

Usted está aquí :



Pioneros en la preservación de datos geográficos

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Universidad de Barcelona – Anita E. Locher
Jornades del ICC / 16 de enero de 2014

Contenido



1. El punto de vista de los archivistas
2. Contexto
 - Los actores
 - El caso del Reino Unido
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Punto de vista de los archivistas



Definición:

Preservación digital = Motivación duradera +
Seguridad informática + Documentación
semántica + Gestión constante

=> datos accesibles y entendibles para futuros
usuarios.



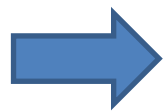
≠ Digitalizar ≠ Copia de seguridad

Contexto

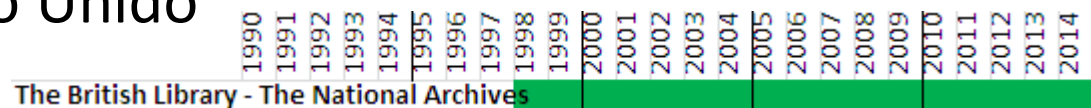
Los actores



- **Productores de geodatos** que reconocen el valor científico y administrativo de sus datos.
- **Archivos** reciben geodatos por obligación legal para documentar la historia.
- **Bibliotecas** que adquieren geodatos para sus usuarios actuales y futuros según su política de colección.



El caso del Reino Unido



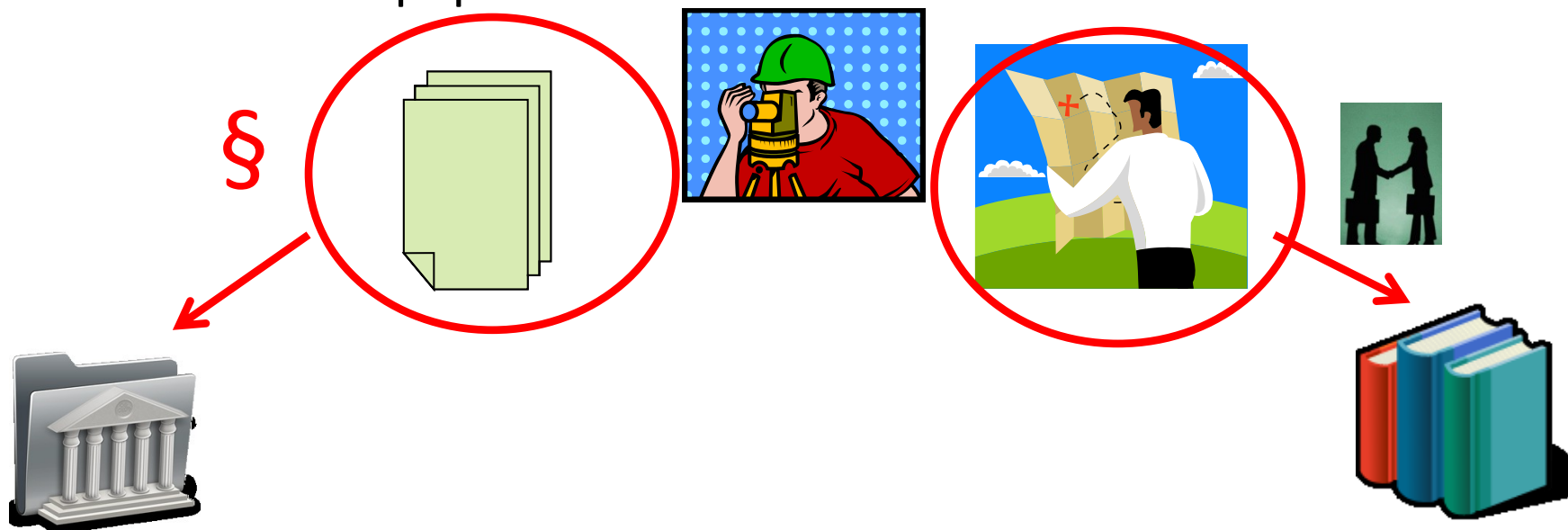
Contexto

El caso del Reino Unido



The National Archives (TNA), British Library (BL) y Ordnance Survey (OS)

En un mundo en papel



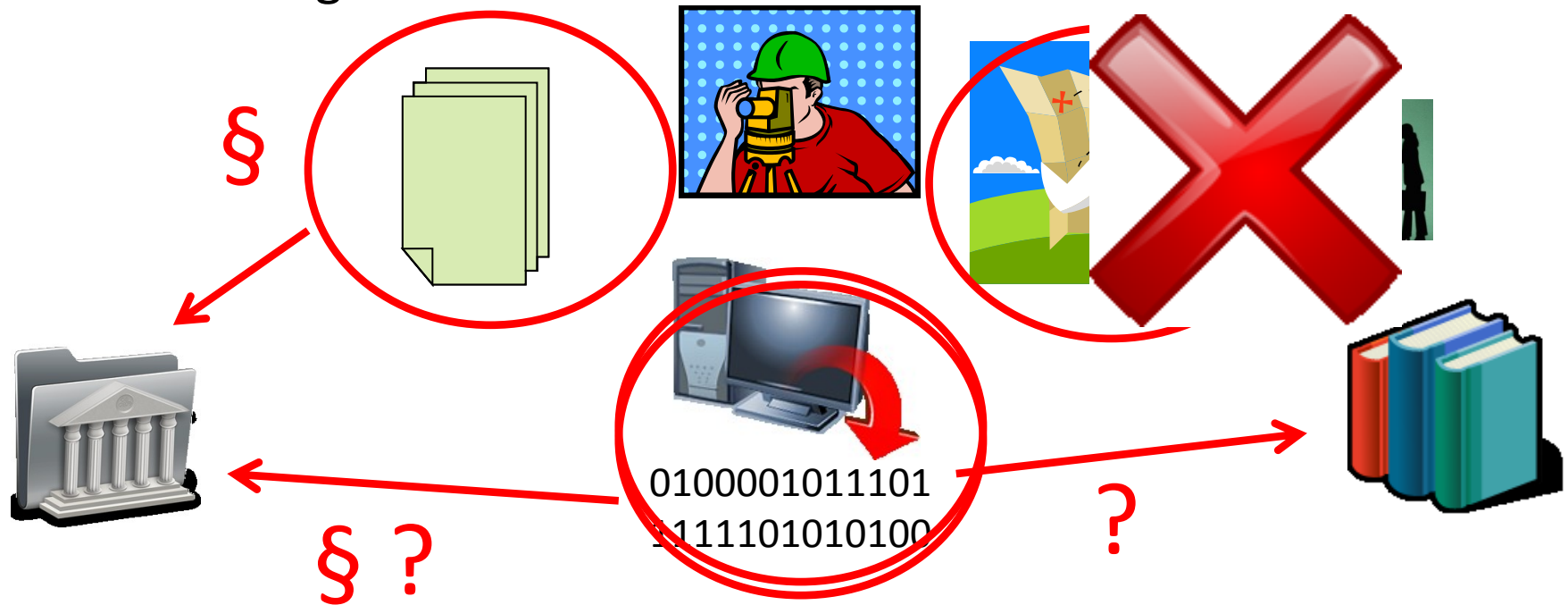
Contexto

El caso del Reino Unido



The National Archives (TNA), British Library (BL) y Ordnance Survey (OS)

Producción digital



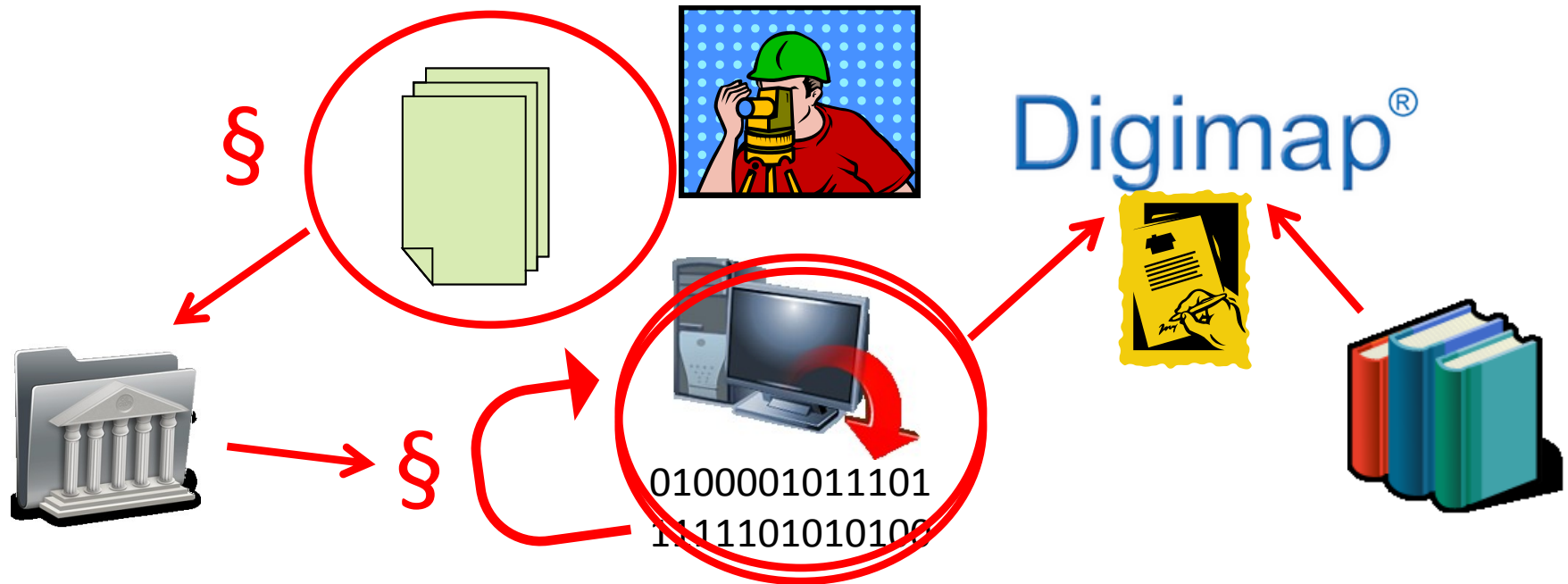
Contexto

El caso del Reino Unido



The National Archives (TNA), British Library (BL) y Ordnance Survey (OS)

La solución



¿Por qué preservar?

La importancia de la motivación



Para acordarnos:

Preservación digital = **Motivación duradera** +
Seguridad informática + Documentación semántica
+ Gestión constante










- Obligación legal
- Motivación institucional (misión)
- Motivación económica
- Motivación administrativa
- Motivación científica

¿Por qué preservar?



¿Motivación para archivar geodatos?

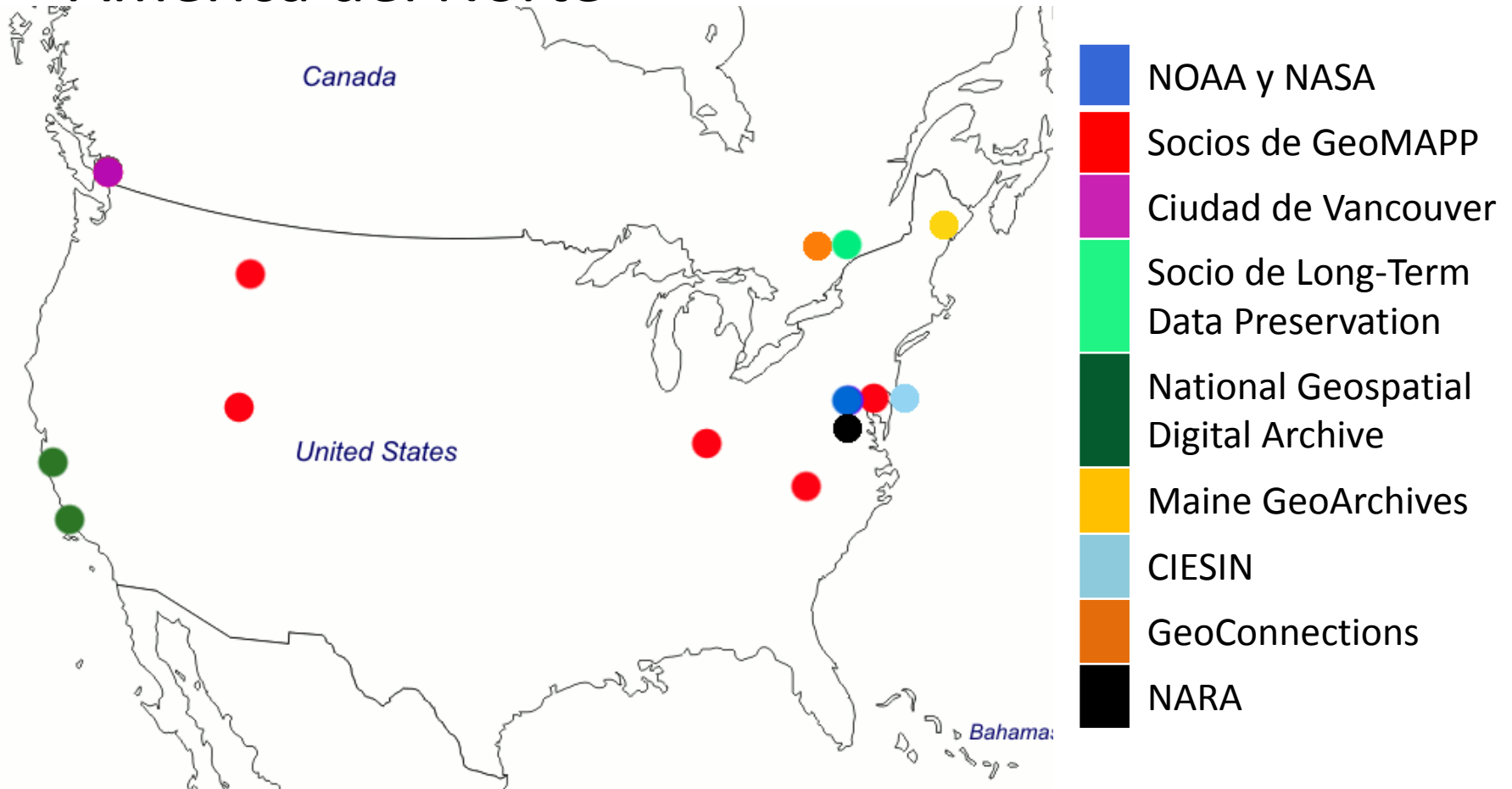
Resultados de una encuesta en las administraciones públicas locales de Carolina del Norte (2009):

- Creación de mapas históricos (36%) ->  
- Política o ley de archivos (28%) -> 
- Análisis de cambios (25%) ->  
- Política de tecnología de la información (24%) -> 
- Normas de la administración de impuestos (22%) ->  
- Percibido como “buena práctica” en SIG -> 

Los pioneros



América del Norte

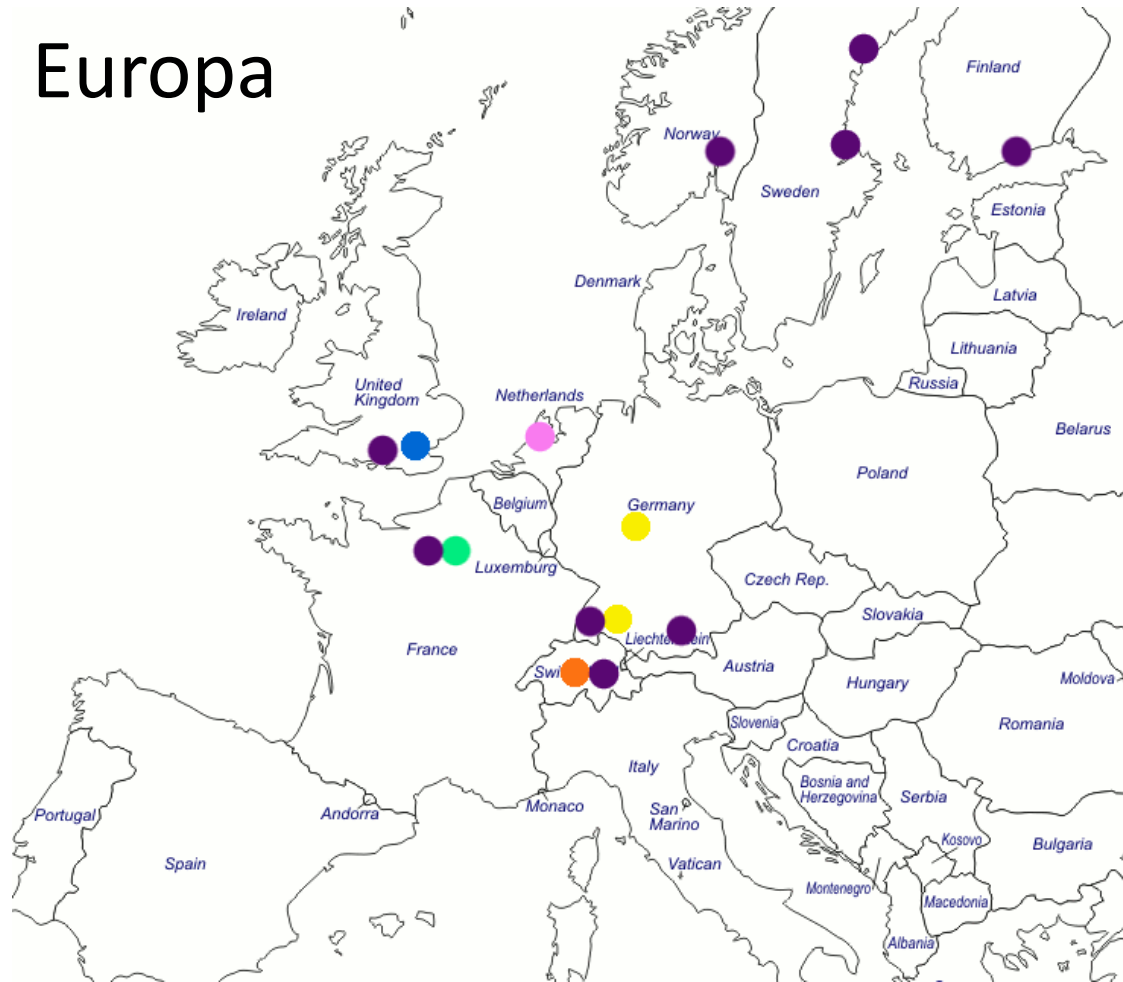


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Los pioneros

Europa



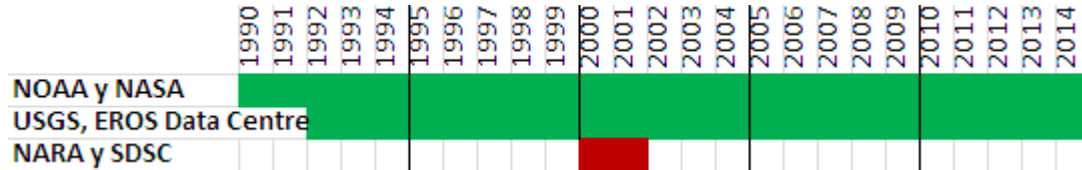
Lista no exhaustiva

- Ordnance Survey / TNA
- DANS archivo de datos
- Proyecto Elipse
- Socio de LTDP
- Baden-Württemberg y Hessen
- Socios de EuroSDR

Internacional

- Open Geospatial Consortium, OGC

NOAA y NASA



Administración Oceanográfica y Atmosférica NOAA y la Administración Aeronáutica NASA (USA)

NOAA HOME WEATHER OCEANS FISHERIES CHARTING SATELLITES CLIMATE RESEARCH COASTS CAREERS

NOAA COMPREHENSIVE LARGE ARRAY-DATA STEWARDSHIP SYSTEM (CLASS)
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

» CLASS Home » Login » Register » Help » About CLASS » **RSS** CLASS Help All NOAA SEARCH

Please select a product to search **GO**

Around CLASS

- » Home
- » Search for Data
- » Upload Search
- » Search Results
- » Shopping Cart
- » Order Status
- » Help
- User Account
 - » User Profile
 - » User Preferences
- Advanced Options
 - » Download Keys
- Release Info
 - » Version 6.2.6 January 13, 2014
- Other Links
 - » CLASS Home
 - » NODC
 - » NCDC
 - » NGDC
 - » NESDIS
 - » NOAA
 - » DOC

Hurricane Katrina
GOES 08/28/05

NEWS

Attention SST users:
Under the product listing "GOESSST", the data type "Blended SST 11-km Daily Products" has been retired on October 21, 2013. Please use the Blended SST 5-km Daily and Night Products from there on.

Attention Suomi NPP Users:
The most recent global NPP operational products are now available in daily tar files for quick and easy downloads at: <http://ftp-npp.class.ngdc.noaa.gov/>. Please see the [NPP help page](#) for instructions. Up to the most recent 85 days of data will be available for direct online access.

Attention CORS users (07/2013):
The National Geodetic Survey's CORS data archived at the National Geophysical Data Center has been transitioned into CLASS. The data collections include RINEX since 1994 and raw GPS from selected CORS sites since 2004. The original at-sampling rate was retained except where there was only the 30-second decimated rate data. For more info see the CORS CLASS search page.

Suomi NPP data access status (12/16/13):
Below is a list of S-NPP products released to the public and now available through CLASS. The complete list of products along with the begin dates of product availability are located on the [Suomi NPP FAQ](#) page. The remaining NPP products will be released to the user community over a time frame of several months. Please note that all newly released products are at 'Beta' maturity level as defined in the [Product Maturity Level](#) page. Details of high priority

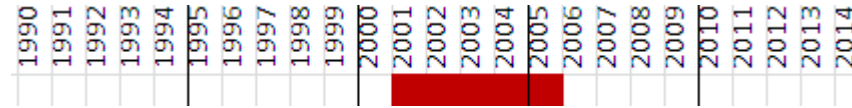
SEARCH FOR DATA

- Environmental Data from Polar-orbiting Satellites
- Environmental Data from Geostationary Satellites
- Defense Meteorological Satellite Program (DMSP)
- Suomi National Polar-orbiting Partnership (NPP)
- Sea Surface Temperature data (SST)
- RADARSAT
- Altimetry / Sea Surface Height Data (JASON-2)
- Global Navigation Satellite Systems (GNSS)
- Other - Miscellaneous products in CLASS

SEARCH COLLECTION METADATA **GO**

<http://www.class.ngdc.noaa.gov/>

GeoConnections



GeoConnections (Canadá)

Government of Canada / Gouvernement du Canada | Canada.gc.ca | Services | Departments | Français

Natural Resources Canada

Canada

Energy | Mining/Materials | Forests | Earth Sciences | Hazards | Explosives | The North | Environment

Home > Earth Sciences > Geomatics > Canada's Spatial Data Infrastructure > GeoConnections

GeoConnections

GeoConnections is a national partnership initiative led by Natural Resources Canada designed to facilitate access to and use of geospatial information in Canada through the development, integration and use of the **Canadian Geospatial Data Infrastructure (CGDI)**.

The CGDI is an on-line resource that improves the sharing, access and use of geospatial information – information tied to geographic locations in Canada. It helps decision-makers from all levels of government, the private sector, non-government organizations and academia make better decisions on social, economic and environmental priorities.

The infrastructure itself consists of data, standards, policies, technologies and partnerships that are in place to allow the sharing and visualization of information on the Internet.

Latest announcements:

Canada Lands Surveys
Geodetic Reference Systems
Satellite Imagery and Air Photos
Canada's Spatial Data Infrastructure
CGDI Initiatives
Geospatial Communities and the Canadian GeoSecretariat
Geospatial Standards and Operational Policies
CGDI Resource Centre
GeoConnections



VanMap (Canada)

1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	



Areas of the city ▼

Geographical search



Green Vancouver

Your Government

News, Calendar

Parks, Recreation, and Culture

Home, Property, and Development

People and Programs

Streets and Transportation

Doing Business

Home > Your Government > Get government information > VanMap

Your Government

- ▶ Vancouver City Council
- ▶ Vancouver Board of Parks and Recreation
- ▶ Citizen involvement
- ▲ Get government information
 - ▶ Bylaws
 - ▶ Vancouver's most referenced bylaws
 - The Vancouver Charter
 - ▶ Released information
 - ▶ Freedom of Information
 - Open Data catalogue
 - VanMap**
 - ▶ Budgets and finances
 - Expense reports from elected officials

VanMap

VanMap is a Web-based application that lets you view data about Vancouver in map form.

The City's GIS (Geographical Information Systems) department gathers information and data from a variety of sources, and constructs detailed map layers for you to view, save, and print out.

VanMap is a large part of the City's overall open map strategy, along with Google maps for day-to-day user views.

VanMap's features

Need zoning, sewer, or street information for building or renovating? Thinking of moving and not sure where the schools are located? Trying to remember exactly where that great looking park is located? VanMap can show you.

There are dozens of features you can turn on and off with the click of a button in VanMap. For example, you can view:

- Property lines



Ask. Tell. Connect.

Phone 3-1-1

Outside Vancouver:
604-873-7000

Speak your own language

9-1-1 **7-1-1**
Emergencies **TTY**

More ways to contact us →

Contact VanMap

vanmap@vancouver.ca

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Maine GeoArchives



1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

Maine GeoArchives (USA)

Maine.gov Agencies | Online Services | Help Page Tools GO State Search: GO

Maine IS Technology

A Publication Featuring The Information Services Technology of Maine State Government

Volume VII, Issue 9

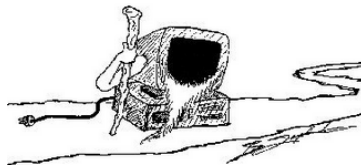
September 2004



[PDF Version](#)

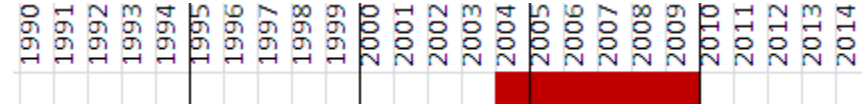
GeoArchives Project

By State Archivist [Jim Henderson](#)



After nearly 20 years of State agencies collecting data in Geographic Information Systems (GIS), we realized that Maine citizens were in danger of losing access to this information, since there were no standards governing retention. Access could also be lost due to the relentless changes in technology (remember 5 1/4" floppy discs?), if the data were not migrated when systems were upgraded. Saving paper maps would not address this problem. A new system is needed to "retire", instead of "delete" archivally valuable GIS data, in an automated, non-intrusive (to daily work) and standardized way.


National Geospatial Digital Archives



NGDA (USA)

The National Geospatial Digital Archive

A Collaborative Initiative



- Home
- Research
- Reports
- Contact Us
- Federation Members
- Project Archive

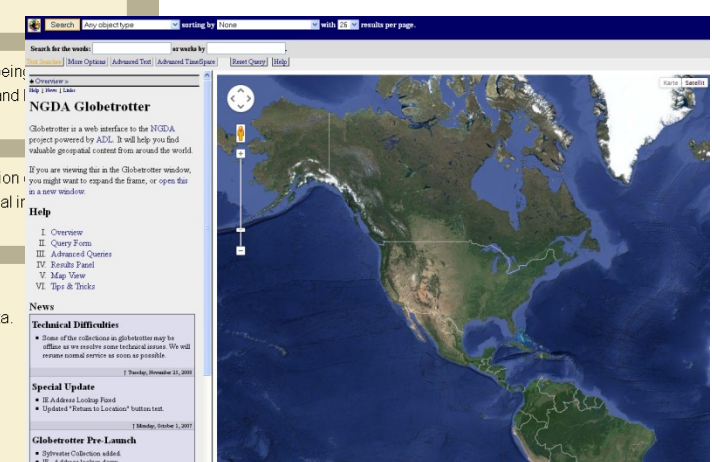
From the first colonial maps to the satellite imagery of the 21st century, cartographic information has helped define and frame our view of the United States. Geospatial imagery is now a critical tool for state and federal researchers pursuing greater understandings of complex matters including: Disaster Relief, Census Data, and Land Use Management.

Concerned that millions of nationally important digital information resources are in danger of being corrupted, the Library of Congress has formed The National Digital Information Infrastructure and Program (NDIIPP).

As partners in the project the university libraries of UCSB and Stanford are leading the formation National Geospatial Digital Archive (NGDA), a collecting network for the archiving of geospatial information data.

The Objectives of the Project:

- Create a new national federated network committed to archiving geospatial imagery and data.
- Investigate the proper and optimal roles of such a federated archive.
- Collect and archive major segments of at-risk digital geospatial data and images.
- Develop best practices for the presentation of archived digital geospatial data.
- Develop partner communication mechanisms for the project and then ongoing.



NGDA Globetrotter

Globetrotter is a web interface to the NGDA project powered by ADL. It will help you find valuable geospatial content from around the world.

If you are viewing this in the Globetrotter window, you might want to expand the frame, or open this in a new window.

Help

- I. Overview
- II. Query From
- III. Advanced Queries
- IV. Results Panel
- V. Map View
- VI. Tips & Tricks

News

Technical Difficulties

- Some of the collections in globetrotter may be offline as we resolve some technical issues. We will restore normal service as soon as possible.

Special Update

- IF Address Lookup Fixed
- Updated "Plots to Locations" button text.

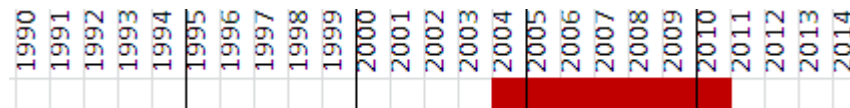
Globetrotter Pre-Launch

- Hydrate Collection added.
- IF Address lookup done.

<http://clients.alexandria.ucsb.edu/globetrotter/>

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North Carolina Geospatial Data Archiving Project



NCGDAP (USA)

North Carolina Geospatial Data Archiving Project **NCGDAP**

Project Introduction

The North Carolina Geospatial Data Archiving Project ran from October 2004 to February 2010. The joint project of the North Carolina State University Libraries and the North Carolina Center for Geographic Information and Analysis focused on collection and preservation of digital geospatial data resources from state and local government agencies in North Carolina.

The objectives of the project included:

- Identification of available resources through the NC OneMap data inventory
- Acquisition of at risk geospatial data, including static data such as digital orthophotos as well time series data such as local land records and assessment data
- Development of a digital repository architecture for geospatial data, using open source software tools such as DSpace
- Enhancement of existing geospatial metadata with additional preservation metadata
- Investigation of automated identification and capture of data resources using emerging OpenGeospatial Consortium specifications for client interaction with data on remote servers
- Development of a model for data archiving and time series development

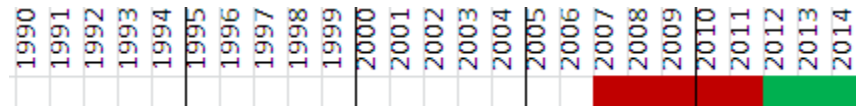
The work initially started in North Carolina with NCGDAP is being continued by the GeoMAPP (Geospatial Multistate Archive and Preservation Partnership) effort, a partnership between the Library of Congress and state geospatial and archives staff from North Carolina, Kentucky and Utah. The partners include: the North Carolina Center for Geographic Information and Analysis (CGIA), North Carolina State Archives, North Carolina State University Libraries, Kentucky Department for Libraries and Archives (KDLA), Kentucky Division of Geographic Information (DGI), Utah Division of Archives, Utah Automated Geographic Reference Center (AGRC), and Montana State Library.

NDIIPP: Brief Introduction

In December 2000, Congress authorized the Library of Congress to develop and execute a congressionally approved plan for a National Digital Information Infrastructure and Preservation Program. A \$99.8 million congressional appropriation was made to establish the program. The goal is to build a network throughout the country of committed partners working through a preservation architecture with defined roles and responsibilities. The complete text of the "Plan for the National Digital Information Infrastructure and Preservation Program" is available at www.digitalpreservation.gov. This includes an explanation of how the plan was developed, who the Library worked with to develop the plan and the key components of the digital preservation infrastructure. The plan was approved by Congress in December 2002. The Library of Congress is the largest library in the world. Through its National Digital Library (NDL) Program, it is also one of the leading providers of noncommercial intellectual content on the Internet (www.loc.gov). The NDL Program's flagship American Memory project, in collaboration with other institutions nationwide, makes freely available more than 9 million American historical items.

NCSU Libraries | Digital Library Initiatives | Disability Services | NC State University

Geospatial Multistate Archive + Preservation Partnership



GeoMAPP (USA)



[Home](#) / [Partners](#) / [Informational Partners](#) / [Geochiving Glossary](#) / [Research Topics](#) / [Project Docs](#) / [Presentations](#) / [Publications & Tools](#) / [Other Resources](#) / [Contact Us](#)

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About the Project

Project Summary

The GeoMAPP effort aimed to address the preservation of "at risk" and temporally significant digital geospatial content. Geospatial data layers containing information about land parcels, zoning, roads, and jurisdictional boundaries change regularly. Existing copies of these data are often at risk of being overwritten when updates or changes are made and these superseded snapshots of data are then lost for future use and analysis.

In March 2010, the GeoMAPP team released an interim report detailing the project's accomplishments from 2007-2009. Access the report here: [GeoMAPP Interim Report: 2007-2009](#).

In December, 2011 the GeoMAPP grant and project concluded, and the GeoMAPP team released its final report summarizing the project's accomplishments from 2007-2011, specifically focusing on the second phase of the project from 2010-2011. Access the report here: [GeoMAPP Final Report: 2007-2011](#).

Project Objectives

- Explore advanced methods to provide access to and ensure the long term preservation of archived geospatial content.
- Develop business planning tools and documentation to support the creation of materials to solicit or maintain sustainable funding for geochiving programs.
- Continue outreach to local, state, and federal geospatial data creators and national GIS and archives bodies and industry to highlight the issues of data preservation.
- Continue documenting best practices and lessons learned from technical explorations and outreach efforts.

Project Partners

GeoMAPP was a partnership between the Library of Congress and state geospatial and archives staff from North Carolina, Kentucky, Montana, and Utah. For more information about the project partners, click on the [Partners](#) link to the left.

GeoMAPP Quarterly Newsletter

Sign up for the [GeoMAPP quarterly newsletter](#).

View the [GeoMAPP Newsletter archives](#).

GeoMAPP Brochure (2011)

Download the **new 2011** GeoMAPP brochure describing the importance and challenges for preserving geospatial content, and listing tools developed by the GeoMAPP team to address these challenges: [Preserving America's Geospatial Footprints](#)

What's New

[GeoMAPP Final Report: 2007-2011](#)

[GeoMAPP Key Findings and Best Practices](#)

New GeoMAPP White Papers

[Geochiving Business Planning Toolkit](#)

[Best Practices for Geospatial Data Transfer for Digital Preservation](#)

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CIESIN

Proyecto GER – geopreservation.org



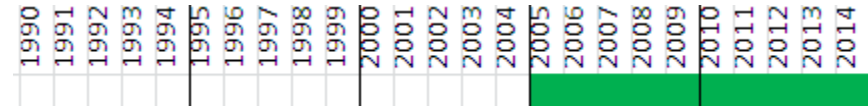
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
CIESIN - GER -																									
geopreservation.org																									

Geospatial Electronic Records, GER y geopreservation.org (USA)

The screenshot shows the homepage of the Geospatial Electronic Records (GER) website. It features a navigation menu with sections like 'RESOURCES', 'BIBLIOGRAPHIC REFERENCES', 'ABOUT THIS PROJECT', and 'CONTACT US'. The 'RESOURCES' section lists various topics such as 'Relevant Standards', 'Digital Preservation and Electronic Records Management', and 'Metadata'. The main content area includes a globe icon and a welcome message: 'Welcome to the Geospatial Electronic Records web site, which serves as a portal to resources on managing and preserving geospatial data and related electronic records. The web site is intended for communities of archivists, geospatial data librarians, developers and others who share an interest in geospatial data management and preservation. Links provide access to categories of resources that are accessible online and include references to relevant standards, guides, reports, programs, societies, and initiatives.'

The screenshot shows the homepage of the Geospatial Data Preservation website. It features a navigation menu with sections like 'ABOUT | FAQ | CONTRIBUTE'. The main content area includes a globe icon and the title 'Geospatial Data Preservation'. Below the title, there are several featured resources and links. A 'Featured Resource' section highlights 'Geospatial Data Transfer, Archival Data Transfer, Validation and Dataset Functional Verification [Web]'. A 'Featured Practice' section highlights 'Format Descriptions for Geospatial Data'. A 'Featured Website' section highlights 'Geospatial Multistate Archive and Preservation Partnership (GeoMAPP)'. The page also includes a search bar and several navigation buttons for 'EDUCATION & TRAINING', 'TOOLS & SOFTWARE', 'POLICIES & BENEFITS', 'BROWSE BY TOPIC', 'BROWSE BY TYPE', and 'ADVANCED SEARCH'.

Data Archiving and Networks Service



DANS (Países Bajos)

Data Archiving and Networked Services

DANS

Home | Browse | Advanced search

Register or Log in

Search ?

New deposit

Welcome to EASY

EASY is the online archiving system of [Data Archiving and Networked Services \(DANS\)](#). EASY offers you access to thousands of datasets in the humanities, the social sciences and other disciplines. EASY can also be used for the online depositing of research data.

Finding data

You can start your search for data in EASY at the top of this page by typing a search term in the search box, or by using the 'Browse' or the 'Advanced search' button.

The collection includes datasets from the Humanities, e.g. [History](#) and [Archaeology](#), [Social and behavioural sciences](#), and [Geospatial sciences](#). Data and documentation files are available for downloading free of charge for registered users. If you don't have an account yet, please register yourself first. In a number of cases, permission from the depositor is required before you can download the datafiles. You'll find more information on finding data on the [DANS website](#).

If you have any questions regarding finding or depositing data, please use the contact form on the [Help and support page](#).

Depositing data

You can deposit your research data securely online in EASY by clicking the button 'New deposit' at the upper right corner of this page. If you don't have an account yet, please register yourself first.

DANS stores the data in a permanent and sustainable manner, according to the guidelines of the international Data Seal of Approval. The data will be made available to other researchers under the conditions you specified. See the general [Licence agreement](#) for more juridical information about depositing data at DANS. You'll find practical instructions on depositing data per discipline under 'New deposit', or on the [DANS website](#).

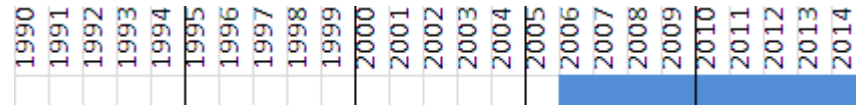
Using EASY | [Contact](#) | [Disclaimer](#) | [Legal information](#) | [Property rights statement](#) | [Data Seal of Approval for EASY](#)

Version: 2.7
Build date: 2013-07-01 16:26

<https://easy.dans.knaw.nl>

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European Space Agency + Long Term Data Preservation Working group



ESA y LTDP (Europa)



Ground Segment Coordination Body

LTDP Long Term Data Preservation

15-Jan-2014

- ← GSCB Home
- About GSCB
- Represented Missions
- Represented Ground Segments
- GSCB in GMES and GEOSS
- Work Plan
- Workshops
 - » 2007
 - » 2009
 - » 2012
- Heterogeneous Missions Accessibility (HMA)
 - Introduction and Objectives
 - HMA Standards
- Long Term Data Preservation**
 - Introduction and Objectives
 - LTDP video: The need and challenges [wmv]
 - European LTDP Framework [pdf]
 - European Data Set [pdf]
 - European LTDP Common Guidelines [pdf]
 - Preserved Data Set Composition [pdf]

Long Term Data Preservation Introduction and Objectives

The need for accessing historical Earth Observation (EO) data series strongly increased in the last ten years, mainly for long term science and environmental monitoring applications. This trend is likely to increase even more in the future in particular for the growing interest on global change monitoring which is driving users to request time-series of data spanning 20 years and more, and due also to the need to support the United Nations Framework Convention on Climate Change (UNFCCC).

Content of EO data archives is extending from a few years to decades and therefore their value as a scientific time-series is continuously increasing. Hence there is a strong need to preserve the EO space data without time constraints and to keep them accessible and exploitable. The preservation of EO space data can be also considered as a responsibility of the Space Agencies or data owners as they constitute a humankind asset.

The large amount of new Earth Observation missions upcoming in the next years will moreover lead to a major increase of EO space data volumes. This fact, together with the increased demands from the user community, marks a challenge for Earth Observation satellite operators, Space Agencies and EO space data providers regarding coherent data preservation and optimum availability and accessibility of the different data products. Traditionally in Europe (including Canada), there has been poor cooperation in this field with no common approach for long term preservation and access to EO space data even if cooperation and sharing are key aspects to be pursued for the benefit of the user community.

A cooperative and harmonized collective approach on Long Term Data Preservation (LTDP) in Europe (i.e. a European EO LTDP Framework) is needed to coordinate and optimize European efforts in the LTDP field and to ultimately result in the preservation of the complete European EO space data set for the benefit of all European countries and users and with a reduction of overall costs.

Main goals of the European EO Long Term Data Preservation Framework are to:

- + Preserve the European, and Canadian, EO space data sets for an unlimited time-span.
- + Ensure and facilitate the accessibility and usability of the preserved data sets respecting the individual entities' applicable data policies.

News

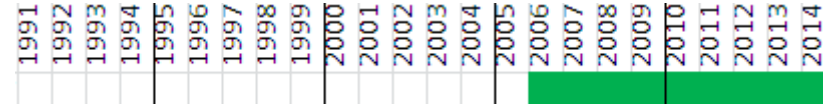
- European Data Set (PDF) Issue 2.0 now available
- 2nd LTDP Workshop: 30-31 May 2011 at ESRIN
- LTDP Technical web site now available
- European LTDP Common Guidelines Issue 2.0 now available
- Preserved Data Set Composition (PDF)
- FIRST User Requirement Document (PDF)
- LTDP video: The need and challenges**



Capitalize on the past for future needs

Pioneros en la preservación de datos geográficos/ A. E. Locher
University of Barcelona

Land de Baden-Württemberg



Baden-Württemberg (Alemania)

The screenshot shows the website interface for the Baden-Württemberg State Archives. At the top, there is a navigation bar with the logo and name 'LANDESARCHIV BADEN-WÜRTTEMBERG', search and utility links, and the state coat of arms. Below this is a main menu with categories like 'Aktuelles', 'Landesarchiv', 'Nutzung', 'Landesgeschichte', 'Behördenbetreuung', and 'Bestände & Bestellung'. On the left side, there is a sidebar with a 'Präsident' section and a list of 'Abteilungen' (departments) with corresponding color-coded icons. The main content area features several featured items: a 'Dauerausstellung' (permanent exhibition) titled 'Hanns Johst: Der Einsame, Erstaufführung 1936' with a photograph of a woman at a desk; a 'Fotografie' section titled 'Die Fotbestände des Landesarchivs' with a 'mehr...' link; and a 'Landeskunde' section titled 'LEO-BW - Landeskunde entdecken online' with a 'mehr...' link. Below these are 'Termine & aktuelle Hinweise' (events and notices) with dates and descriptions of events like 'Orts- und Familienforschung' and 'Historische Handschriften lesen'. Further down, there are sections for 'Archivale des Monats Januar 2014' (featuring a 'Feldpostkarte aus dem Kriegswinter 1916') and 'Alpen unter Strom - L'energia delle Alpi' (featuring an 'Internationale Wanderausstellung'). At the bottom, there are two more sections: 'Zeitgeschichte, Archive und Geheimchutz' (featuring 'Beiträge einer Sektion auf dem 49. Deutschen Historikertag 2012') and 'Gemeinsam digitale Karten sichern' (featuring 'Konzept zur Archivierung von Geobasisdaten').

Proyecto Ellipse



1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	

Proyecto Ellipse (Suiza)

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Federal Administration admin.ch
Federal Department of Home Affairs
Swiss Federal Archives

Deutsch | Français
Italiano | English

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Home > Topics > Digital Archiving > Archiving of Geodata [print version](#)

Archiving of Geodata

The Archiving Act (ArChA) and the Geoinformation Act (GeoIA) require federal administration geodata to be archived. The Federal Office of Topography (swisstopo) and the Swiss Federal Archives (SFA) are therefore developing a geodata archiving solution to implement the applicable legislation.

The main aims are as follows:

- To develop an integrated solution for all geodata of the federal administration
- To achieve a worthwhile enhancement of the long-term availability of geodata and of archiving
- To allow geoinformation to be restored and interpreted from archived geodata at a later date

Project Ellipse

Between January 2011 and March 2013, Project Ellipse developed a concept for archiving official geodata. It was approved by the SFA and swisstopo in mid-April 2013 and by the coordinating agency for federal geographical information (GCG) at the start of May, so that the implementation phase can now begin.

Divided into a number of process steps (*production - geodata management - conservation and archiving planning - acquisition (to the archive) - conservation - use*), it sets out principles for the archiving of geodata. The emphasis was on collaboration with geodata producers (the responsible authorities as set out in Art. 8 para. 1 GeoIA) and archives (at federal level, the SFA). Under the geoinformation legislation, these institutions are jointly required to ensure the availability of geodata over time.

Search in the SFA

[advanced Search](#)

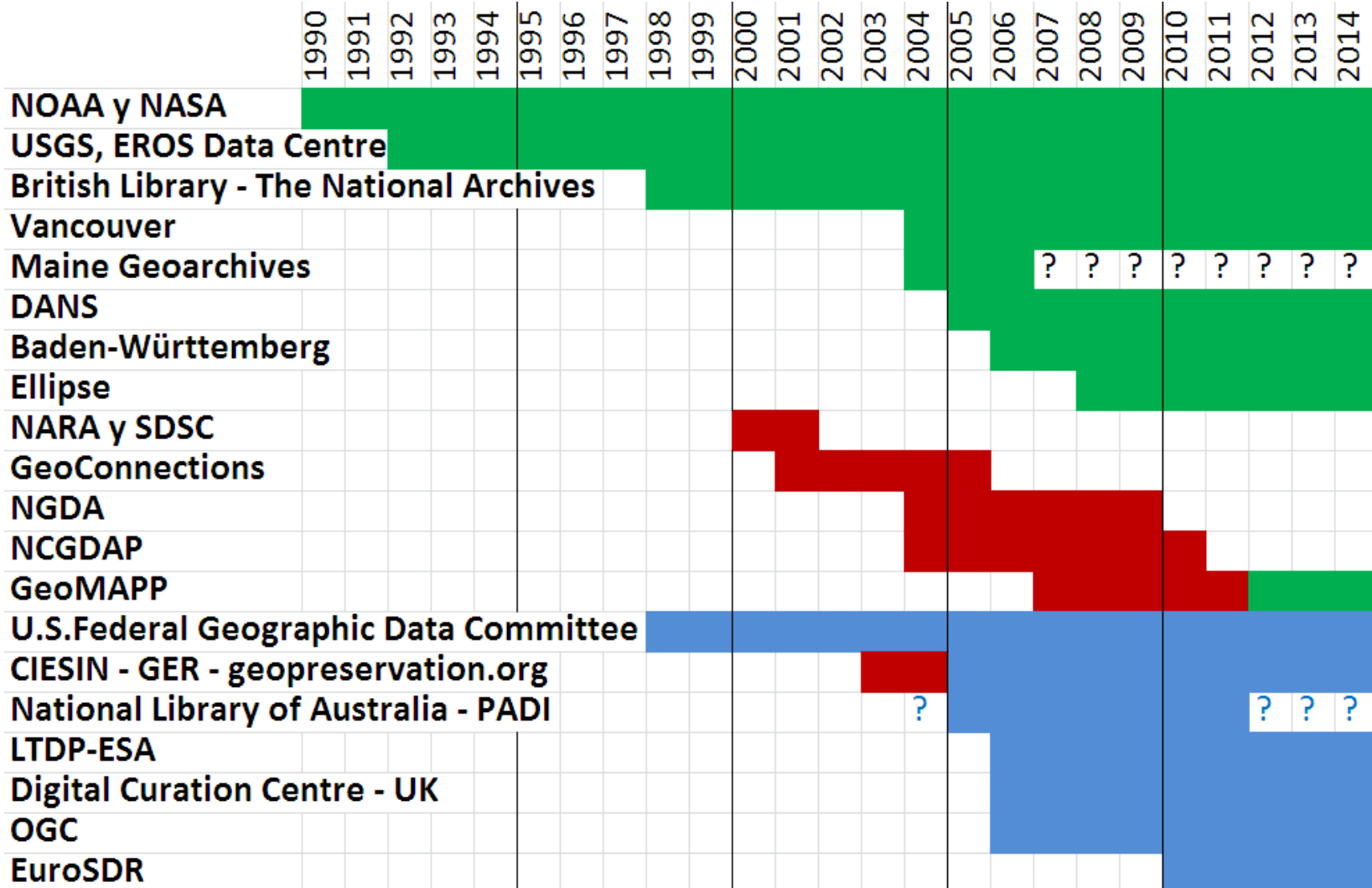
Dokumentation

- [Concept report project Ellipse](#)
Concept for archiving federal administration geodata
23.09.2013 | 2444 kb | PDF
- [Interim report of the concept of the project Ellipse \(ger.\)](#)
Interim report Archiving of Geodata
29.03.2012 | 4034 kb | PDF
- [Preliminary study "Archiving of Geodata"](#)
A preliminary study by the SFA and swisstopo
28.03.2011 | 3083 kb | PDF
- [Geodaten fast für die Ewigkeit \(ger.\)](#)
Article in the journal of «eGov Präsenz» by K. Ohnesorge (BAR) and U. Gerber (swisstopo)
12.08.2010 | 145 kb | PDF

Frühere Veranstaltungen

- [23.03.2012: Die Zukunft der Vergangenheit](#) ⇨

Línea de tiempo



Pioneros en la preservación de datos geográficos/ A. E. Locher

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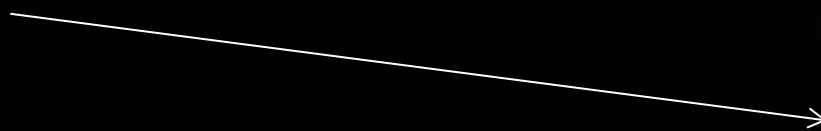
Discusión

Lo que ayuda y funciona



- Colaboración entre productores y centros de preservación
- Inventarios o registros – Saber los datos que se producen
- Infraestructura de intercambio de datos
- Obligación legal o motivación fuerte para la preservación que garantiza la financiación continua
- Inspirarse del Sistema de Información de Archivos Abierto OAIS (estándar ISO 14721:2012) – El estándar de auditoría Trusted Digital Repository (ISO 16363:2012) puede ayudar a crear un sistema compatible con OAIS
- Interoperabilidad y estándares de descripción y de calidad comunes
- Observación continua de los formatos de preservación
- Varias copias en tecnologías diferentes y en sitios geográficos distintos

Usted está aquí:



Gracias!

¿Preguntas?

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