

DICAAR
UNICA UNIVERSITY OF CAGLIARI, ITALY

TOWARDS NEW TERRESTRIAL LANDSCAPES

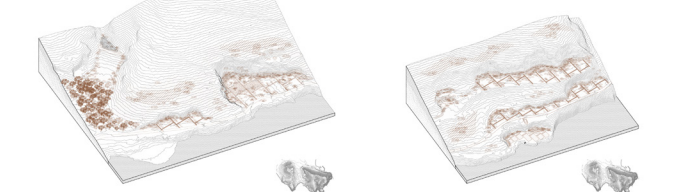
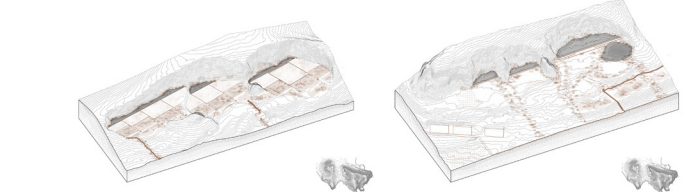
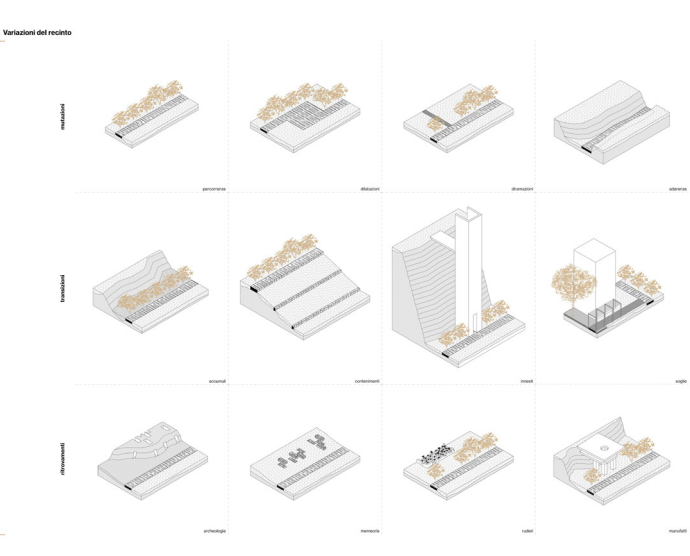
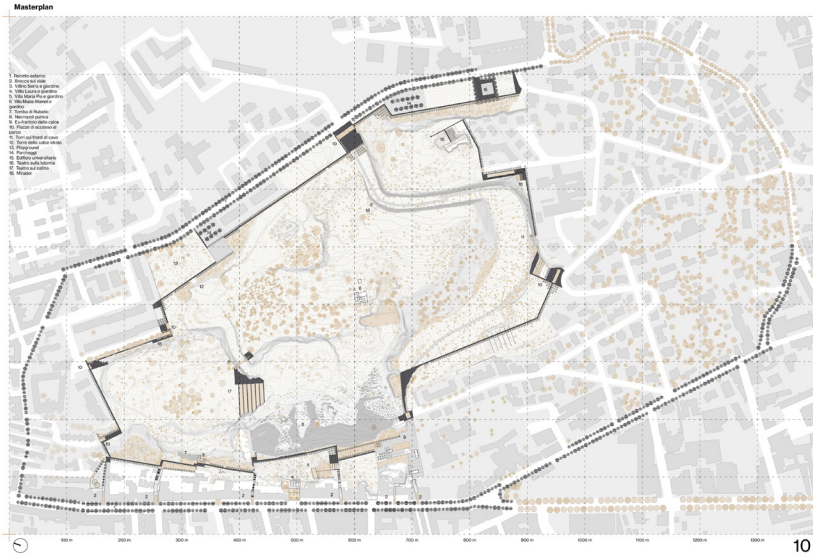
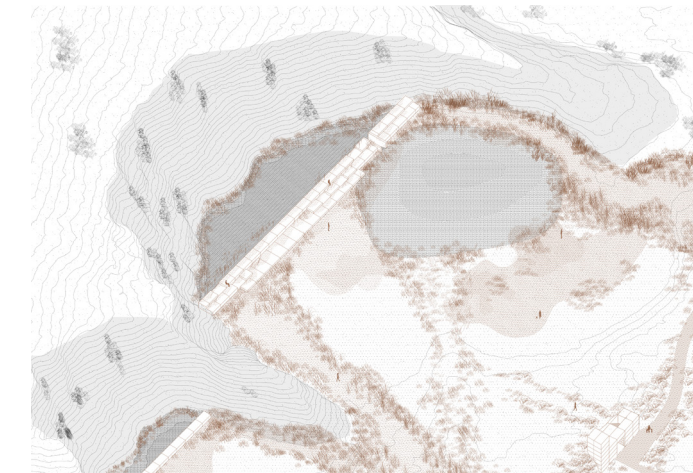
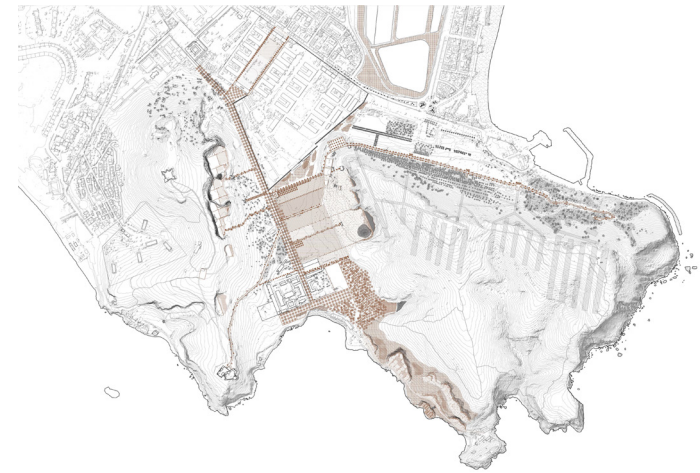
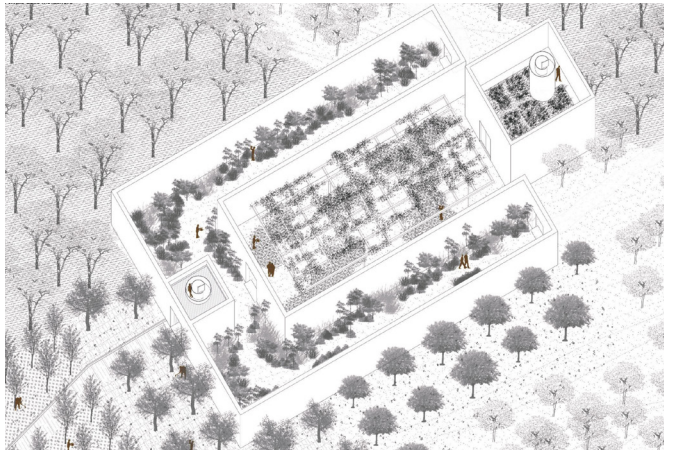
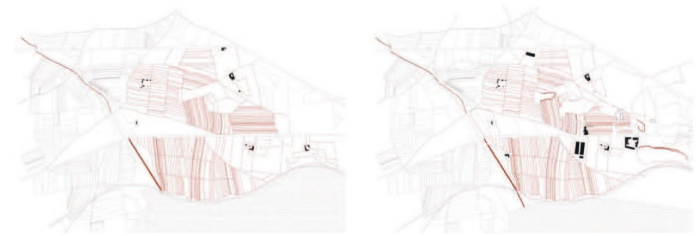
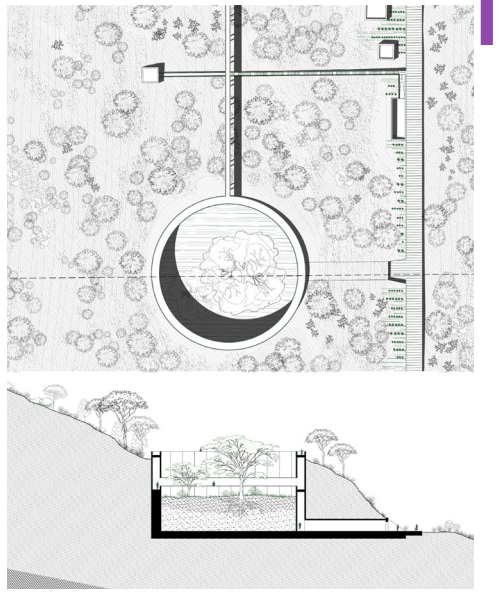
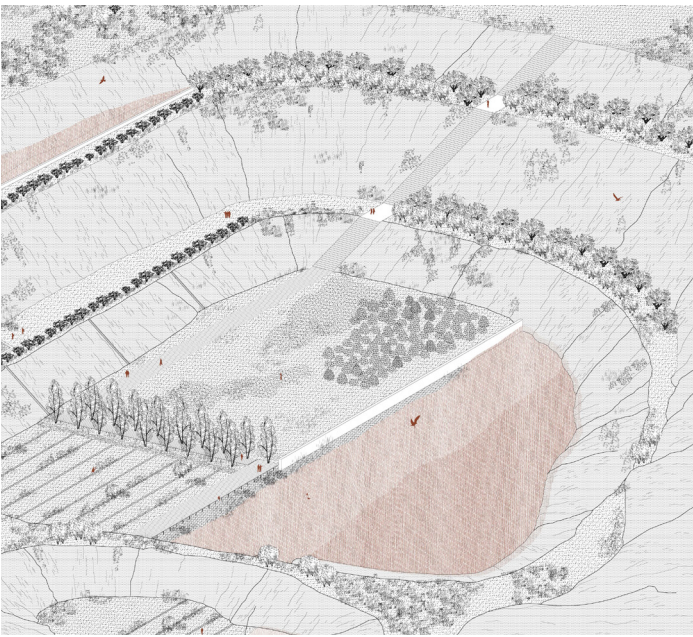
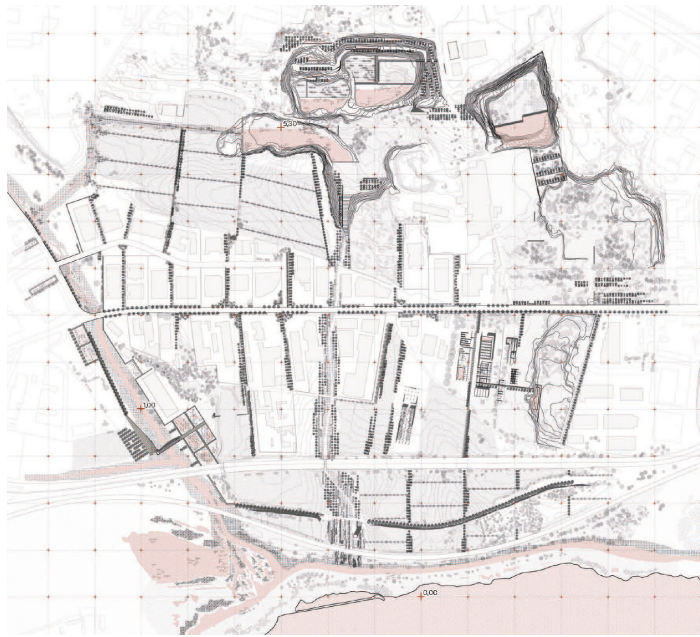
FORMA TERRAE Productive Landscapes
MAP International 2nd level Master degree
in Landscape Architecture

 **MASTER**
ARCHITETTURA
DEL PAESAGGIO
UNIVERSITÀ DEGLI STUDI DI CAGLIARI

Thesis laboratory
FORMA TERRAE
MASTER DEGREE IN ARCHITECTURE - UNICA

Please provide a 250-word text explaining the selection criteria used to choose the five projects representing the school in the Ribas Piera Prize. Detail the aspects evaluated, such as conceptual quality, innovation, thematic relevance, technical resolution, or any other criteria considered in the selection process with a single image, characteristic of the academic process, to accompany the text.

The proposal "Towards New Terrestrial Landscapes" brings together the experiences of the most advanced levels of landscape architecture education at the Cagliari School of Architecture: the Thesis Laboratory: Productive Landscapes - FORMA TERRAE within the Master's Degree Program in Architecture, and the 2nd level International Master degree in Landscape Architecture, promoted by DICAAR and the Municipality of Carbonia, focusing on the multiple themes of contemporary landscape and environment. These programs are part of the complex and extensive research that the Cagliari School of Architecture has undertaken and continues to pursue on landscape, along with other activities such as theoretical and design courses, workshops, and international summer schools, seminars, and conferences that have hosted leading figures in Italian and international landscape architecture. Recently, these two advanced landscape design programs have been brought together by the topic of the return to terrestrial landscape, both as a manifestation of a workable, material, and productive reality and as a field of experimental research on the themes of ecology, the environment, and the use of natural resources.



Country/City

Italy / Cagliari - Carbonia

University / School

School of Architecture and Department of Civil, Environmental Engineering and Architecture (DICAAR) of the University of Cagliari

Academic year

2020-2021 2021-2022 2022-2023 2023-2024 2024-2025

Title of the project

Towards New Terrestrial Landscapes

Authors

Cristiana Caddeo, Iliara Corrias, Martina Fanni, Alberico Farci, Silvia Ledda, Fabio Piludu, Benedetta Rombi, Danila Artizzu, Gianni Ballone, Carla Bangoni, Mattia Giuseppe Barranca, Alice Becciu, Arianna Bernardini, Olivia Claudia Bina, Barbara Boi, Valeria Casciu, Anna Corda, Roberta D'Angelo, Massimo Congiu, Giovanni Andrea Enna, Luca Floris, Giovanna Murtas, Gabriele Sanna, Roberto Sanna, Santina Secchi, Davide Scarabottini, Mauro Tatti, Laura Tuveri



Title of the project	TERRESTRIAL LANDSCAPES
Authors	28 students from graduation and post-graduation labs
Title of the course	Towards New Terrestrial Landscapes - Forma Terrae + MAP
Academic year	2020-2021 2021-2022 2022-2023 2023-2024 2024-2025
Teaching Staff	Adriano Dessi, Giorgio Peghin (Teachers), Luca Floris, Gabriele Sanna, Roberto Sanna, Andrea Scalas (Tutors)
Department / Section / Program of belonging	Department of Civil, Environmental Engineering and Architecture (DICAAR)
University / School	School of Architecture / University of Cagliari



Written statement, short description of the project in English, no more than 250 words

Forma Terrae has explored the themes of excavating, cultivating, and extracting the soil for new forms of production modeling and ecology of public space. All the projects presented stood out for their excellent thematic framework and significant depth at various scales, as well as for their interpretation, ranging from the scale of the city and its landscape to the morphologies and ecological structures of specific places.

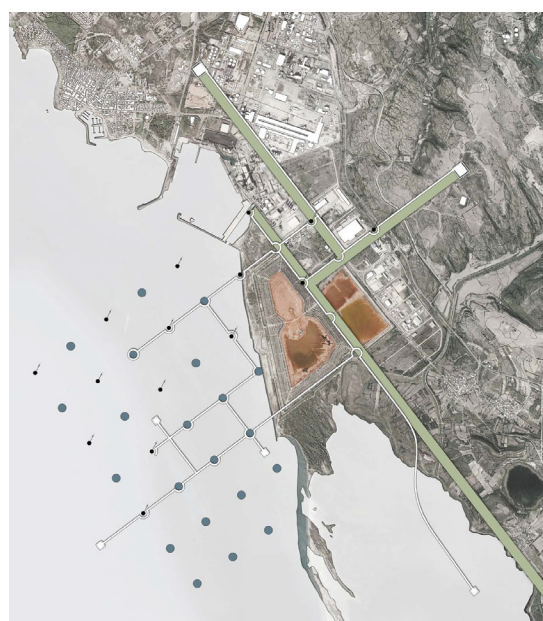
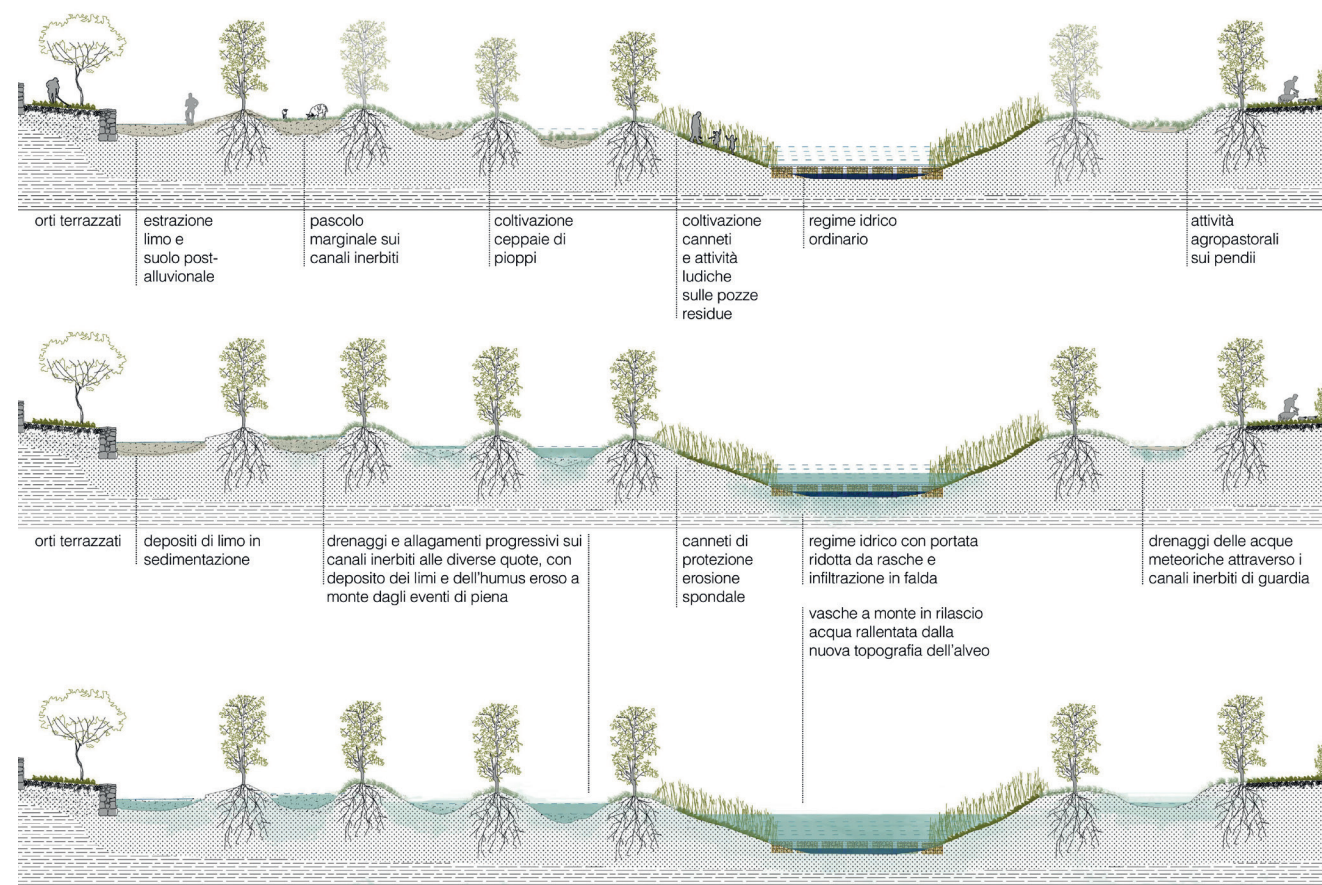
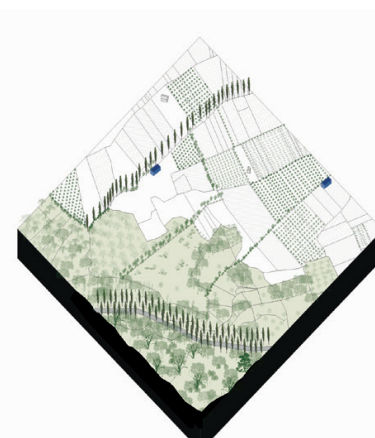
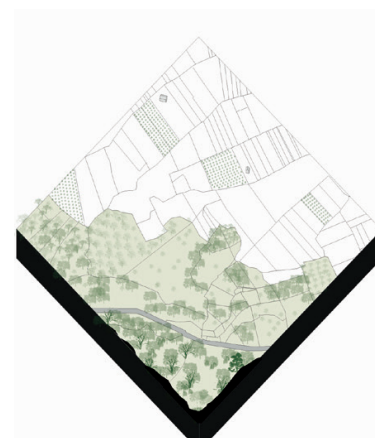
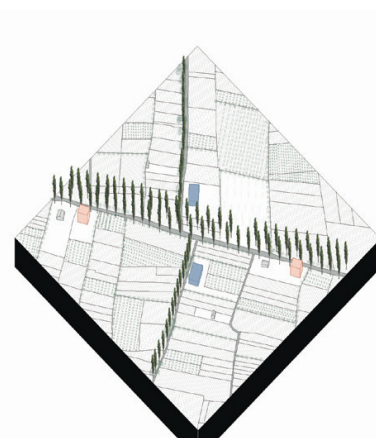
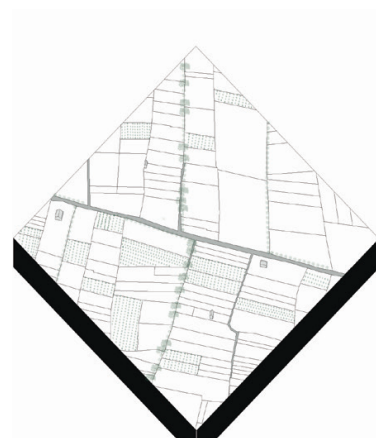
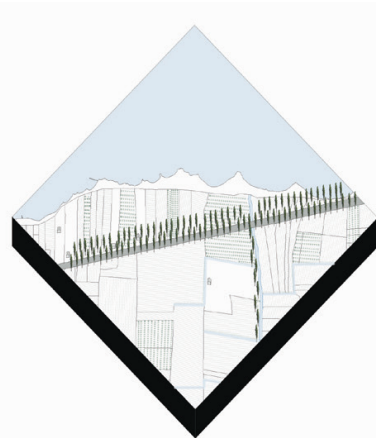
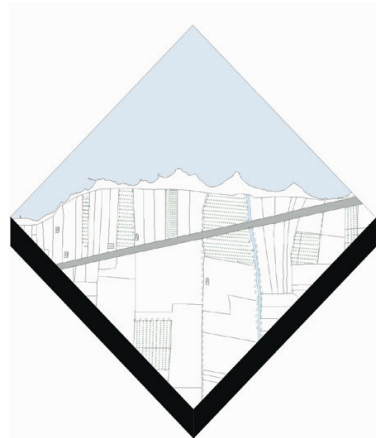
In some cases, there was also notable technical and architectural development. Now in its third edition, the Second-Level International Master Degree in Landscape Architecture fosters advanced technical, cultural, and design skills in the field of landscape architecture, with a strong focus on sustainability and territorial regeneration. Teaching is structured around real-world challenges and on complex and fragile territories, producing experimental design strategies aligned with the Paris 2030 Agenda and the European Landscape Convention.

The Master prepares participants for professional roles in landscape architecture, urban and territorial planning, and environmental design, equipping them to operate in interdisciplinary and international contexts.

Barcelona International Landscape Biennial

Contact via email:
biennaladm@coac.net

Venue:
COAC - Col·legi Oficial d'Arquitectes de Catalunya
Carrer Arcs 1-3, 08002 Barcelona - Spain





Country/City

Italy / Cagliari

University / School

School of Architecture and Department of Civil, Environmental Engineering and Architecture (DICAAR) of the University of Cagliari

Academic year

2020 - 2021

Title of the project

THE OPEN-AIR THEATRE

Authors

Carla Bangoni, Alice Becciu, Anna Corda, Roberta D'angelo

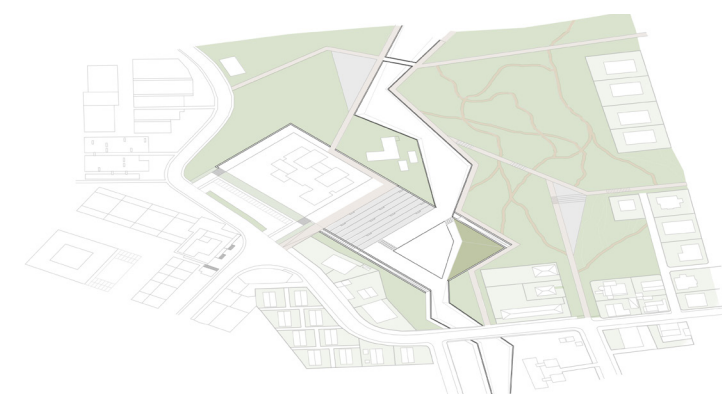


1. Ingressi al parco
2. La nuova piazza pubblica gradonata
3. Il teatro all'aperto
4. I percorsi lungo fiume
5. Le aree di sosta del parco
6. Il ponte pedonale di connessione tra le due sponde



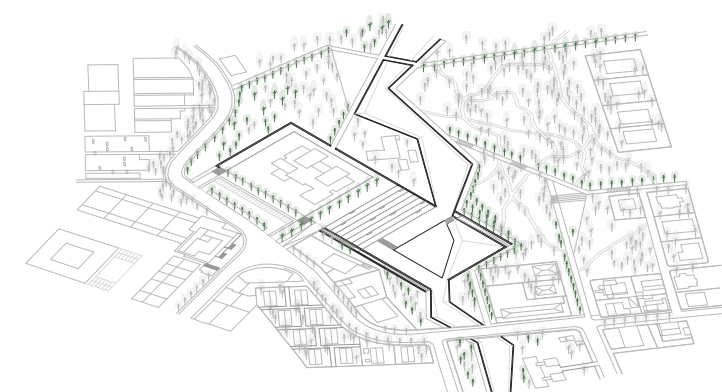
ACCESSIBILITA' I PERCORSI

- percorsi liberi
- percorsi secondari
- percorsi principali
- parcheggi
- strade carrabili
- aree di sosta



SUPERFICI PERMEABILI - IMPERMEABILI

- prati stabili alberati
- verde privato
- verde umido
- superfici in cls
- percorsi in cls architettonico drenante
- percorsi in terra stabilizzata



ALBERATURE

- alberi esistenti
- alberi di progetto



Country/City

Italy / Cagliari - Carbonia

University / School

School of Architecture and Department of Civil, Environmental Engineering and Architecture (DICAAR) of the University of Cagliari

Academic year

2022-2023

Title of the project

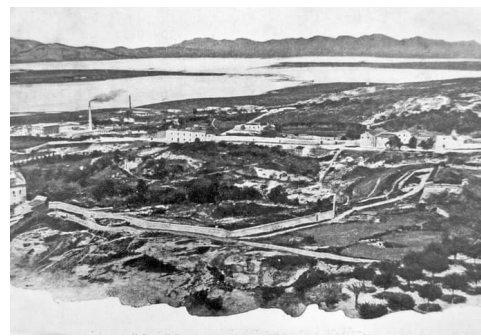
FLOATING PLATFORMS. New productive archaeologies for the Santa Gilla Lagoon

Authors

Luca Floris, Gabriele Sanna, Roberto Sanna



1920



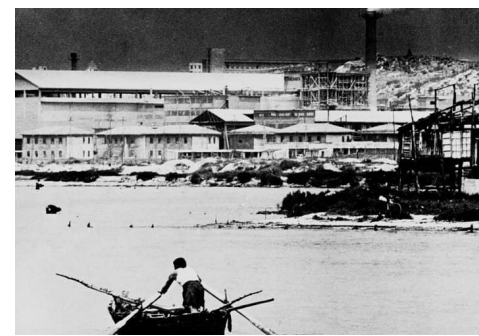
1943



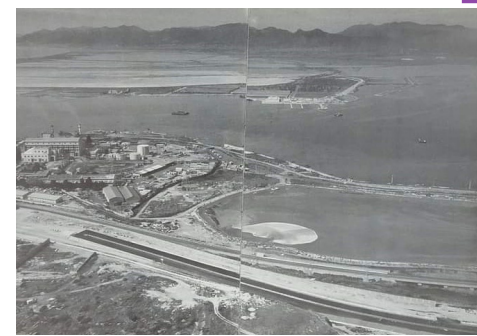
1953



1968



1977



1998

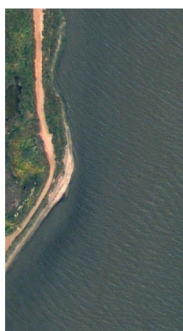
CINEMATICA DI UN PAESAGGIO

La continua costruzione delle dune lungo le rive della laguna

2006



2010



2011



2011



2011



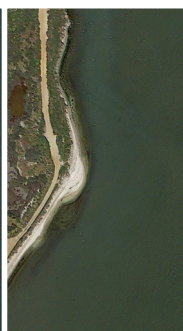
2011



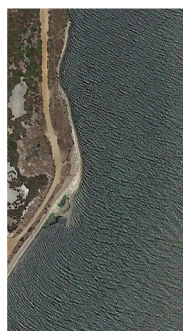
2011



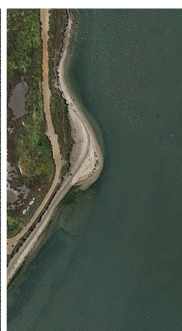
2013



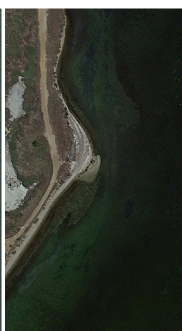
2015



2017



2019



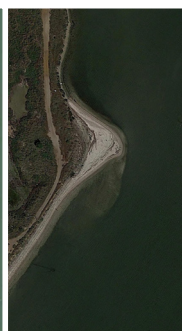
2020



2021



2022



2022



2022



2006



2010



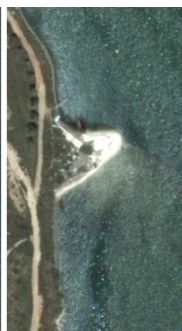
2011



2011



2011



2011



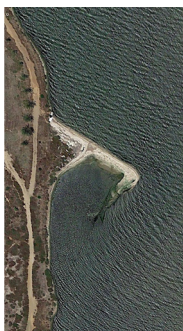
2011



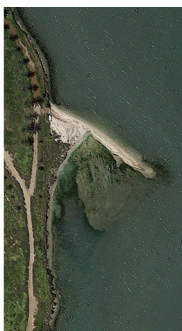
2013



2015



2017



2019



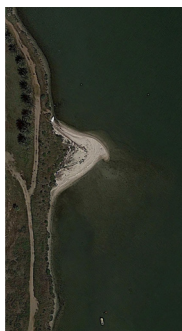
2020



2021



2022



2022



2022



2006



2010



2011



2011



2011



2011



2011



2013



2015



2017



2019



2020



2021



2022



2022

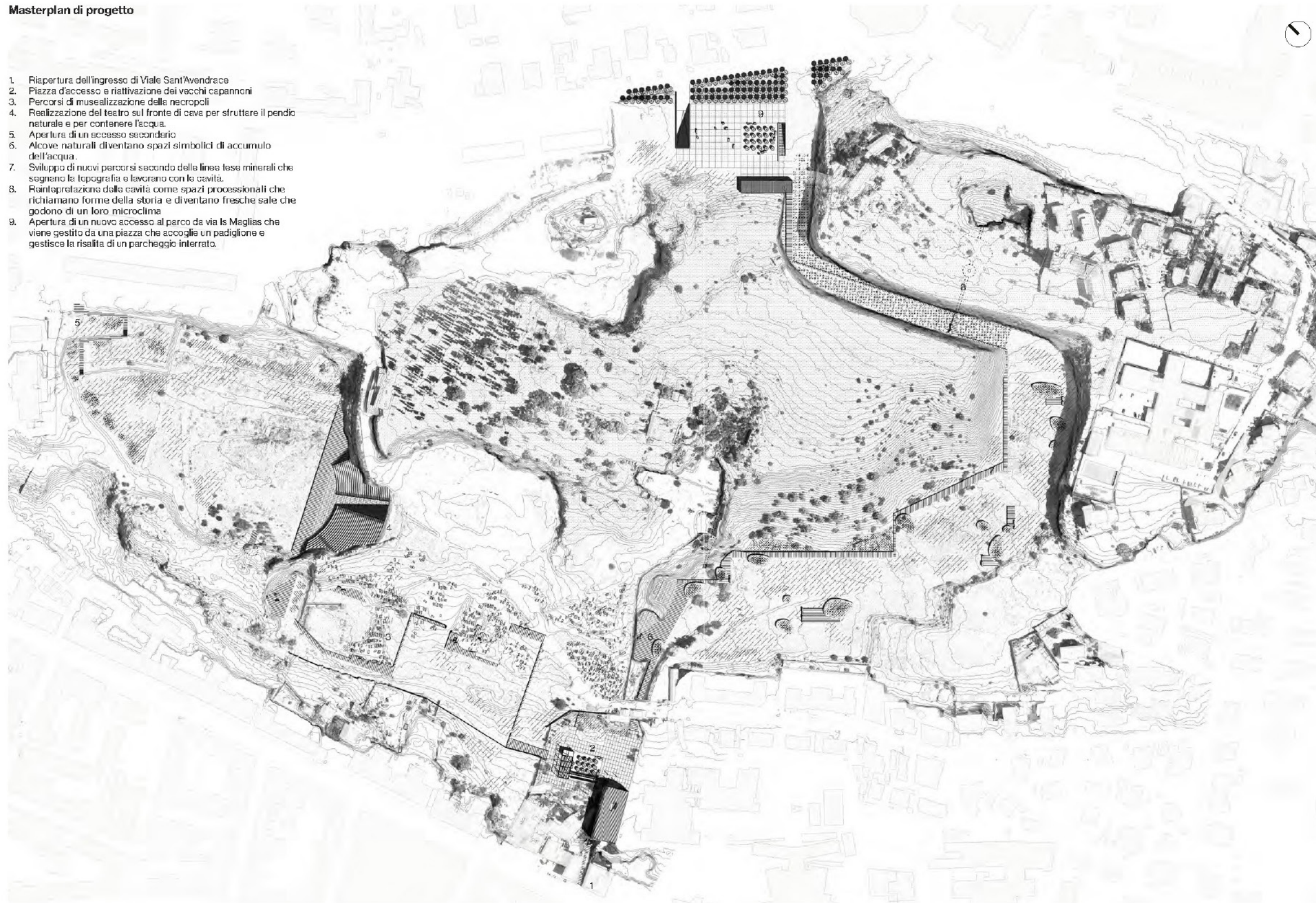


2022



Masterplan di progetto

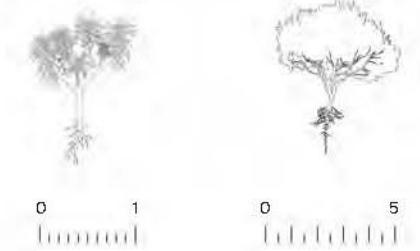
1. Riapertura dell'ingresso di Viale Sant'Avendrace
2. Piazza d'accesso e riattivazione dei vecchi capannoni
3. Percorsi di musealizzazione della necropoli
4. Realizzazione del teatro sul fronte di cave per sfruttare il pendio naturale e per contenere l'acqua.
5. Apertura di un accesso secondario
6. Alcoe naturali diventano spazi simbolici di accumulo dell'acqua.
7. Sviluppo di nuovi percorsi secondo delle linee tese minerali che segnano la topografia e lavorano con le cavità.
8. Rinteprelazione delle cavità come spazi processionali che richiamano forme della storia e diventano fresche sale che godono di un loro microclima
9. Apertura di un nuovo accesso al parco da via Is Meglias che viene gestito da una piazza che accoglie un padiglione e gestisce la risalita di un parcheggio interrato.



Dinamiche geomorfologiche e vegetative

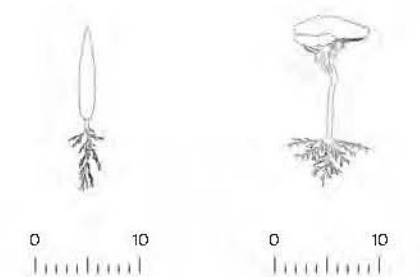
Macchia bassa ad "Ehphorbia dendroides" e "Pistacia Lentiscus"

[V1]



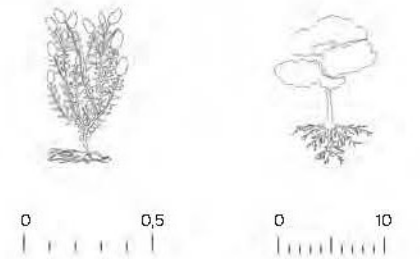
Bosco di "Cupressus" e "Pinus Pinea"

[V2]



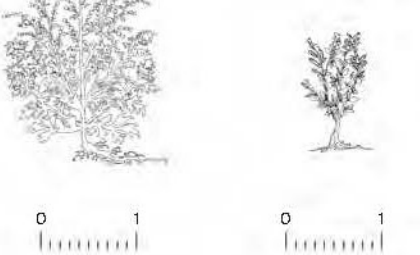
Macchia bassa ad "Thymus capitatus" con elementi arborei di "Pinus Halapensis"

[V3]



Macchia ad "Atriplex Halimus" con rari esemplari di "Artemisia Arborescens"

[V4]



Country/City

Italy / Cagliari

University / School

University of Cagliari / Faculty of Faculty of Engineering and Architecture

Academic year

2022/2023

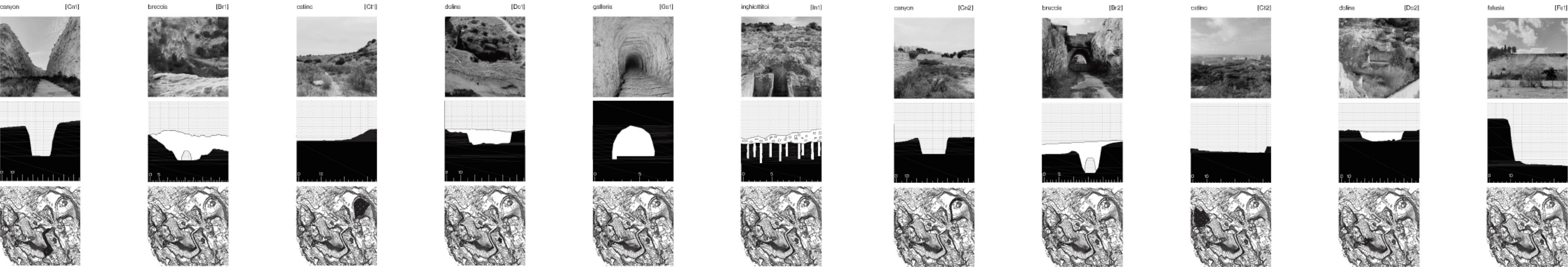
Title of the project

In-Cavo. Design of new cavities between the ground and the hypogeum in the Tuvixeddu Quarry Park

Authors

Martina Fanni

Title of the project	In-Cavo. Design of new cavities between the ground and the hypogeum in the Tuvixeddu Quarry Park
Authors	Martina Fanni
Title of the course	Towards New Terrestrial Landscapes - Forma Terrae graduation lab
Academic year	2022/2023
Teaching Staff	Adriano Dessì, Giorgio Peghin, Luca Floris, Gabriele Sanna, Roberto Sanna, Andrea Scalas
Department / Section / Program of belonging	Department of Civil, Environmental Engineering and Architecture (DICAAR)
University / School	University of Cagliari / Faculty of Faculty of Engineering and Architecture



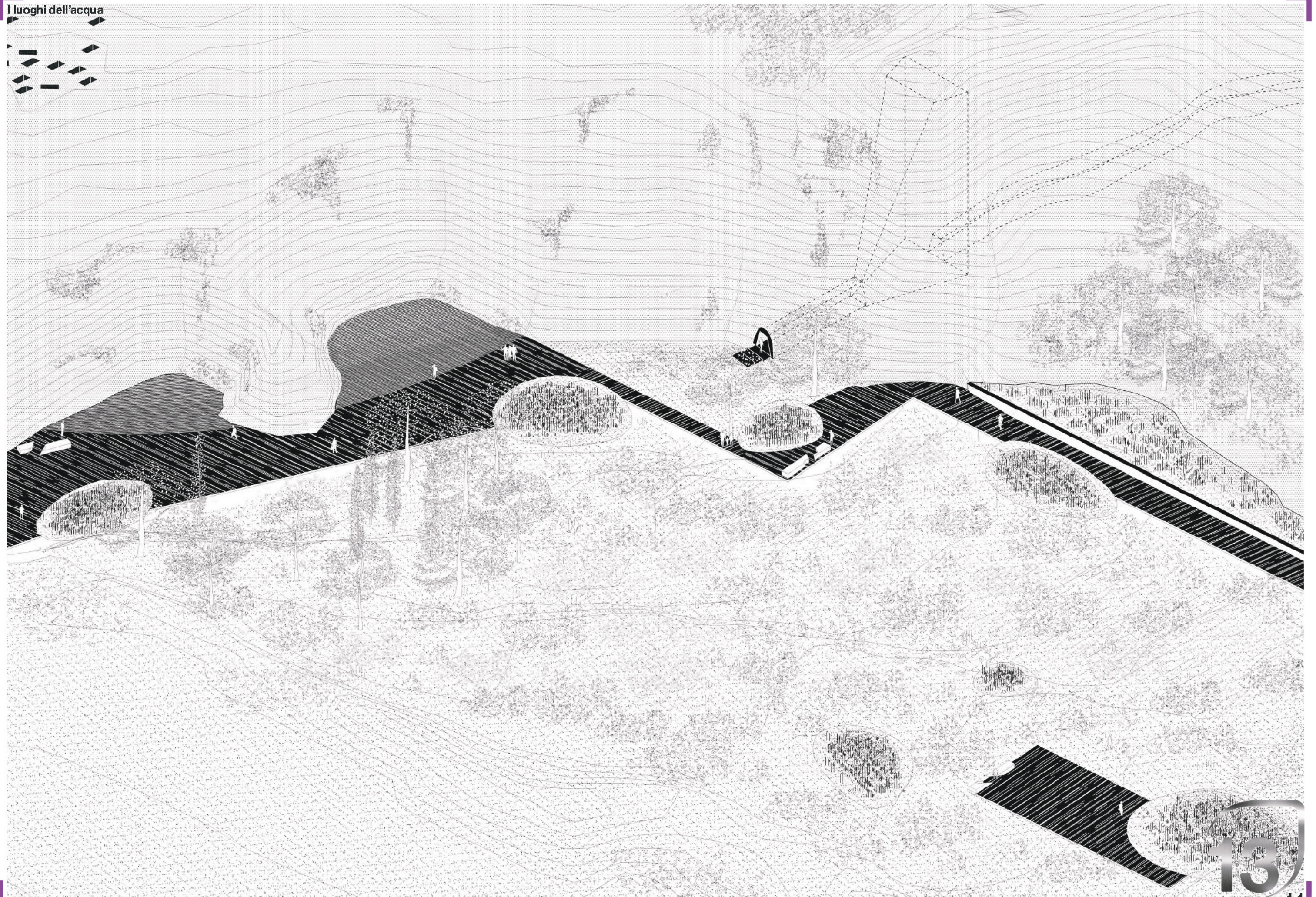
Written statement, short description of the project in English, no more than 250 words

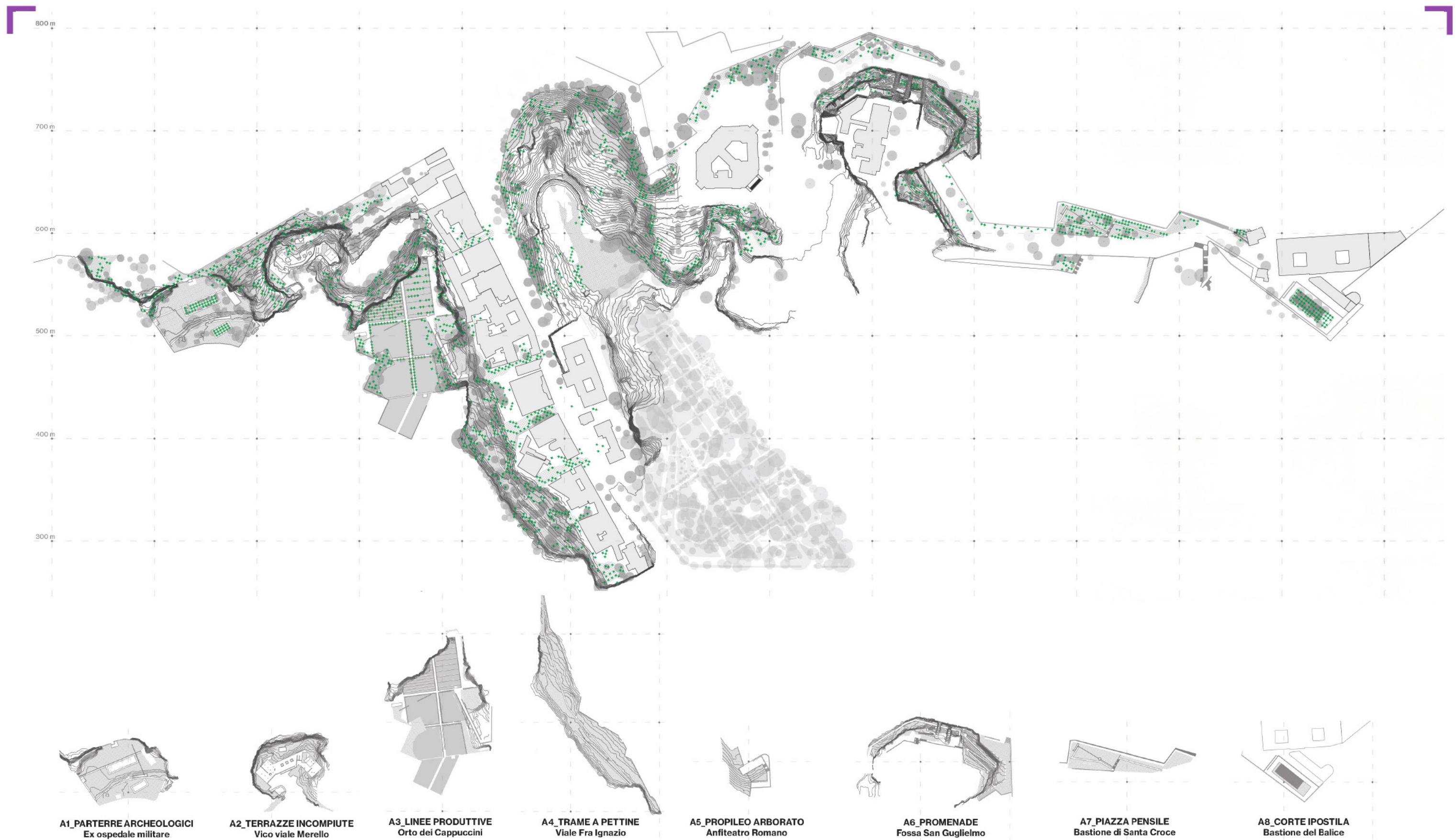
The hills of Tuvixeddu and Tuvumannu form a vast urban void that reflects a layered history of land transformations tied to burial practices and quarrying activities, which have shaped a deeply marked landscape. In the last century, soil exploitation played a crucial role in their exclusion from the urban context and in the loss of their centrality. Yet these very processes contributed to the formation of a new morphology, marked by a complex interplay of epigeal and hypogeal forms, each relating to the territory through its spatial scale and generating distinct types of space. These elements now define the new outlines of the hill and stand as unique and recognizable features of the contemporary landscape. Understanding them is essential to re-establish a genuine connection with the place. This seemingly devastated environment has gained a distinctive character through this “morphological evolution,” and still retains a strong identity. The voids become an expressive tool within the project, giving meaning and value to the solids—that is, what remains. The project aims to rediscover the genius loci by allowing these forms to emerge, while highlighting and completing the topography that defines them. By engaging with specific and singular places, the project seeks to express the site’s authenticity and formal diversity, animating the cavities through symbolic interpretation and re-rooting itself in the ground, working in dialogue with the enduring elements of the landscape: rock and water.

Barcelona International Landscape Biennial

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Country/City

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University / School

University of Cagliari / Faculty of Faculty of Engineering and Architecture

Academic year

2023/2024

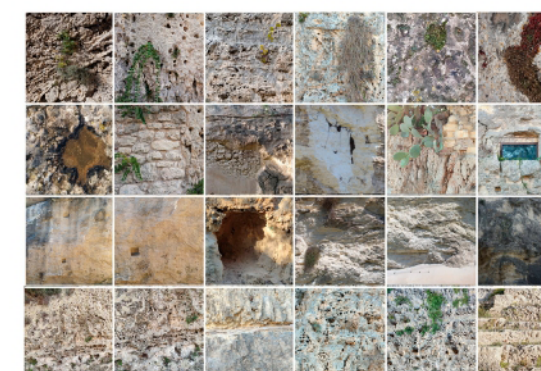
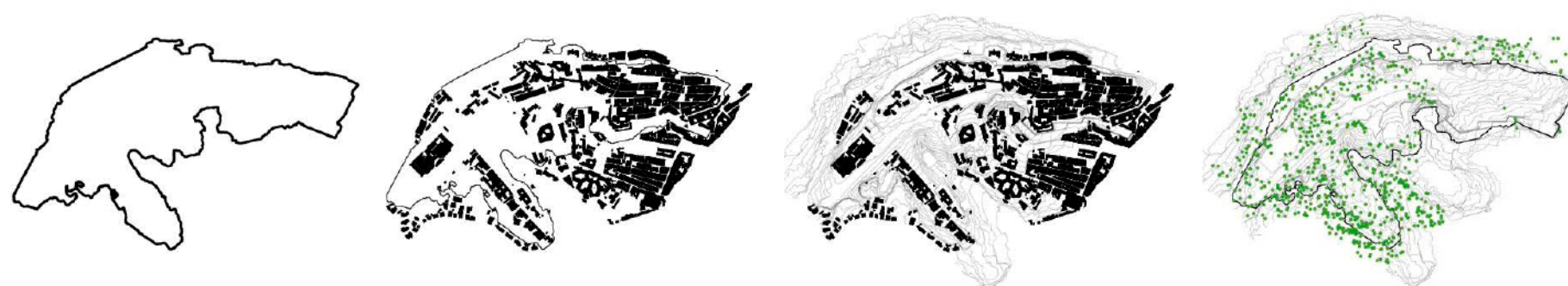
Title of the project

Wild coves. Ecological connections in the central system of the urban quarries of Cagliari

Authors

Fabio Piludu

Title of the project	Wild coves. Ecological connections in the central system of the urban quarries of Cagliari
Authors	Fabio Piludu
Title of the course	Towards New Terrestrial Landscapes - Forma Terrae graduation lab
Academic year	2023/2024
Teaching Staff	Adriano Dessì, Giorgio Peghin, Luca Floris, Gabriele Sanna, Roberto Sanna, Andrea Scalas
Department / Section / Program of belonging	Department of Civil, Environmental Engineering and Architecture (DICAAR)
University / School	University of Cagliari / Faculty of Faculty of Engineering and Architecture



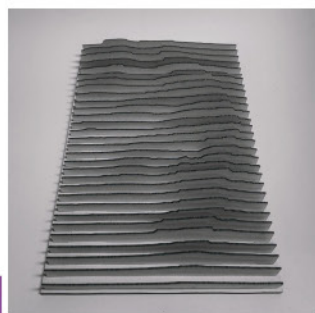
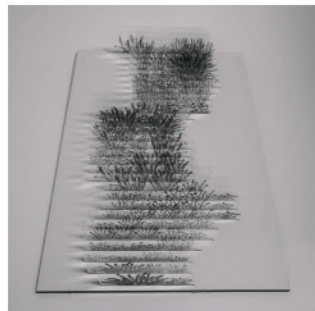
Written statement, short description of the project in English, no more than 250 words

The sea, in its continuous motion, delimits and identifies the island, tracing its boundaries and defining its relationships. Similarly, the urban form identifies a morphological system within which a coastline unfolds: irregular, hollowed out, jagged, stratified, rich in coves, where the soil shape meets the city and where formal and informal systems are arranged over time. Through the landscape project, the thesis work explores the urban littoral of Cagliari's central quarry system, following its course, reading its bends as places of tension and possibility, places where the wild spreads, where the urban retreats. Following these limits, through a coasting made of proximity and distance, new ecological potential is revealed, fragments of wild continuity that time has silenced, circumscribed, or overwritten. In this fragmented system, interpreting the tension generated between the wild dimension and that of the 19th-century formal garden, the thesis reasons out a new ecological continuity through the use of the wildness, capable of making space in the residual component that the city offers and activating new ecological dynamics. A continuity that is not built by imposing connections, but by allowing the spontaneous conditions of the landscape of the quarry to suggest them.

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INNESCHI ARCHEOLOGICI NELL'EX-OSPEDALE MILITARE

