

The Presidential Estate of Castelporziano - Design Workshop

Country / City	Italy - Rome
University / School	Sapienza Università di Roma
Academic year	2019 - 2020
Title of the project	The Presidential Estate of Castelporziano – Design Workshop
Authors	Giulia Cazzaniga, Ilaria Cellini, Mario Colonico, Viola Corbari, Rocio De Los Llanos Herrera Flores, Federico Desideri, Federico Di Cosmo, Emanuela Farano, Daniele Frediani, Magali Gilistro, Chiara Giuliani, Mirko Grotti, Manuel Lentini, Giulia Marino, Giampiero Mazzocchi, Elisa Monaci, Matteo Piccinno, Daniele Sandro Politi, Mattia Proietti Tocca, Daniele Stefano, Laura Zampieri

TECHNICAL DOSSIER

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Title of the course	PhD Landscape and Environment
Academic year	2019 - 2020
Teaching Staff	Alessandra Capuano, Gianni Celestini, Elisabetta Cristallini, Daniela De Leo, Fabio Di Carlo, Alfonso Giancotti, Federica Morgia, Luca Reale, Giuseppe Scarascia Mugnozza, Leone Spita
Department/Section/Program of belonging	DIAP - Dipartimento di Architettura e Progetto Dept of Architecture and Design
University/School	Sapienza Università di Roma

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

The ambition of the project located in the Presidential Estate of Castelporziano, recognized as Natural State Reserve in 1999 and included in the Natura 2000 network, is to create a strong bond with the metropolitan city of Rome enhancing the accessibility and the connection both to the city and to the surrounding territory, in order to promote the awareness of the visitors and the citizens on the unique value of the Reserve. The Workshop has developed from the collaboration between the PhD Landscape and Environment and the Presidential Estate scientific and technical commissions, with the aim to establish a better understanding of the ecological preservation processes and in order to offer an immersive experience to the visitors with the purpose of spreading the knowledge of its archaeological and cultural heritage and its wealth of biodiversity. The urban sprawl and water consumption are threatening this area and, for these reasons, the relevance of Castelporziano as a fragment of untouched wildlife and as an environmental monitoring system is nowadays more significant than ever. Based on this overture, the PhD group developed a multidisciplinary research and a multi-scalar approach that involves the interaction of four strategies: Perception, Water, Itineraries and Edges. The project suggests new lines of development taking advantage from the present conditions, to solve hard issues while providing a genuine experience of the landscape, bringing a rounded vision on this reservoir of true biodiversity that is to be protected and nourished.

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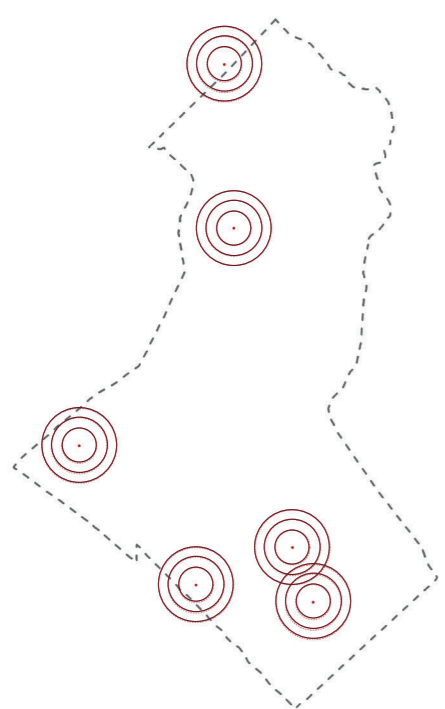
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CLIMATE CHANGE AGAIN

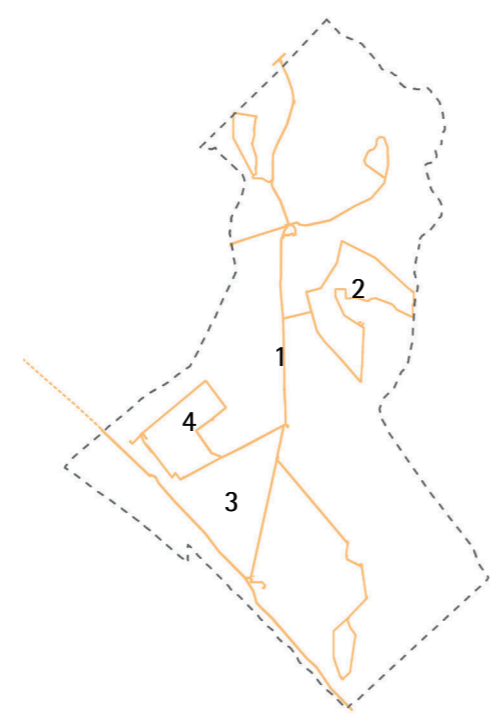
11th International Biennial Landscape Barcelona

Barcelona September 2020
SCHOOL PRIZE



perception

A system of devices containing synaesthetic art installations recalling peculiar landscapes and identities of Castelporziano is meant to create a new communication for the Natural Reserve.



itineraries

The proposal completes the existing route network and strengthens the north-south central axis (1). Three thematic itineraries are open to different fruition systems: agroRoman (2), via Severiana (3), sylva laurentina (4).



edges

Edges are an opportunity for exchange between Castelporziano and its territory, through a soft mobility network and connecting to the center of Rome and to the coast. This thickness opens towards the adjacent widespread city creating physical and visual contact with the Reserve.



water

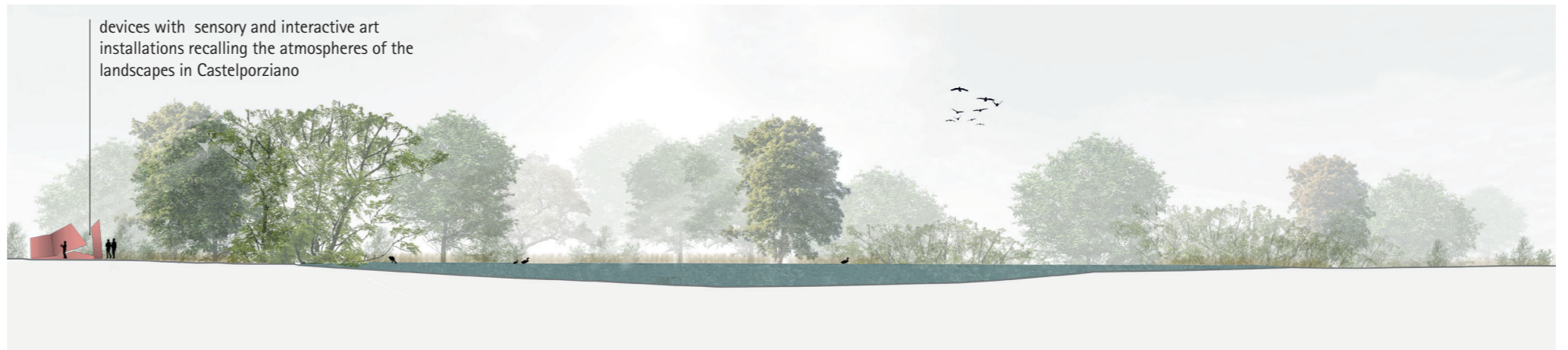
The project interacts with the evolutionary dynamics of the system of fresh and salt water. Its strategies are the naturalization of the main remediation channels and fresh water infiltration, in order to counter the penetration of salt water in the rear dune belt of the Natural Reserve.



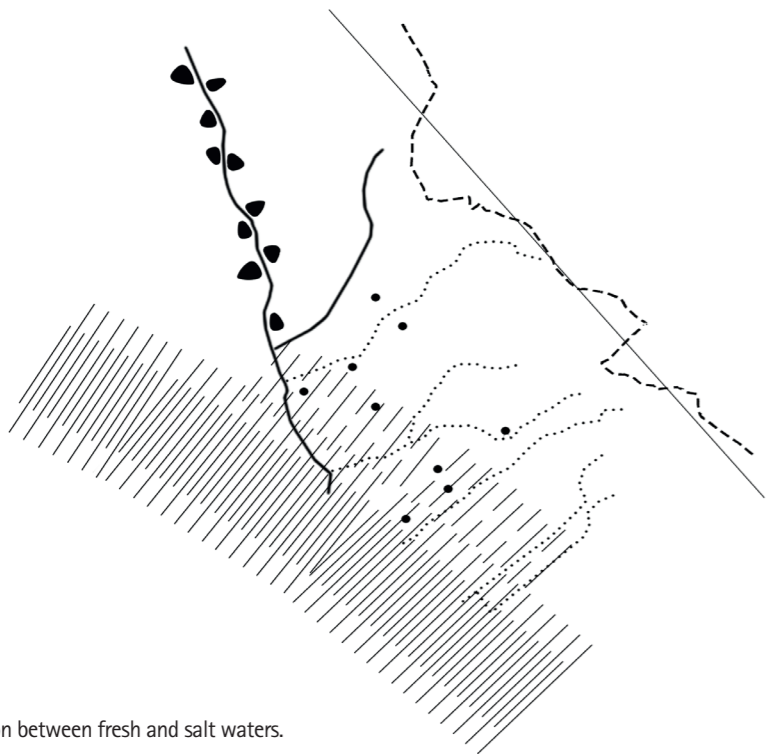
Perception. Landscape and atmospheres



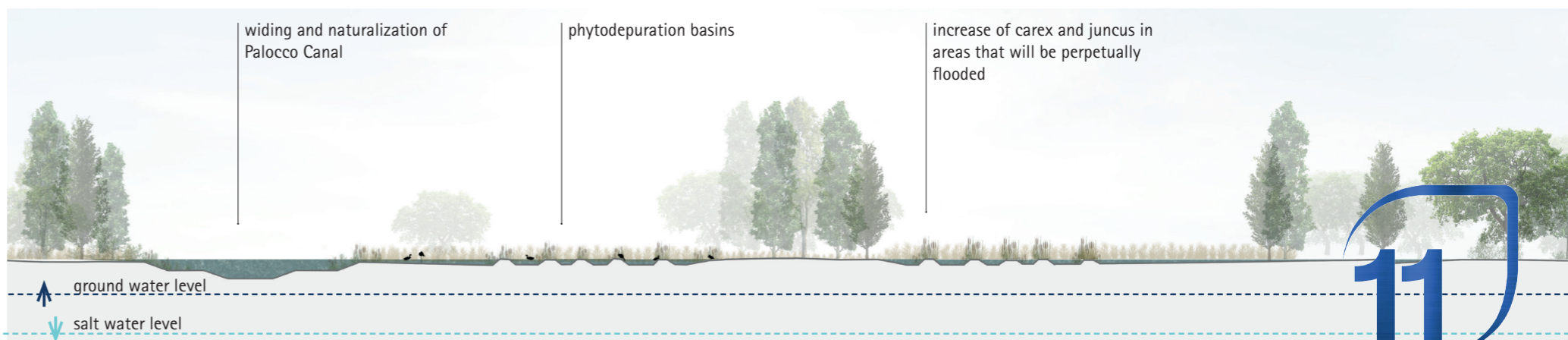
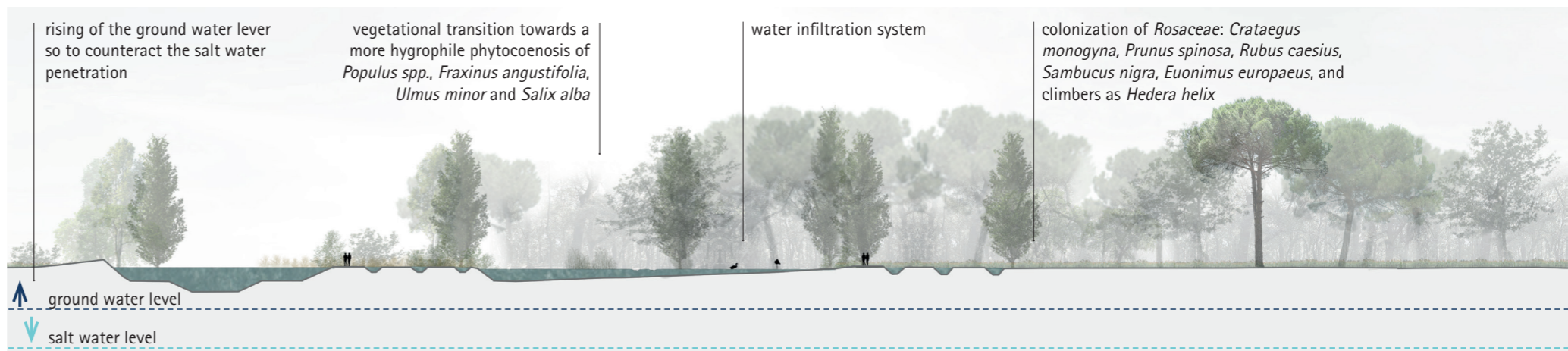
The devices outside Castelporziano create intangible connections between Rome and the Reserve, symbolically bringing into the city the landscapes of the Nature Reserve.



Water. Strategies for the coexistence between fresh and salt water



Interaction between fresh and salt waters.

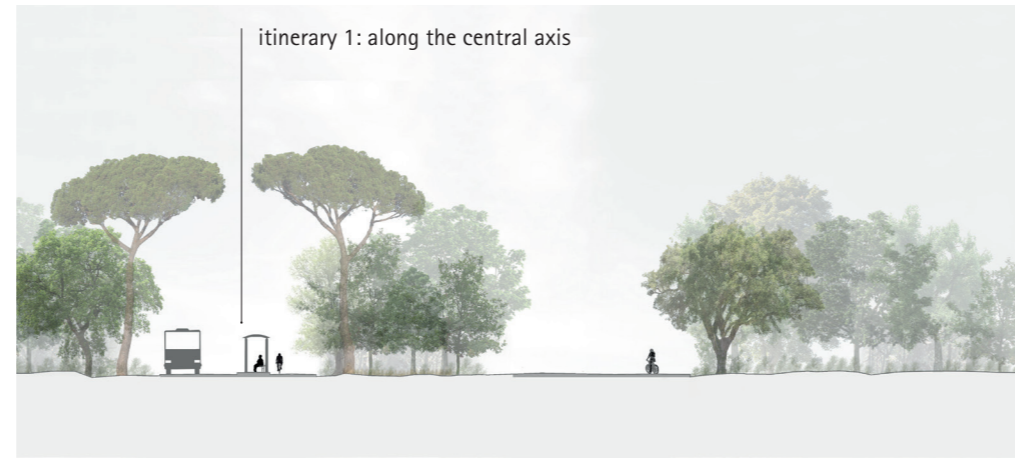


Itineraries.

A system of itineraries to visit and get to know the Natural Reserve

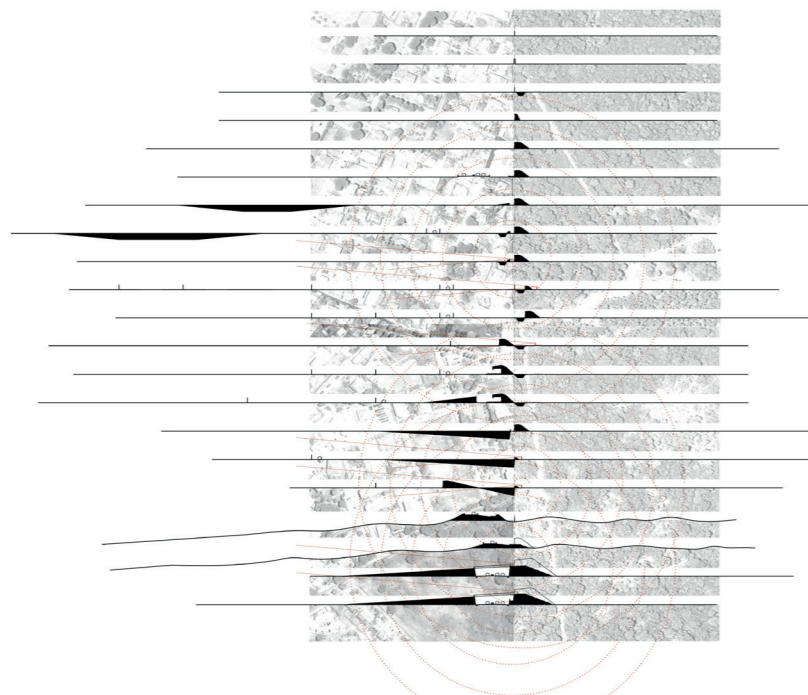


The AgroRoman Path: pathway in blocks of tuff, wooden cladding and bricks. The structure works as separation element (or fence) between different naturalistic areas.



Edges.

Design opportunities along the Natural Reserve



The border as a "sentient thickness", changes along the edges providing different spatial conditions.

