

XVII International Training Summer School (XVII ITSS)

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SUMMARY

The 17th International Training Summer School (ITSS 2026), titled "Surveying for Planning: New Technologies and Soil Protection," will be held in 2026. The first edition was held in 2010 - https://youtu.be/jSBchvmBNRo?si=BBa_1kUPd9f-49W3. Since its inception in 2010, over 650 students, young surveyors from 30 countries have participated in the initiative.

Several Colleges of Surveyors and Graduate Surveyors from Italian cities will participate in this training event

The initiative is supported by several Italian and foreign universities and institutions.

It is important to note that for approximately 10 years, both the National Council of Surveyors of Italy and the FIG Foundation have provided scientific support, and the FIG Foundation has also provided significant financial support to the project.

The ITSS project was born in 2010, realizing the idea of creating an international training program, adopting the "school-workshop" model in the digital age, specifically using new technologies applied to surveying for the documentation and representation of territory and architecture, with particular attention to Ecclesiastical Cultural Heritage.

The methodology adopted for the project sees teaching as the transmission of "know-how" from Master to Disciple.

In fact, the International Training Summer School is considered the "Bauhaus of topography."

The fundamental principle guiding the work of the

International Training Summer School is that "documentation is itself a cultural process that cannot be delegated to third parties" (preface by Monsignor Professor Pietro Amato to Pietro Grimaldi's book "I Beni Culturali Ecclesiastici").

The surveys acquired during the seventeen editions of the International Training Summer School will be incorporated into the "GIS Cultural Heritage Surveying" of the surveyed territories

The GIS prototype followed is the GIS of the medieval center of Serracapriola in the province of Foggia, Italy - <http://serracapriola.net/>.

Previous editions of the ITSS (program and video) are available on the website of COIFA - International Committee for Architectural Photogrammetry - <http://coifa.it/>

The International Training Summer School addresses three key points:

1. What is an architectural survey? Surveying an object means collecting the necessary and sufficient information to reconstruct it
2. How is an architectural survey performed? The survey generally consists of two phases: data acquisition (capture) and data representation (restitution), which can occur over time.
3. Why an International Summer School on Architectural Survey? Between "visual surveying," where precision is based on human experience, and "surveying with new technologies," where precision is the result of rigid mathematical rules, there exist countless intermediate solutions, often left to improvisation.