WebGIS Viewer (The cartographic visualization subsystem)

The purpose of the cartographic visualization subsystem is to provide documentation, organization, search, preview, processing and downloading of the spatial data which are produced and utilized by the University of the Aegean, in the context of its educational, research and social function.

APPLICATION’S WORKING ENVIRONMENT

- The application is windows-based and the operations are performed by tools.

The application consists of a toolbar, the map area and the navigation tools (on the left side of the interface of the application):
The Toolbar consists of seven tools:

1. Spatial Bookmarks
2. Geoportal
3. Draw and Measure
4. Print
5. University Map Services
6. 3rd Party Map Services
7. Links
The tool involves spatial bookmarks, created at specific zoom and extent so that you can be able to navigate directly to a certain area. Also, the tool allows you to create and add your own spatial bookmarks.
Subproject 2: "Online Geographic Information System (webGIS)" of the Act: "Spatial Data Infrastructure of the University of Aegean"

Detailed manual of webGIS - for the users

‘GEOPORTAL’ TOOL

Search Tool of metadata elements from University’s Geoportal.
Tool for designing graphics and import textual comments on the map. If you select the 'Show Measurements', while designing graphics, you can see measuring information of your design such as length and area.
Printing tool for your maps. The printed map will have the same extent with the map shown in the application. In Layout Templates option specify the dimensions (A3, A4) and orientation (Portrait, Landscape) of the printing page. Additionally you can provide descriptive cartographic elements to your map such as Title, Author and Copyright.
Show / Hide tool of University’s Map Services. In addition, users can change the display order and determine the degree of transparency of map services.
Show / Hide tool of 3rd party’s Map Services. In addition, users can change the display order and determine the degree of transparency of map services.
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‘LINKS’ TOOL

Tool for access to documentation and other links (URL, PDF files, etc.) of the University.
The navigation tools are located in the left part of the application interface and provide a better experience when navigating to the map than using the mouse. The navigation tools are transparent when the cursor is not hovering over them.
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‘BASEMAPS’ TOOL

Located at the top right side of the application.

The tool allows you to easily change the cartographic Basemaps of the application. By clicking on a basemap icon, changes the Basemap in the map area.

The following Basemaps are provided:

- Topographic
- Satellite
- OpenStreetMap