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## Il Patrimonio Sotterraneo Lombardo

Edited by Gianluca Padovan

- This book is special and different from other archaeological and architectural texts because it deals with the proceedings of the Lombard Underground Heritage Conference. For the first time, issues related to artificial cavities in the Lombardy region were presented. The experts explain in detail what the Register of Artificial Cavities of Milan and Lombardy is and what it can be used for.
- Artificial cavities are a material heritage, rarely considered as such. This work presents the definition of an artificial cavity and the 'Catalogue System', concocted by the work's curator, Gianluca Padovan, with the publication of the cadastral file. The guidelines for the creation of an archive, including an IT archive, are provided.
- In a fusion between the ancient and modern, some texts and drawings by Leonardo da Vinci are analysed regarding natural caves in Lombardy and underground architectural works relating to the Castello di Porta Giovia in Milan. The work is special because it deals specifically with the underground works in the city of Milan. It discusses aqueduct and sewage networks, as well as the system of urban purifiers and subservices.

The proceedings of this conference, held in the Lombardy region, dictate the guidelines for wide-ranging work on underground architecture. They offer a perspective for carrying out precise mapping of urban and extra-urban underground areas. It can be used by public administrations in terms of security, infrastructure design and planning, upgrading of ducts and underground channels, public hygiene, and territorial marketing.

Having a picture of the world beneath our feet allows us to use this economic and environmental resource for social and national ends. The underground works are a cultural asset and a real underground resource for the circular economy. The primary management tool is the census of subsoil assets through the Cadastre of Artificial Cavities.

**Gianluca Padovan**, veronese, speleologo, scrittore, fondatore e presidente della Associazione Speleologia Cavità Artificiali Milano (S.C.A.M.). Cofondatore della Federazione Nazionale Cavità Artificiali (F.N.C.A.) e direttore della Collana "Hypogean Archaeology" della serie internazionale dei British Archaeological Reports di Oxford ha promosso la nuova disciplina per lo studio e la documentazione delle Cavità Artificiali a livello internazionale. È autore e coautore di numerosi libri sia a carattere scientifico sia divulgativo, stampati con case editrici italiane ed estere.

**Gianluca Padovan**, veronese, speleologist, writer, founder and president of the Associazione Speleologia Cavità Artificiali Milano (S.C.A.M.). Co-founder of the Federazione Nazionale Cavità Artificiali (F.N.C.A.) and director of BAR Publishing's Hypogean Archaeology sub-series. He has promoted the new discipline for the documentation of Underground Structures internationally. He is an author and co-author of numerous books, both scientific and disclosure, printed with Italian and foreign publishers.

# Readership

Questo libro si rivolge a ingegneri e architetti che si devono occupare di sottosuolo urbano. Si rivolge a speleologi e archeologi che esplorano e studiano le opere sotterranee urbane ed extraurbane. Si rivolge agli storici che desiderano comporre il quadro delle conoscenze sul sottosuolo tanto nel mondo antico quanto nell'immediato passato.

This book is ideal for engineers and architects who are interested in urban subsoil. It is also aimed at speleologists and archaeologists who study urban and extra-urban underground works, as well as historians who wish to better understand subsoil both in the ancient world and immediate past.

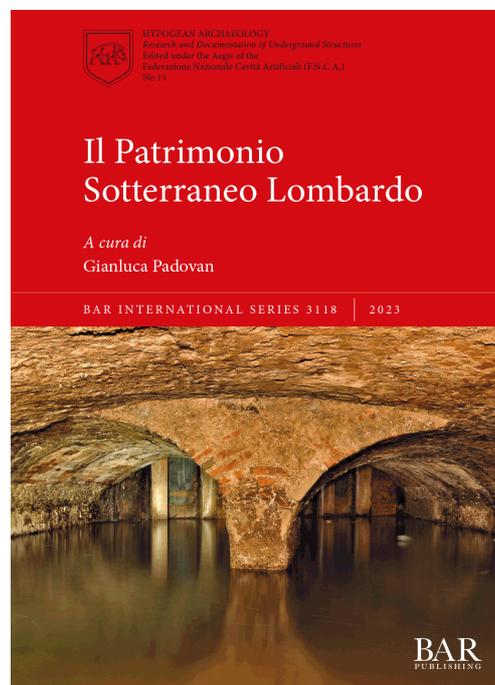
# Reviews

*'I am not aware of other publications dealing with the needs and opportunities of creating a dataset of underground cavities in Lombardy... This is an original and extremely significant contribution.'*

Ing. Fabio Marelli, Direttore Acquedotto e Fognatura città di Milano, MM Spa

*'The multidisciplinary way in which the subject is treated, from architecture to urban speleology to surveying, has an element of originality.'*

Prof. Arch. Maria Cristina Giambruno, Department of Architecture and Urban Studies, Politecnico di Milano



## Main Subject

Architecture / Domestic and Urban  
Buildings and Space / Urbanism

## All Subjects

Architecture / Domestic and Urban  
Buildings and Space / Urbanism

## Geographical Region

Mediterranean

## Time Period

Early Modern and Modern

## Keywords

Archeologia, Archeologia del Sottosuolo, Archeology, Architecture, Arch itettura, Atti, Cadastre, Catasto, Censimeno, Census, Esplorazione, Exploration, Geologia, Geology, Geomatica, Geomatics, Leonardo da Vinci, Lombardy Region, Proceedings, Regione Lombardia, Sotterranei, Speleologia, Speleology, Underground, Underground Archeology

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