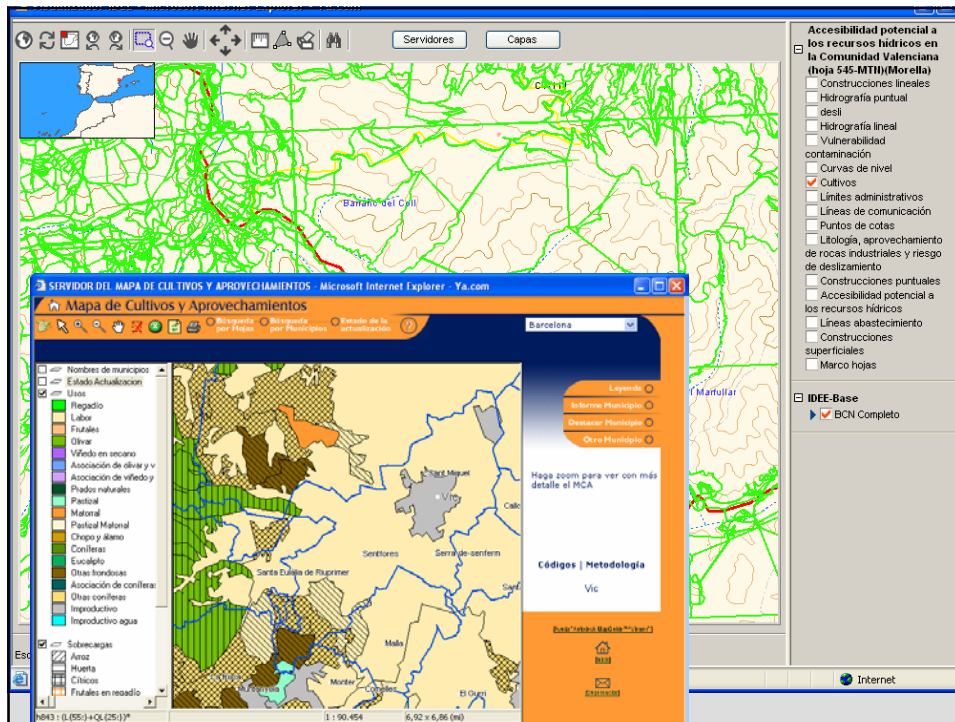
- MapGuide™ TIGER Map Server EnviroMapper Internet Map Server
- STAR Next Surf GLOBE Visualization ELVIS Orthophoto Browser
- Spatial Web Broker NetGIS OGD I PARC Map Viewer GIS Viewer
- ModelServer Imager GeoMedia™ WebMap CARIS Internet Server
- MapObjects IMS MapXtreme™ Mapquest Internet TerraServer

OGC Web Mapping Testbed (WMT)









Spain National SDI: IDEE

- Following INSPIRE guidelines
 - Including adoption of international standards
- Becoming reality
 - Geoportal in 5 languages
 - 9 map servers interoperating
 - Several Working Groups, defining guidelines as per Inspire
- Creating an international position
 - Integrated in GSDI, European (Inspire) Geoportal
 - 2004 June 23/25: 10^o EC-GIS Workshop “SDE: the state of the art”
 - IDEE: only *on-line demonstration...working!*
 - 2004 December: *Call for Tender CE “Pilot project INSPIRE 2005-06”*
 - Awarded to consortium of IFN-Fr, UNIZAR, CNIG-IGN “SDIGER: An SDI for the Ebro and Adour-Garonne basins, for WFD”



Role of the IDEE

- IDEE organizes the creation and linking of sub-national SDIs
- IDEE does not intend to centralize everything
 - Partial exception: data catalog

What is still needed

- Better/more information, outreach, training about what the standards are, and how to use them
- More planning with standards, instead of trying to add them later on...
- More national consensus on access rules, licensing, pricing
- SDI=consensus for access and sharing

Success story

- IDEC: SDI of region of Catalunya
- Planned for use of standards from the beginning
- Utilized OGC to help design the SDI
- Now reaping the fruits of their labour!
- Jordi....