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Rencontres internationales du patrimoine
architectural méditerranéen

RECUEIL DES RÉSUMÉS



Villages et quartiers à risque d'abandon.
Stratégies pour la connaissance, la valorisation et la restauration.

INTERMEDIATE CONFERENCE - FIRENZE 2020
8.5th Intermediate total on line Edition Firenze 25/26 November 2020



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En 2005, des chercheurs, universitaires, historiens, scientifiques du patrimoine, architectes, conservateurs issus de pays et d'institutions du bassin méditerranéen ont souhaité établir des liens privilégiés autour des enjeux du patrimoine architectural. Ils ont ainsi initié des rencontres alternativement de chaque côté des rives de la Méditerranée, à Meknès (Maroc) en 2005, à Marrakech (Maroc) en 2007, à Lisbonne (Portugal) en 2009, à M'sila (Algérie) en 2012, à Marseille (France) en 2013, à Monastir (Tunisie) en 2015. Ces rencontres ont réaffirmé à chaque fois la volonté de les pérenniser, de partager des connaissances et de conforter la conservation du patrimoine bâti dans les politiques et consciences nationales. Leur succès avec plus d'une centaine de participants par édition a aussi montré le besoin de les structurer pour mieux faire connaître et accroître ce réseau de compétences et faire de cette heureuse initiative de près de 10 ans une rencontre incontournable pour le patrimoine architectural méditerranéen. Les RIPAM sont à la fois des rencontres et un réseau de personnes et d'institutions œuvrant à la connaissance et à la conservation du patrimoine architectural et urbain méditerranéen. La communauté RIPAM regroupe des universitaires, des responsables de biens patrimoniaux, des professionnels de la conservation et de la restauration, des scientifiques du patrimoine, des professionnels de l'architecture, des urbanistes... qui étudient, analysent et travaillent sur tous les types et composantes de ce patrimoine architectural: histoire, type architectural (urbain, rural, industriel, officiel, domestique, ...), archéomatériaux et conservation matérielle, techniques de construction et de conservation, structure urbaine et urbanisme, réalisation architecturale, méthodes d'analyse et d'investigations, documentation et archives d'architecture, législation et réglementation, gestion et valorisation, mesures de prévention...

Les RIPAM constituent un lien privilégié pour échanger et dialoguer sur ces sujets, présenter des travaux de recherches, de conservation ou de mise en valeur. Elles reposent sur les principes et objectifs suivants:

– Connaitre et faire connaître le patrimoine architectural et urbain méditerranéen afin de participer à sa conservation, sa transmission aux générations futures et sa valorisation, dans le cadre des études et politiques patrimoniales en lien étroit avec les enjeux du monde méditerranéen contemporain;

– D'assurer à cette connaissance et à sa diffusion une haute valeur scientifique, une diversité d'approches dans l'affirmation d'une communauté méditerranéenne et le respect des spécificités de chacun;

– De favoriser les échanges et le partage d'expériences entre les deux rives.

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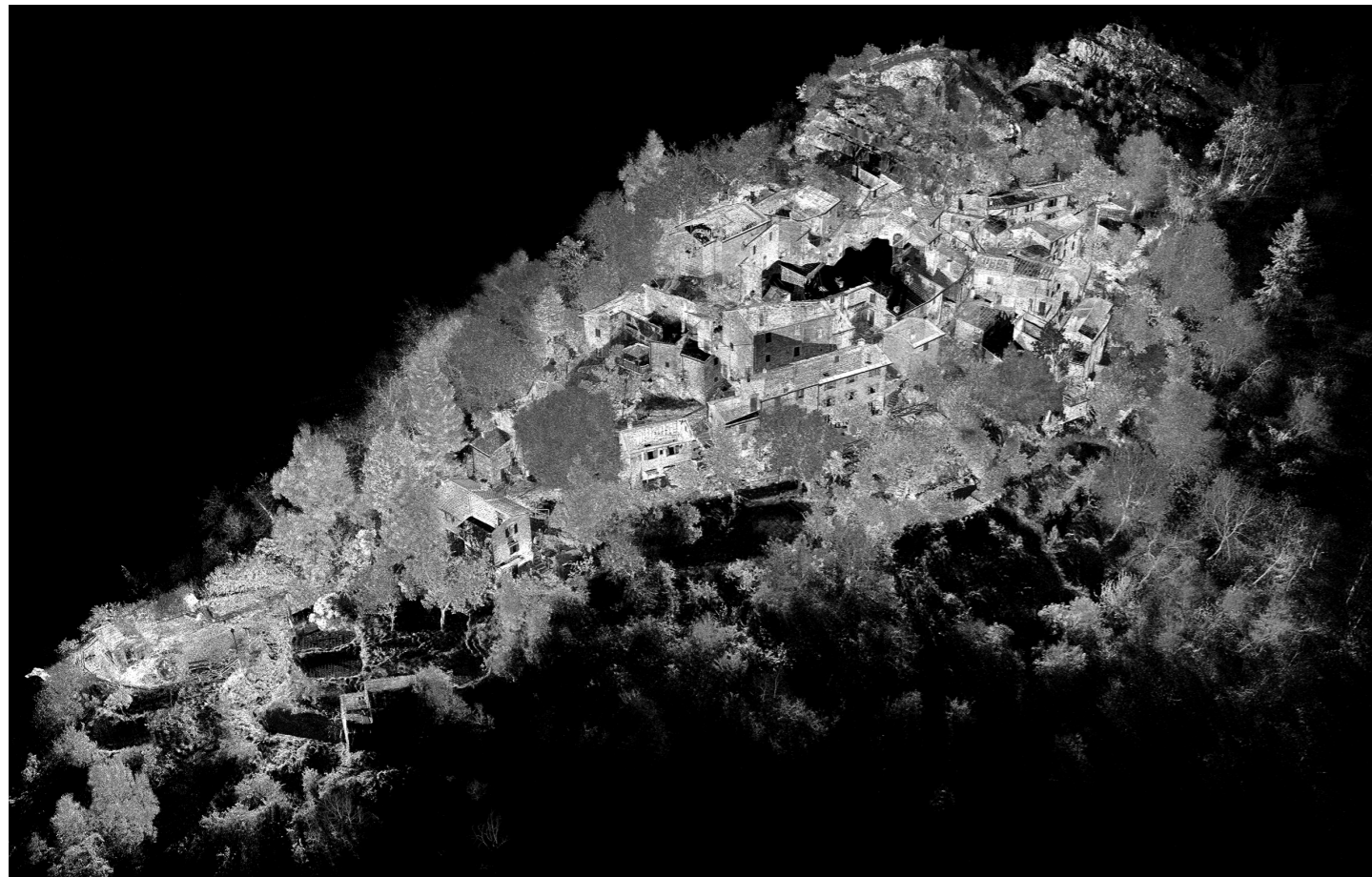
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Rocca Ricciarda is a mountain village located on the slopes of Pratomagno, in the municipality of Loro Ciuffenna (AR). In medieval times the site was known to be part of that system of fortifications necessary for the control of mountain passes: the fortress of the village, known since 1191, later became the property of the Guidi Counts; today only the archaeological remains remain, on a rocky spur at the entrance of the village, recently brought to light by excavations conducted by the University of Florence [Vannini 2009].

In 2017, following a convention stipulated between the Department of Architecture of the University of Florence and the Municipality of Loro Ciuffenna, which derives from a collaborative relationship that led to deepening some research on the municipal area [Bertocci et al. 2019], a project started a research aimed at creating an archive of morphological and three-dimensional data: that data documented the architecture of the historic village, which was completely rebuilt after a fire after the Second World War.

The documentation of the historic village was created by planning a campaign of instrumental surveys that reconstructed the entire three-dimensionality of the historic village: both range-based acquisitions with laser scanners and image-based acquisitions were conducted for the creation of accurate three-dimensional models of the architectures, through SfM procedures.

This paper reconstructs the various phases and methodologies used for the registration and quality certification of three-dimensional survey data; the graphic restitution process of the two-dimensional technical drawings, which describe the morphology of each building that forms the village, has been particularly deepened. Material information has been added to the technical drawings thanks to the elaboration of accurate orthophotopians of each facade of the buildings. The village has also been represented in its landscape value by creating environmental sections, on a general scale, useful for describing the morphology of the

territory and the attention paid to creating the mountain settlement.

The realization of a general three-dimensional point cloud of all the architecture of the village has also allowed to realize an accurate three-dimensional mesh model of the entire mountain village, integrating evident lack of instrumental data of the roofs, which can be used both to better understand the three-dimensional development of the village, built on the slope of the mountain, from a technical point of view, both to set the morphological basis for the development of virtual fruition systems.

In addition to the documentation of the mountain village, which is facing a phenomenon of gradual abandonment, the creation of three-dimensional databases can be the starting point for creating a virtual museum system for the archaeological excavations present on the site: they can recall thanks to their tourist value attractiveness to the strongest presence of visitors, considering the fact that the village is located at the end of a driveway, therefore reachable only if there is a real desire to visit it.

The documentation of the archaeological excavations can also be a further technical document which, if shared with the school of archeology, can serve as a useful tool to verify or integrate information relating to the structures remaining in evidence of the fortress that gives the site its name.

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