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Visitors and registered users

You've got a login/password that has been given to you for using one or several specific application of InGeoCloudS?

--> You are a **Registered User**

You didn't get a login and you're just consulting public data and maps without registration in to the portal?

--> You are a **Visitor**

Visitors and **registered users** can access InGeoCloudS Portal and benefit from data, maps and services made available by various Data Providers.

Registered Users are users of the platform that went through a registration process. In Pilot2, the registration is moderated by *Data Providers*: each *Data Provider* owns a group of users and is able to register and manage their user accounts through the InGeoCloudS Administration interface. A same user (same login) can pertain to several *Data Providers* groups.

Registered Users can thus be recognized by InGeoCloudS, and they can thus potentially exploit some services that are not made available to the anonymous web user. Examples could be personalization of user experience and privileged access to certain services (e.g. data download).

Public / Visitors designate all other types of users that browse the Portal without authentication/identification. In Pilot2, as it was the case in Pilot1, public users are allowed to access most of InGeoCloudS applications, maps, views and data without restrictions.

Visitors and Registered Users Documentation

This part of the documentation includes information on how any user can take advantage of the InGeoCloudS services. It will include usage guidelines on the following topics:

- **Default GIS Client.** How to use the functionality provided by the GIS client interface which is common among many of the InGeoCloudS applications.
- **Access to geo-datasets.** How to search, view and download geo-data published through the GeoPublication Service.
- **Provider's Applications / Services.** For each application / service that is made available through the InGeoCloudS platform, documentation will be provided on what the service offers and how to use it. For Pilot 2, it includes the following services:
 - **Pesticides in GroudWater.** This application is about finding areas where there are high concentrations of pesticides in the groundwater. The user is able to search for specific pesticides and restrict the output to pesticides found at a certain depth interval and/or from certain geology (lithology or lithostratigraphy).
 - **Landslides Susceptibility Maps.** This application provides automatically produced susceptibility maps of triggering landslides due to rainfall forecast. Data is available to the user for viewing over a mapping interface and for downloading and re-using through the use of WMS and WFS services.
 - **ShakeMaps.** This application is about viewing and downloading shaking intensity distribution maps for important earthquakes. The application produces automatically a new shakemap dataset a few minutes after the earthquake. Data is available to the user for viewing over a mapping interface and for downloading and re-using through the use of WMS and WFS services. On demand calculation of shakemaps will also be possible.
 - **Ground Water Resources Management in Granular Aquifers.** This application provides a) water balance estimation and assessment, b) piezometric surface maps for dry and wet periods? piezo maps and c) hydro chemical maps, based on ground water resources data from both field measurements and chemical analyses in accredited laboratories.
 - **Active Landslide Inventory Mapping and Susceptibility Zoning.** This application provides an active inventory map of the occurred landslides updated when new events occur. The user can retrieve data concerning the landslides? characteristics as well as any information available for the region of occurrence. According to the landslides? occurrence percentage (landslides? density map) a division of the land into homogeneous areas can be produced. Additionally, users can select one or more specific parameters or characteristics and calculate the frequency of landslides accomplishing these criteria. Finally, the application will produce a susceptibility zoning map based on the landslides? density map and the analysis of generative causes.

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Links

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