



*NextData*



**Special project P3 - DATAGRALP**



DATAbase for reconstructing the spatial-temporal evolution of the Glacial Resource in the Italian ALPs over the last 100 years in the Framework of the NextData Project

P3 start date: June 2013

P3 end date: September 2015



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Participating units :

Unit 1 (CNR coordinating Institute): CNR-  
IRPI - Marta Chiarle

Unit 2 : CGI - Comitato Glaciologico  
Italiano (Italian Glaciological Committee) -  
Carlo Baroni

## Project deliverables:

1. An integrated system for the management of numerical, textual, iconographic and geographic data related to the Italian glaciers;
2. Thematic maps featuring the outlines of Italian glaciers updated to 2006;
3. Data sets of the values of the basic parameters of the considered glaciers for specific time periods (50s, 80s, 2006);
4. Data sets and graphs depicting trends in spatio-temporal variation of glacier front position;
5. Information levels to be made available to the Portal of the NextData Project;
6. Project final report, describing methods, activities and deliverables, including summary reports for decision makers, stakeholders and the general public, illustrating the recent (last 100 years) evolution of the glacial resource in the Italian Alps and scientific publications.

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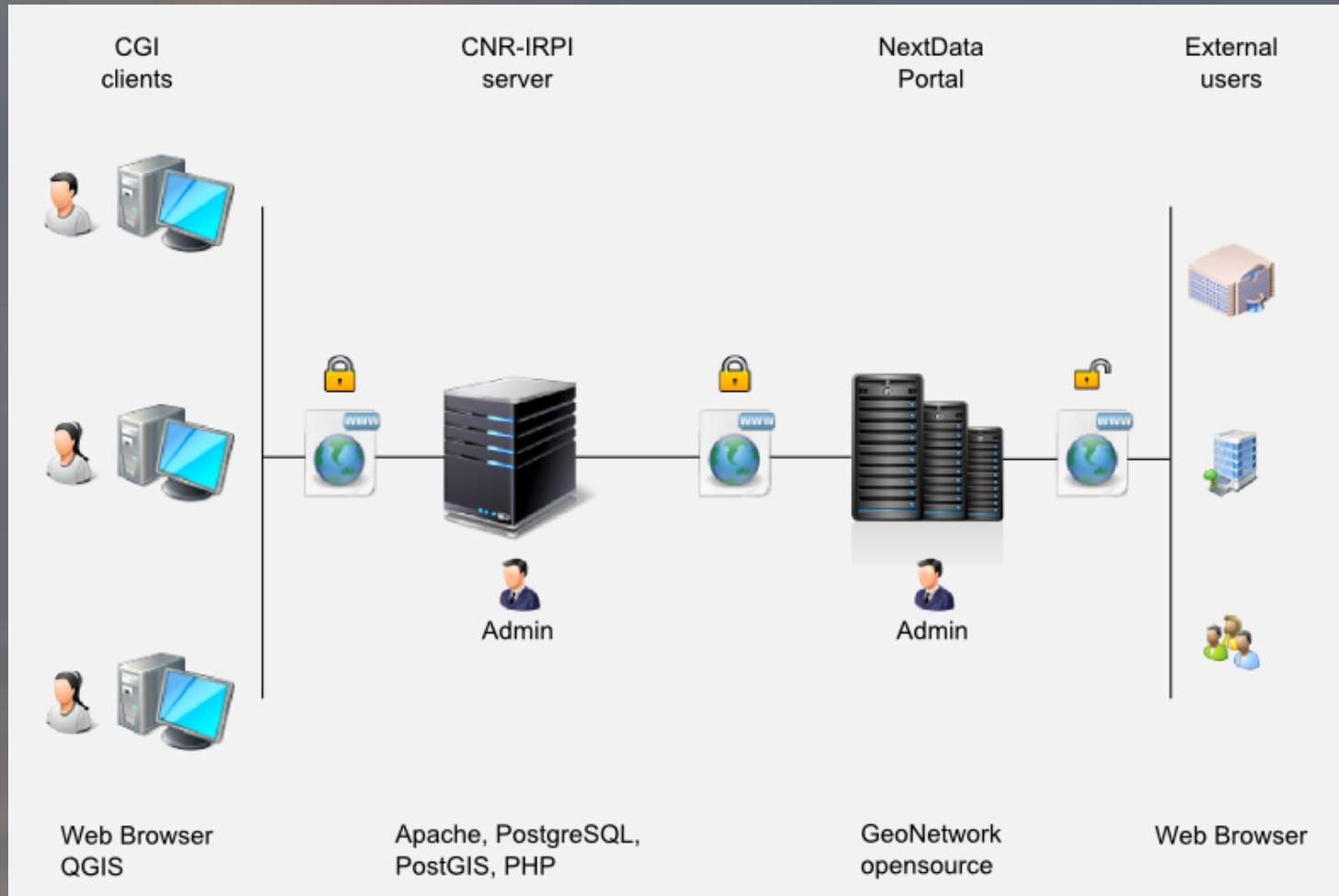


Figure 1 – Sketch map of the Integrated Information Management System.



The screenshot shows the home page of the DATAGRALP website. At the top, there is a dark blue banner with the NextData logo (a stylized 'A' and a globe) and the text 'NextData'. Below this is a white navigation bar with the IRPI logo on the left, the title 'Special project P3 - DATAGRALP' in the center, and the CGI 1895 logo on the right. A horizontal menu below the navigation bar contains links for 'Home', 'Main menù', 'Project', 'Info', 'Documentation', and 'User: guido (Logout)'. The main content area features a 'Welcome,' heading followed by two paragraphs of text describing the project's purpose and the system's capabilities. At the bottom, a footer bar contains the text 'Special Project P3-DATAGRALP (credits)' and the date '11-06-2013'.

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## Special project P3 - DATAGRALP

Home Main menù Project Info Documentation User: guido (Logout)

### Welcome,

This is the Integrated Information Management System web interface of the DATAGRALP research project: Database for reconstructing the spatial-temporal evolution of the Glacial Resource in the Italian ALPs over the last 100 years in the Framework of the NextData Project.

The System is a validated and reliable information base for quantitative modeling of glaciers response to climatic forcing, and can be a tool for further research projects on glacial/periglacial environments. The system is developed using free open source applications according to the GeoNetwork architecture, in coordination with the working group that will develop and manage the Portal of the NextData Project.

This is a beta testing version.

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Figure 2 – Home page of the website (<http://dbirpi.to.cnr.it/datagrulp/index.php>).



The screenshot shows the main menu of the NextData website. At the top, there is a dark blue banner with the NextData logo (a stylized 'A' and a globe) and the text 'NextData'. Below this is a white navigation bar with the IRPI logo on the left and the text 'Special project P3 - DATAGRALP' in the center. On the right of the navigation bar is the CGI 1895 logo. Below the navigation bar is a horizontal menu with the following items: Home, Main menù, Project, Info, Documentation, and User: guido (Logout). The main content area is titled 'Main menù' and is divided into two columns. The left column is titled 'DATA MANAGER' and contains two lists of links. The right column is titled 'SEARCH IN THE DATABASE' and contains one list of links. At the bottom of the page, there is a footer with the text 'Special Project P3-DATAGRALP (credits)' on the left and '11-06-2013' on the right.

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**Special project P3 - DATAGRALP**

Home    Main menù    Project    Info    Documentation    User: guido (Logout)

Main menù

**DATA MANAGER**

- Enter the morphological characteristics
- Enter snout distance
- Enter mass balance
- Enter a file attachment
  
- Modify the morphological characteristics
- Modify snout distance
- Modify mass balance
- Modify a file attachment

**SEARCH IN THE DATABASE**

- Glacier
- Snout distance
- Mass balance
- Glacier characteristics
  
- Administration login

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Figure 3 – Main menu of the website.



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