

FAQ (Frequently Asked Questions)

GENERAL EVENT INFORMATION

Q) What is Digital Mapping? What is GIS? And what is Crowdmapping?

A) **Digital Mapping** refers to the use and production of geographic information to create digital maps and virtual images in the form of maps whose content can be inquiry and directed in a dynamic and interactive way by the user. The interaction between the Digital Map and the user can be done through dedicated software that is installed on your computer (desktop application) using the Web browser, commonly used for browsing, such as cloud platforms (web application).

For **GIS (Geographic Information System)** - or SIT (Sistemi Informativi Territoriali) according to the Italian acronym - means the system of management, analysis and visualization of geospatial data consisting on users, software / hardware, procedures, methods and tools that characterized the built environment (or platform) for sharing geographic information.

The term **Crowdmapping** is composed of the two words Crowd = Large number of people gathered together and Mapping = Map / Cartography and was introduced by the theme of emergency management (specifically during natural disasters) to publish information by the high amount of users in an area producing messages, information, images and video. This information allow the creation of Digital Map (primarily online and in real time) thanks to the application of smart phones and web platforms developed specifically for disaster management.

In this regard, the term **Crowdmapping** is used to highlight the participation of collective activities in producing Digital Map, not in particular to weather disaster events but to properly manage an emergency which is continuous and growing in our times: the need for management and sustainable development particularly in relation to environmental and socio-economic issues that impact our **world's cultural heritage**. The objective of this Open Call Crowdmapping Competition is, in fact, the creation of a Digital Map of all the UNESCO sites in Italy and abroad, indicating in particular the **environmental, historical, cultural value and beauty** characteristics of the site and the **potential risks** that challenge the integrity and preservation of the our world heritage, including content from social network.

Q) What is the Crowdmapping Competition? How can I participate?

A) The **Crowdmapping Competition** intends to provide an additional motivation to the participants to explore, learn and have fun producing Digital Maps. The invitation call is open for all international scientific community, students and professionals from all backgrounds. Register to the competition and follow the guided exercises (tutorials) available on the website to create your own case study: <http://warredoc.unistrapg.it/open-call-crowdmapping-competition-unesco-heritage-sites>. The WARREDOC Team will contact you after registration to give you additional information on the competition.

The application deadline is 15th July, while final projects will have to be delivered by 15th September.

Q) Do I need to have previous GIS experience? How much time the project will take?

A) Regardless the level of expertise, a clear passion and motivation is desired to get the best of you in this competition. A significant amount of time is not required to develop the project and can easily be done in your spare time.



Università
per Stranieri
di Perugia

WARREDOC.UNISTRAPG.IT

Q) Can I use other GIS software for participating to the Crowdmapping competition? Or ESRI ArcGIS is a mandatory option?

A) The training material and tutorials are developed using ArcGIS Pro version for the ease of use of the ESRI technology, but GIS users are more than welcome to use other GIS platforms (uDIG, QGIS, Openstreetmap, Ushahidi,...) for creating geospatial layers and publish their digital map. Final project developed by participants will be used to integrate the collective GIS effort into a story map, but we are open to different solutions if the minimum technical requirements and project goals are met. For more info please download and read the "**UNESCO Heritage Site Crowdmapping: Technical requirements of Digital Maps**" document.

Q) What are the prizes?

A) There are no cash prizes in the competition. The authors of the best three GIS projects will receive a **Special Professional Certificate** issued by the Water Resources Research and Documentation Center (WARREDOC) and the opportunity to present their projects in a specific event that will be organized in Perugia on October 2016 in collaboration with the UNESCO World Water Assessment Programme (WWAP). All participants will receive a **Certificate** and the privilege to publish their Digital Maps in a dedicated website for scientific dissemination and the news will be spread through the international GIS community with institutions and partners that have joined and supported this effort.