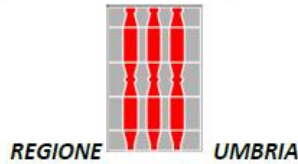




Comune di Orvieto



REGIONE UMBRIA



Comune di Todi

SCUOLA di ALTA SPECIALIZZAZIONE e CENTRO STUDI per la MANUTENZIONE e CONSERVAZIONE dei CENTRI STORICI in TERRITORI INSTABILI

Alta Scuola - Cultural and Scientific Association - Research and Studies Centre for the Maintenance and Conservation of Historic Places in Unstable Territories.

MISSION

Alta Scuola is a non-profit **Cultural and Scientific Association set up in 1999 by the Umbria Region and the Municipalities of Orvieto and Todi** on the initiative of the Permanent Observatory for the Monitoring and Maintenance of the Rock of Orvieto and the Hill of Todi.

Alta Scuola carries out scientific, cultural, educational and research activities, provides specialized assistance and consultancy in the area of territorial governance and the mitigation of natural risks, prevention, preparation and protection from calamitous events, seismic and hydrogeological risk and situations instability of the unstable areas of the territory and of the existing or planned works on these areas, with specific attention to the consolidation, maintenance and conservation of the Historical Centers in Unstable Territories and Cultural Heritage.

ACTIVITIES

The activities of the Association are carried out both directly and through specific partnership agreements and are aimed at:

- providing the associates and other public entities, specialistic technical advice and services in the areas of competence of Alta Scuola;
- organizing training courses for technicians and officials of the Public Administration, freelancers and company technicians, also to provide updating and permanent education;
- carrying out higher studies of an international nature and of a high scientific profile, intended for researchers and scholars of the geological, geotechnical, hydrological and hydraulic, agricultural and forestry, architectural, urban planning and landscape, seismic disciplines and those connected with the conservation of the artistic and monumental heritage.

MULTIDISCIPLINARITY

Alta Scuola promotes the cooperation among the Administrations and an interdisciplinary approach, aimed at the achievement of new instruments and methods of territorial governance and environmental protection. It takes care of the development, dissemination and application of conceptual methods and technologies and techniques of intervention in relation to the solution of the problems of territorial stability and to the preservation and conservation of cultural heritage. To this end, it establishes relations with national or international institutions, and favors the creation of scientific and technical collaboration with qualified scholars and researchers in the various countries of the world. It takes part in initiatives aimed at developing technologies and intervention techniques in the areas of competence, in collaboration with Public and Private Bodies, Financial, Industrial and Commercial Organizations, Institutional and Social Subjects, also acquiring any patents deriving from such activities. Finally, it has the right to handle the publication and marketing of treaties and magazines, to confer periodic or exceptional commendations, awards and prizes and to carry out any other activity useful for the achievement of institutional purposes.

TECHNICAL SUPPORT TO PUBLIC ADMINISTRATION

ALTA SCUOLA has provided the Umbria Region with specialized technical support on "Addressing and coordinating, supporting and training" of municipal and regional technicians in the field of activities related to *"Investigations, studies and assessments, definition of interventions for the stabilization of sample areas affected by gravitational movements which can determine hydrogeological risk situations in the territory of the Umbria region"* (2012-2015) and for the *"Extraordinary Management of the Monitoring Networks in Orvieto and Todi"* in order to optimize and plan the management, maintenance and care of the areas subject to landslide consolidation (2014-2018). For ARPA UMBRIA provided technical support in the *analysis and evaluation of the stability of the embankments of the regional urban waste landfills* (2013-2016). For the municipalities of Orvieto and Todi carries out activities of technical support in the field of maintenance of the unstable areas of their territories. For the Municipality of Orvieto has collaborated in the drafting of the documents of the *National Strategy for Internal Areas - Pilot Area South-West of Orvieto* and is in charge of coordinating the process of the Paglia River Contract .

INTERNATIONAL PROJECTS

Alta Scuola carries out planning and technical support activities both for the implementation of national and regional operational programs, and for individual projects financed with direct and indirect EU resources (ERDF and ESF Structural Funds). The Association favors participatory planning, that is the design process that involves the development of public-private partnerships as a source of advantage to achieve significant results in the territory. Alta Scuola is leader in the exchange projects of good practices of hydrogeological instability management SMA.RI.GO: *Smart River Governance: experiences in the mirror from Italy to Moldova* (2016-2017); *Smart River Governance 2.0: implementation of the Botna River Contract for integrated management of river areas* (2018-2019). Exchange projects between Italy and the Republic of Moldova, funded by CEI FUND and supported by the Italian Foreign Ministry (CEI Know-how Exchange Program - KEP Italy).

Participates with the Civil Protection Service of the Umbria Region and the Municipality of Orvieto in the project INNOVA.RISKS *INNOVA.tion to prevention and protection from natural and environmental RISKS: experiences in the mirror between civil protection and emergency management from Italy to Moldova* (2019 -2020). this project aim to carry out an exchange on the management of four major risks: floods, landslides, earthquakes and forest fires. The project includes international workshops with technicians from administrations and companies from Italy, Moldova, Romania and Ukraine.

ADVANCED TRAINING

Alta Scuola promotes, plans and implements national and international congresses, courses, seminars and workshops of high scientific level. Alta Scuola has carried out Post-graduate Masters of High Specialization in *"Maintenance and Conservation of Historical Centers in Unstable Territories"*. Organizes and hosts annually, at the Permanent Observatory for the Monitoring and Maintenance of the Rock of Orvieto and the Hill of Todi, meetings and technical visits of II level masters in the field of earth sciences, with insights on geotechnical-structural monitoring. The Association is from 2016 Authorized Training Body in Agreement with the National Council of Geologists.

COURSES AND CONFERENCES

Alta Scuola has carried out: the EMAS International Seminars, the UNESCO Water for Life Seminar, the ISL International Workshop *"Slow Motion Landslides - Monitoring and Modeling"*. During the 2012 post-earthquake reconstruction, together with the Emilia-Romagna Region and AGI (Italian Geotechnical Association) Alta Scuola carried out professional training courses *"The design of geotechnical works in the seismic field"*, for technicians of Public Administrations and professionals. Alta Scuola collaborated with the Mission Structure of the Presidency of the Council of Ministers #italiasicura to the carrying out of the conferences *"Designing the hydrogeological stability"* (Perugia, Ancona, Trento, 2017) and *"New frontiers for research, environmental sustainability and communication in the water sector"* (Rome, Palazzo Chigi, 2017).

Since 2012 he has been actively collaborating in the organization and management of the *Italian National Board of River Contracts*, and has co-organized the Bologna 2012, Florence 2013, Venice 2014, Milan Expo 2015 and Rome 2018 events. Within the Italian National Board of River Contracts Alta Scuola is in charge of the National Award of River Contracts (6 Editions).

In Perugia, Palazzo dei Priori, Sala dei Notari, on June 25th 2013 organized the First National Conference *"Maintenance and care of the territory at risk"*. In Todi, Palazzo del Popolo, July 2013, organized the *Summer School on the maintenance of the works and the territory*, four days with exercises and technical visits in the field in Orvieto and Todi. The event has been replicated in Ancona the following year. Annually organizes a day of training and dissemination with the National Department of Civil Protection in connection with the work of Esonda Expo in Ferrara. Also in Ferrara he organizes the International Smart Rivers Conference and the National Conference on maintenance and management of the territory at risk. With ANAS, RFI and ITALFERR, in October 2012 and 2018, Alta Scuola carried out the days on *"Infrastructure Design and Maintenance"*. With UNESCO WWAP has organized "The Water Rooms 2 - From Water Rooms to WaterCulture" (Perugia, Villa Colombella, 2018), "H3O Governance, Participatory Construction of new scenarios of governance of resources and natural risks" (Orvieto, Palazzo del Capitano del Popolo, 2018), "Towards the General States of Water Resources" (Rome, Palazzo Madama, 2019). Periodical workshops on "Monitoring as a tool for preventing and mitigating risks".

EXPO

Alta Scuola collaborates in the carrying out of the panels of the main national exhibition events in the field of land management and natural risks, including: EXPO Emergenze (national biennial exhibition dedicated to the world of security and emergency), ECOMONDO and SAIE. Since 2012 he has been a member of REMTECH EXPO's scientific and guidance committees, the only permanent international event specializing in remediation, environmental and natural risks, safety, maintenance, redevelopment, land regeneration, climate change and circular chemistry.

UNESCO PARTNERSHIP

Alta Scuola has signed a Partnership Agreement with UNESCO for collaboration with the UNESCO Program for the Evaluation of World Water Resources (UNESCO World Water Assessment Program, WWAP) in the *Water Rooms*

Project (version 2), with the aim of: improve participatory governance processes, ensure the sustainable and fair use of water resources, promote flood preparedness and resilience measures. Alta Scuola is a member of the SHeC Center for Sustainable Heritage Conservation Center founded by the Italian UNESCO Chairs for the Conservation and Sustainable Management of World Cultural and Natural Heritage.

HEADQUARTER

The headquarters of Alta Scuola is in the evocative rooms of the Madonna del Velo of Orvieto, a 1751 rupestrian church built against the tuff wall in the Conce area. The building, formerly a documentary archive of the works of the Todi Orvieto Special Laws and the headquarters of the Permanent Observatory for the Monitoring and Maintenance of the Rock of Orvieto and the Hill of Todi, is set up with spaces and equipment to organize courses and workshops.



Sede Operativa
Operational Headquarters

Aula Didattica
Classroom

Exchange:



AltaScuola-Japan



AltaScuola-USA



AltaScuola-Moldova

President: Dott. Geol. Endro MARTINI
General Secretary: Dott. Ing. Claudio SOCCODATO