FAQ (Frequently Asked Questions)

GENERAL EVENT INFORMATION

Q) What is Digital Mapping? What is GIS? 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 to cope with human and environmental needs related to sustainable and safe urban, land planning and risk management is critical to fulfill **water**, **food**, **energy** and wider **environmental** demands of the world's population**.** The objective of this 3rd **Digital Mapping Course** is, in fact, to develop data analytics, infographics and digital maps using water, food and energy open/big data.

Q) What is the 3rd **Digital Mapping Course**? How can I participate?

A) The 3rd **Digital Mapping Course** intends to provide an additional motivation to the participants to explore, learn and have fun producing Digital Maps. The invitation call is open to students, young professionals, researchers, scientists and others who are willing to contribute to the Course **goals**, in particular we encourage **Geo-journalists** who are interested in combining data, maps and online story-telling. Register to the course and have a look to the guidelines and tutorials available on the website: http://warredoc.unistrapg.it/en/events/english-3-digital-mapping-course-water-food-energy-and-environment-nexus. The WARREDOC Team will contact you after registration to give you additional information on the course.

The application deadline is november 16, while final projects will have to be delivered by november 21 at 18h00.

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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 the remaining five hours of the course.

Q) Which platform is used to develop the Story Map? How can my work be published in the WARREDOC website?

A) The training material and tutorials are developed using ArcGIS Online platform. Final projects must meet the minimum technical requirements and project goals. For more info please download and read the **"3rd Digital Mapping Course: Technical requirements of Digital Maps"** document.

Q) What are the prizes?

A) There are no cash prizes in the competition. The authors of the top 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 the closing session of the International Workshop that will be organized on 22 November 2018 at the UNESCO World Water Assessment Programme (WWAP) office in Villa La Colombella (Perugia). All participants will receive a **Certificate** and the privilege to publish their Digital Maps (if the Story/Digital Map meets the expected goals and minimum technical requirements) 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.

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