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SYLLABUS

SUSTAINABLE RECONSTRUCTION IN URBAN AREAS

C2 - International Student Workshop
Venice

Valmarana-Salvi Gardens
Vicenza

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Enhancing of Heritage Awareness and Sustainability of
Built Environment in Architectural and Urban Design
Higher Education



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SYLLABUS: sustainable reconstruction in urban
areas

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SYLLABUS: sustainable reconstruction in urban areas

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Sofia Tonello

Introduction

Sustainable Reconstruction
Social and cultural awareness

Introduction

Sustainable Reconstruction and Social and cultural awareness

More than **90% of listed cultural heritage** properties are Architecture or Historical gardens. The Valmarana Salvi Gardens are part of this built heritage. The existing buildings on site have lost their original function but still have **cultural, historical, architectural, spatial and economic values**.

Since the Renaissance, the garden has maintained its allure, becoming a central area in the city and territory transformations. In recent years, the social and economic needs have transformed the site into a **marginal area** with an important potential.

The area counts more than **3.000 m² of built heritage** and more than **12.000 m² of open space**. The Valmarana Salvi Gardens are **5 minutes away from the central station** and **10' from Piazza dei Signori**, the square in front of the Palladian Basilica.

The place's strategic position and cultural and historical values help to rethink the possible **adaptive re-use** and **sustainable reconstruction** in urban areas (Construction and demolition waste).

The European Report of *"Built Cultural Heritage - Integrating heritage buildings into contemporary society"* project highlights how the adaptive re-use of historic buildings is helping to **revitalize neighbourhoods and old cities**. Actions on adaptive re-use of heritage buildings need to consider the requirements related to the legally protected status of heritage and should be based upon the principle of "minimum intervention" (Built Cultural Heritage - Integrating heritage buildings into contemporary society).

With the consideration of heritage as a social, economic and political resource, the workshop suggests to look at Heritage to reframe relations between all the involved stakeholders, highlighting the essential role of **inhabitants and communities**, as suggested by the Faro Convention (Convention on the Value of Cultural Heritage for Society - Faro Convention, 2005).

Lectures, on-site visits and workshop sessions aim to increase students' awareness of the Cultural Heritage and Sustainability concepts. Sustainable use of Cultural and Built Heritage will be discussed as part of sustainable social, cultural and economic development as stated in the Faro convention (art.9 and art.10). The principles for **sustainable management and regulation** for the reconstruction of the cultural relationships will be an opportunity for discussion and debate during the students' workshop. In drafting the project strategy, the formulation of a multi-sectoral objective and vision is central, including the redefinition of the purpose of historic buildings as value-oriented buildings, translating these intentions into public policies.

The workshop will deal with cultural heritage and sustainability themes through the following points:

- Identifying and testing the **best practices** of adaptive heritage re-use;
- Mitigating the impacts of climate change and natural hazards on cultural heritage by strengthening the **resilience of sites and communities** and promoting the sustainable reconstruction of urban areas;
- Developing an **innovative, collaborative and systematic approach** to promote effective regeneration and adaptive re-use in the historical area.

The workshop main purpose is the investigation to understand how historical gardens could influence contemporary communities and designers. The workshop tries to illustrate the enduring impact of the cultural and historical places and encourages us to re-think them through **contemporary viewpoints**.

From the on-site experience, students will revise to mappings concerning the Cultural Heritage of urban areas.





Figure 01 | Valmarana Salvi Gardens and the City of Vicenza
Graphical elaboration from Vicenza GIS by Giulia Rossi

Case study

Vicenza - Italy
Valamarana Salvi Gardens
Built Heritage

Federica Alberti
Giulia Rossi

Case study*

Valmarana Salvi Gardens - Vicenza (Italy)

*revised text from master degree research thesis: "Fiera della nostra storia. Restauro, valorizzazione, creatività. Un nuovo centro espositivo per l'ex Fiera Campionaria di Vicenza". A.Y. 2016-2017. by Margherita Possamai, Sofia Zanotto. Relator: prof. Emanuela Sorbo

The City

IO3 statements reference: Urban Heritage

The City of Vicenza is an ancient city in the foothills of the Veneto Region.

Its geographical position in the alluvial corridor between the Berici and Lessini mountains and the Po valley is an important historical crossroad between Lombardy and eastern Veneto.

The first evidence of this urban centre goes back to the Roman castrum's foundation in the II century. B.C.

Romans organized the city centre on a quadrangular plan of 500 x 600 meters. Today we recognize the Decumano Maximus, now Corso Palladio, and the Cardo Maximus, probably Corso Fogazzaro. The early medieval city has transformed the Roman geometries by redesigning the limit in less rigid forms, nearly as a circle, following the natural and geomorphological limits of the territory and partially leaning on the Bacchiglione river. The *forma urbis* included green areas close to the walls that penetrated towards the Ponte degli Angeli and the large area of Campo Marzo.

The urban asset of Vicenza Historical Centre is made up of a wide variety of urban elements and, since its origins, it has had a close relationship with the green system and the geomorphological system (such as the waterways and the surrounding hills).

Vicenza rose and prospered during the Venetian period from the beginning of the 15th century until the 18th century. During the 16th Century Andrea Palladio and his pupils, as Vincenzo Scamozzi, worked in the city and changed its shape. The *palazzi*, or townhouses, were fitted into the urban asset of the medieval city, creating picturesque ensembles and continuous street façades in which the Veneto Gothic style combines with Palladio's articulated classicism.

The major urban transformations took place from the XIX century when road transport began. In this period, the railway and the areas of Campo Marzo and Parco Querini were built.

Figure 02 | Vicenza 2021

Google Earth view elaborated by Federica Alberti, Investigation project: Vicenza visioni. Conoscenza, valorizzazione e conservazione di luoghi e architetture di rilevante interesse culturale - 2021



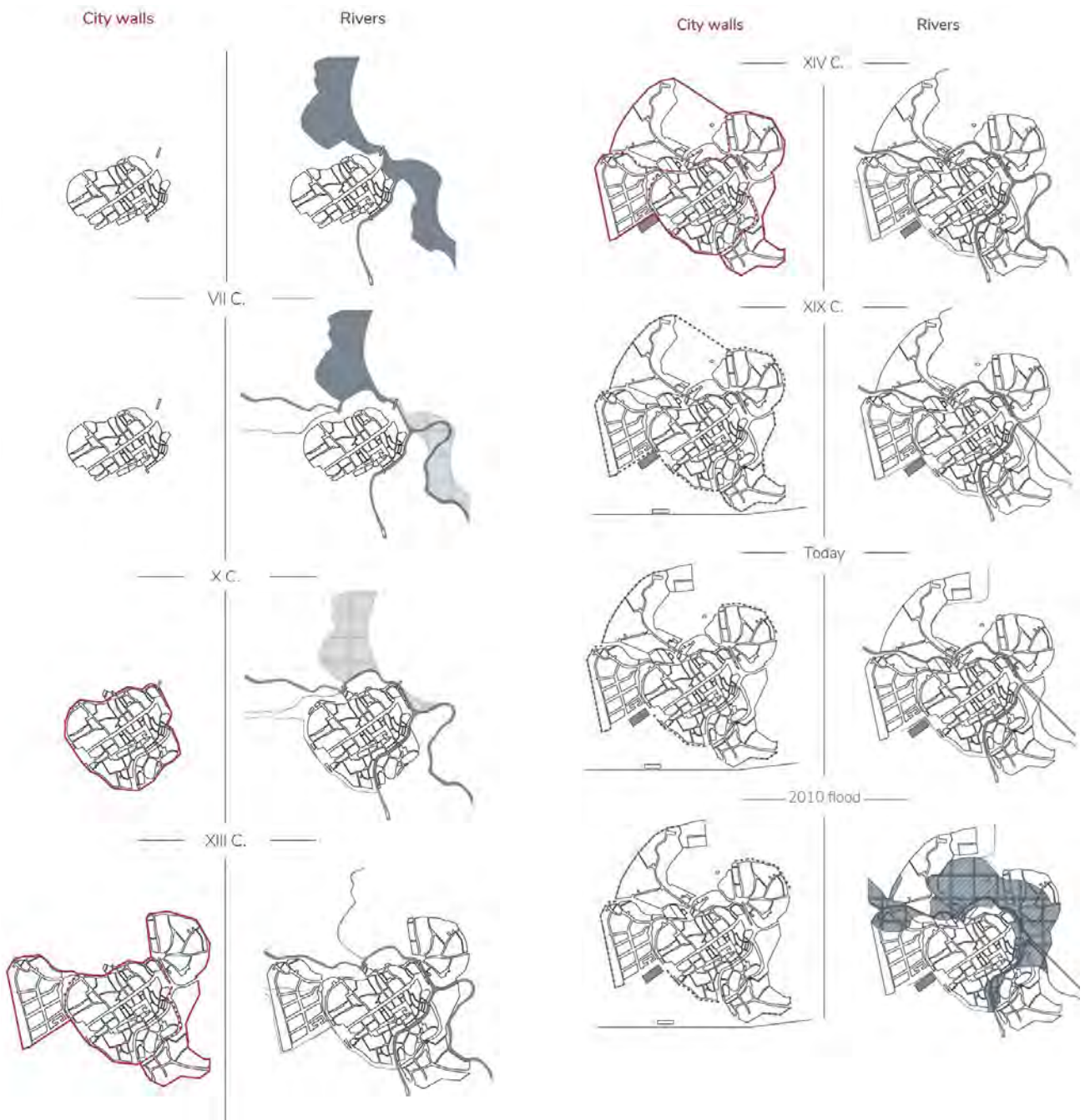


Figure 03 | Vicenza city walls and rivers trasformation
Graphical elaboration by Tommaso Moretto

The bomb attacks of the Second World War (1943-45) hit the city hard, destroying numerous valuable and cultural buildings. After the war, starting from the 1950s, strong economic and industrial development made it one of the richest cities in Italy: many public buildings were rebuilt, many of them built *ex-novo* and saturated the urban voids.

Urban transformations have brought a substantial change in the definition of green spaces, with the new buildings and the city expansion. In the historic city centre of Vicenza, only the sixteenth-century Valmarana Salvi Gardens maintained their identity unchanged. In 1946, the Trade Fair was inaugurated in the new pavilions of the Vicenza Fair in the Valmarana Salvi Gardens. In the 70s, the new West Industrial Zone began to take shape with the new headquarters of the Fair. Vicenza became the world capital for gold processing and the third Italian province for exports.



Figure 04 | Viale Roma. tree-lined avenue connecting the railway station to the southern gardens entrance.



Figure 05 | The Valmarana Salvi Gardens.

Unesco Serial Site

IO3 statements reference: Heritage Sites, Monumental Heritage

The city of Vicenza and the Palladian Villas in Veneto are part of a Unesco Serial Site that includes the city of Vicenza and twenty-four Palladian villas. Since 1994 the city of Vicenza, twenty-three buildings attributed to Palladio and three *extra-moenia* villas has been inscribed in the World Heritage List. From 1996 other twenty-one villas located in different Veneto provinces have been registered to the same Unesco Serial Site.

UNESCO web site >>
IT UNESCO web site >>



Figure 06 | View of Loggia Valmarana from Seriola watercourse.



Figure 07 | View of Loggia Longhena from Seriola Fair pavillon rooftop.

Valmarana-Salvi Gardens

IO3 statements reference: Cultural Heritage, Monumental Heritage, Industrial Heritage, Modern Heritage



Figure 08 | 1. Former Giusti School (1907), 2. Loggia Longhena (1649), 3. Loggia Valmarana or Palladiana (1592), 4-5-6. Former Trade Fair of Vicenza (1947-48).

Graphical elaboration from Vicenza GIS by Giulia Rossi

Valmarana-Salvi gardens were built between 1552 and 1555 as a private garden connected to the residence of the Valmarana family, located along the Scaliger walls. The gardens were opened to the public starting from 1592, on this occasion was built the Palladian Loggia Valmarana, located on the northeast of the Seriola watercourse. Almost a century later, in 1645, Gianluigi Valmarana asked for a glorious entrance by Baldassarre Longhena. This transformation connected the area to Campo Marzo and made this site part of an urban promenade that linked the city to the territory.

In 1649, Baldassarre Longhena also designed the second loggia "Loggia Longhena" on the north-western side of the watercourse. Over the centuries, both loggias have been a welcoming place for guests of the gardens.

Until the eighteenth century the gardens were characterized by the typical Italian "parterre" with a geometric layout. In the nineteenth century, the Salvi family change the setting of the gardens creating romantic paths and new vegetation in English style. This morphology still represents the gardens today.

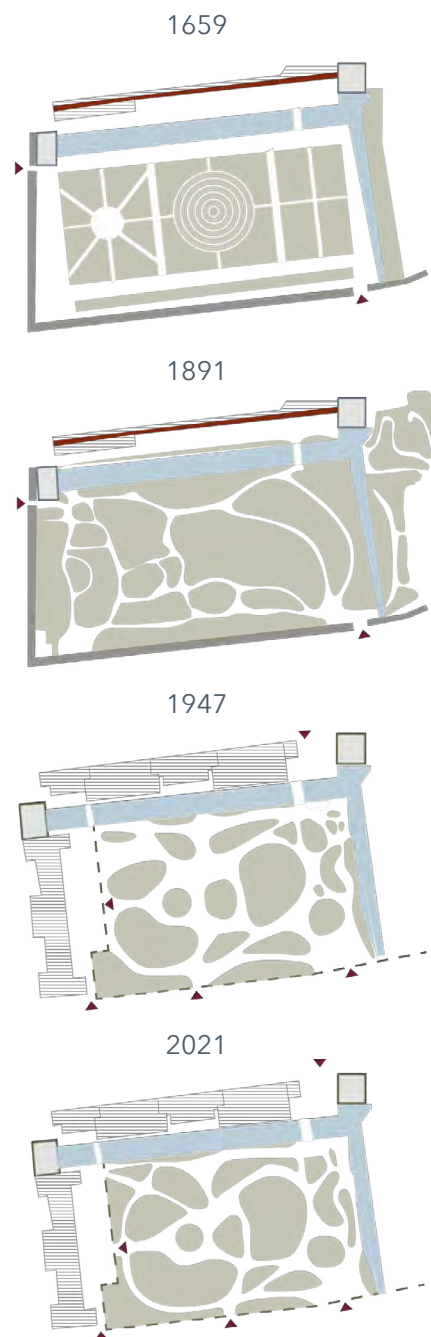


Figure 09 | Valmarana Salvi Gardens transformation
Graphical elaboration by Giulia Rossi



Figure 10 | The Valmarana Salvi Gardens.

Valmarana-Salvi Gardens are the result of many transformations during time. Modifications and the position next to the historical centre have always been considered a critical value of this site. In 1897 the neighbouring wall was replaced by a wrought iron gate, visually connecting the gardens with the outside and the nearby Campo Marzo.

The strategic location of Valmarana-Salvi Gardens, located near one of the oldest entrances in the city (Porta Castello) and directly accessible from the train station, favoured transformations during the 19th and 20th centuries.

The gardens were the site of significant cultural events during this period.



Figure 11 | Route that goes from the railway station to the Garden and from the Gardens to the city center.

Graphical elaboration from Vicenza GIS by Giulia Rossi



Figure 12 | Valmarana Salvi Gardens access from the City

Graphical elaboration from Vicenza GIS by Giulia Rossi

Among all, we can mention the Veneto Regional Exhibition of Decorative Art and the Trade Fair. Between the two loggias, it is possible to find two pavilions designed by Sergio Ortolani. From 1947, these buildings hosted the Trade Fair of Vicenza and have undergone many transformations that incorporated the ancient medieval walls into the modern buildings. Due to the industrial and manufacturing development of the city and the territory over the years, the Valmarana-Salvi Gardens spaces became inadequate.

Between 1964 and 1971, instead of hosting the Trade Fair, the Gardens pavilions started to host small temporary exhibitions. Later on, the pavilions were transformed until the mid-1980s into a Cinema, then in the house of an athletics gym, and since 1994 in a dance society.

Between 2008 and 2011, part of the building was used by the Department of Business Administration of the University of Verona. The Giusti school was closed in 2010, and the Giardini Valmarana-Salvi Gardens pavilions are now used for social and cultural activities.

Currently, the gardens spaces are open to the community, but the abandonment of the site and the conservation status of the buildings prevent any type of usage.



Figure 13 | the Valmarana Salvi Gardens.



Figure 14 | View of the exhibition complex.



Figure 15 | Contrà Mure Porta Nova. The north fair-grounds develop along the road and relate to the surrounding buildings



Figure 16 | View of the Longhena Lodge

Monumental and Landscape legislative protections

IO3 statements reference: Cultural Heritage, Monumental Heritage, Industrial Heritage, Modern Heritage

The Salvi Gardens - The gardens, which date back to the XVI century, have undergone several modifications over time but still maintain their identity, especially concerning their extension and borders. The bond decree dated 15th July 1949 that recognised the gardens as cultural heritage reads: "In accordance to the law regulating the protection of natural beauties (...) the commission of the province of Vicenza has included the Valmarana Salvi gardens (...) amongst the sites to be preserved". Therefore, this passage is the act that granted protection of the cultural values to the garden, protection that are still subjected to. In addition, the gardens have been declared of significant cultural interest under the Legislative Decree n. 42, issued 22nd January 2004 (Code of Cultural Heritage) and, as a result, cannot undergo any intervention without the authorization of the Superintendence. As Article 10 of the Code of cultural and landscape heritage says, restrictions include the Longhena Lodge and the south portion of the Gardens, where exhibitions complexes are located.



Figure 17 | Localisation of the Valmarana Salvi Gardens
Graphical elaboration from Vicenza GIS by Giulia Rossi

The elementary school - In accordance to the Legislative Decree of 30th March 2001, n.165, the Giusti elementary school is subjected to the following restrictions: existing volumetry is not to be increased, and interventions on the façades have to respect the existing formal styles” - The school is therefore subjected to an indirect monumental legislative protection, which is usually applied to buildings that are in close relation with areas subjected to a direct monumental legislative framework (like, in this case, the Salvi-Valmarana gardens).



Figure 18 | Localisation of the Giusti School
Graphical elaboration from Vicenza GIS by Giulia Rossi

The lodges - The Longhena Lodge, together with the gardens, is declared of cultural interest by a direct monumental legislative protection and, as a result, the lodges cannot undergo any intervention without the authorization of the Superintendence. The same applies to the Valmarana Lodge, even if it is not included in the gardens’ perimeter of protection.



Figure 19 | Localisation of the Lodges
Graphical elaboration from Vicenza GIS by Giulia Rossi

The exhibition complex - The exhibition areas were built during 1947 and 1948: after the construction of the west pavilion and part of the east pavilion, works stopped for some months and resumed in 1948, with the completion of the latter and the realization of the central pavilion. Since that more than 70 years have passed after their construction, the parts of the complex dated back to 1947 are protected. The central pavilion and the extension of the east pavilion built a year later are not protected by any restrictions, except for the southern portion of the central building, which falls within the boundary perimeter of the Valmarana Salvi gardens.



Figure 20 | Localisation of the Exhibition complex
Graphical elaboration from Vicenza GIS by Giulia Rossi

Sofia Tonello
Giulia Rossi
Federica Alberti
Gianluca Spironelli
Marco Tosato

Main topics

Collective perception
Multi-scale Accessibility
Suspended fragments

Main Topics

Each group will work on one of the following themes. luav Team will provide specific teaching material (main common material related to Vicenza Historical Center and specific to Valmarana-Salvi Gardens and its buildings). Each workgroup will investigate the case study with an interdisciplinary attitude at the specific scale presented in the topic. Students will be allowed to work in an inter-scalar way.

Topic 1

Collective perception of urban spaces through time and memory. The Valmarana gardens, as a place of "delight", returned to the city

IO3 statements reference: Cultural and Collective Memory, Public Advocacy for Social Participation

The aim is to rethink the urban role of Valmarana gardens and their related buildings, highlighting the collective and historical value of the area. The analysis aims to relate the public spaces of the Historical Center of Vicenza with the gardens and its buildings. The place's valorisation will include, at different scales, new connection spaces for the city and the community of Vicenza.

Objectives:

The topic provides solutions concerning the enhancement of Valmarana-Salvi Gardens' collective memory. Students achieve critical awareness and analytical tools necessary to develop design strategies for environmental, social and cultural sustainability for Urban Areas reconstruction. From the urban scale to the "garden" scale, students should focus on identifying historical and contemporary community places of Vicenza (the study could be developed from the scale of 1:500 to 1:10000). At the Valmarana-Salvi gardens dimension, the analysis should relate the urban community aspect to the gardens and its buildings (the study could be developed from the scale of 1:500 to 1:100). This analysis aims to develop environmental, social and cultural sustainability for the public spaces of Vicenza Historical Center and the abandoned building in Valmarana Salvi Gardens.



Topic 2

Accessibility, routes and paths. A cultural approach to the project as a tool for a critical and multi-scale re-reading of the historical city relational spaces

IO3 statements reference: Design for all in Cultural Heritage, Cultural Routes and Itineraries,

The purpose is to relate the Valmarana-Salvi Gardens and their buildings with the urban context through a critical interpretation of the signs and traces of time and history of Vicenza. Paths could become an evaluation tool for a sustainable redevelopment project of the historic centre and its heritage. The first evaluation moment during the visit will allow students to immerse themselves in the city and identify the design solution's values.

Objectives:

The topic aims at identifying accesses, routes and paths that bound the Valmarana-Salvi Gardens to Vicenza Historical Center. Students achieve critical awareness and analytical tools necessary to develop design solutions to translate the historical path in narrative and accessibility design tools for urban areas' environmental, social and cultural sustainable reconstruction.

The analysis will concern architectural and urban scales. Students will recognise the value of the connection and accessibility in buildings and gardens on the architectural scale (the study could be developed from the scale of 1:500 to 1:100). According to the urban scale, they will imagine the analysis of the relations between Vicenza Historical Center and Valmarana-Salvi Gardens through the historical and contemporary experience of the city roads and accesses (the study could be developed from the scale of 1:10000 to 1:500).



Topic 3

Reading the city through its urban ruins. Re-design purpose for the “waiting” places cultural network

IO3 statements reference: Regeneration, Temporary planning and Meanwhile spaces, Adaptive Reuse

The topic considers abandoned places as suspended fragments, part of a network of “waiting” places within the urban area. In the sustainable reconstruction of cultural heritage background, the analyses will aim at recognising gardens, private buildings, former monastic complexes, industrial areas etc., as tools for understanding the city over time and as an opportunity for valorizing the Historical Centre.

Objectives:

The topic aims at changing the perception of abandoned sites and buildings, such as Valmanara-Salvi Gardens and other monumental or culturally relevant areas in Vicenza. Students achieve critical awareness and analytical tools necessary to develop design programmes and tools to investigate, regenerate and temporarily reuse abandoned places and buildings for urban areas’ environmental, social and cultural sustainable reconstruction.

The analysis will concern architectural and urban scales. Students will identify and map the culturally, historically and socially relevant abandoned places and buildings in the Historical Center of Vicenza (the study could be developed from the scale of 1:10000 to 1:500). They will translate the network of “waiting” sites in a sustainable reconstruction of Vicenza Historical Center using Valmanara-Salvi gardens’ buildings as an experimental case study (the study could be developed from the scale of 1:500 to 1:100).



Didactic Tools And Strategies

Collaborative cartography, Historical-Critical Interpretation, Artistic approaches (photography, video, performance), Environmentally Responsive Design, Public Advocacy for Social Participation, Adaptive Reuse Temporary planning and Meanwhile spaces, Cultural Enhancement

Didactic Tools And Strategies*

IO3 statements reference: Collaborative cartography, Historical-Critical Interpretation, Artistic approaches (photography, video, performance), Environmentally Responsive Design, Public Advocacy for Social Participation, Adaptive Reuse, Temporary planning and Meanwhile spaces, Cultural Enhancement

* Definition developed in the previous Hersus Intellectual outputs (IO3)

Students will apply the collaborative cartography tools to verify the possibility of implementing a scientific output, such as a (web)GIS map, with a critical and creative approach concerning cultural heritage and sustainability.

Through historical-critical and creative analysis, students will develop an awareness of the tangible and symbolic identity of Cultural Sites aimed at enhancing recognized identities and at the design of urban and architectural works oriented towards compatible and adaptive reuse. Sustainable reconstruction in urban areas has not to be intended as a definitive solution but as part of a process of continuous modification in which cities and architecture are involved during time. This deep relation with time has also to be translated in terms of sustainability aimed at the development of Passive/Active Sustainable Design and Environmentally Responsive Design that involves the communities.

Collaborative cartography **Viviana Ferrario**

Collaborative cartography is an emerging approach in map production, combining (web) GIS and user-generated content in a collective process in which a group of individuals or entities contribute map elements to a common geographic information system.

Collaborative cartography, together with participatory mapping and public participation GIS (PGIS), focuses on the importance of engaging community-centred processes of map production to raise people awareness and empower citizens in different fields of action, such as to take an active role in spatial and landscape planning (i.e. the so-called "parish maps" or "community maps"), or to react to oppressive systems and design pathways for alternative futures, especially in developing countries and where indigenous cultures are in danger.

While participation is increasingly considered a key to success in many conservation-related projects, the potentialities of collaborative cartography in the field of heritage conservation

do not seem to have been systematically explored yet. Collaborative cartography and participatory mapping can provide an especially effective method for a community to identify and communicate the resources and values they deem important, representing then an interesting perspective for heritage studies and for conservation policies and practices.

Historical-Critical Interpretation **Gianluca Spironelli, Sofia Tonello**

The meaning of the word "interpretation" is the capability to find precise and individual design solutions to the same problem.

The HCI is a tool that permits the identification of a synthesis of problems investigated from different points of view and different scales. This workflow helps to find the most suitable design solutions to the issue related to cultural and historical contexts. This kind of approach bound multiple aspects of places' issues over time, highlighting different subjective design approaches on the same topic.

Artistic approaches (photography, video, performance) **María Carrascal**

Creative and Artistic Approaches to Cultural Heritage and Sustainability have had diverse conceptual scopes and formalizations along the second half of the 20th century, eventually becoming a differentiated path for safeguarding and promoting valuable contexts, being today identified by the European Commission in a particular cluster for research and action (Culture, Creativity and Inclusive Society: European Cultural Heritage and Cultural and Creative Industries, The New European Bauhaus, 2021-2022). With the avant-gardes of the 20th century and, more profoundly, in the revolutionary decades of the 1960s and 1970s, artistic communities had a significant role in pioneering processes of identification, appropriation and protection of a significant emerging historical and contemporary heritage. With the turn of the current century, in a

period of intense development, these approaches strengthened its links with the economy. First the cultural and later the englobing creative industries acquired relevance as promoters of growth and job creation, outlining an integral model of (creative) city. It would be the financial crisis of 2008 and the health crisis of 2020, which enhanced its social meaning: citizens as a creative agents and drivers of urban innovation and creative communities as advocates of a new sustainable consciousness and civic economy operate heritage as a resource for social well-being. The Creativity-Heritage-Sustainability combo, ultimately, has different scopes, architectural and urban patterns, which go from singular obsolete spaces recycled into cultural or creative centers, district and city models with a reinforced cultural and creative identity, towards innovative regenerative processes through temporary, tactical and adaptive techniques. Current contemporary creative city-making, its alternative, civic, and inclusive methodologies and instruments (photography, video and media; site-specific works, performances, participatory/inclusive activism, etc.), become, therefore, a necessary transversal field of knowledge in the education of cultural heritage and sustainability.

Environmentally Responsive Design **Stavroula Thravalou**

Environmentally responsive design caters for adapting to the local climate and geomorphology in order to accommodate the daily needs of the occupants. This design approach utilizes solar energy and other related environmental resources to provide indoor and outdoor human thermal and visual comfort. Some of the practices employed refer to the siting of the building, consideration of solar access, collection of rainwater, use of vegetation for shading or wind protection, use of local materials and thermal mass etc. In this respect, vernacular architecture has a lot to teach contemporary architects and engineers, as it has evolved through time incorporating passive design strategies that are specific to a given

climate, site, building function and use. Raising awareness regarding the ways of incorporating passive and environmentally- driven design processes has important educative benefits, as such knowledge can be used both in conservation of heritage buildings and complexes, and in new constructions.

Public Advocacy for Social Participation **Alkmini Paka**

In 2018, EUROPA NOSTRA in its document titled "Awareness Raising and Advocacy" states: Advocating heritage is a demanding, ethical, political and social activity that is highly complex.... Raising awareness and advocacy campaigns in the heritage field imply organized communication activities which aim to create awareness on particular topics related to heritage; influence perceptions, beliefs, attitudes and behaviour among the targeted population; and change specific policies and practices. Social participation in heritage management and relevant decision making processes, presupposes all previous actions and is explicitly demanded by various international conventions and recommendations on heritage issues. UNESCO in the RECOMMENDATION ON THE HISTORIC URBAN LANDSCAPE (even though this is applicable in all heritage types), states: Civic engagement tools should involve a diverse cross-section of stakeholders, and empower them to identify key values in their urban areas, develop visions that reflect their diversity, set goals, and agree on actions to safeguard their heritage and promote sustainable development. Regarding the interpretation and presentation of heritage for engaging local communities in such processes, in the ICOMOS CHARTER FOR THE INTERPRETATION AND PRESENTATION OF CULTURAL HERITAGE SITES is stated: The training of qualified professionals in the specialised fields of heritage interpretation and presentation is a crucial objective. Basic academic conservation programmes should include a component on interpretation and presentation in their courses of study.

Adaptive Reuse

Ana Zorić

Adaptive Reuse is defined as the process of adapting an object to a new function while retaining its authentic architectural characteristics and values. The process seeks to preserve the existing physical structure as much as possible, to preserve the historical value of the heritage, leaving the possibility for repair refurbishment and adding of the necessary elements. This reduces the consumption of building materials, resources, and energy for new construction. On the other hand, the adaptation to the new purpose enables the active life of the building in contemporary conditions, which is the best prevention of active preservation, protection from decay and devastation. To adequately protect the heritage, the procedure requires an expert assessment of the historic value of heritage, suitability of the building for adaptive conversion, a possible adaptation of the building to a new role, and possible functions that correspond to the existing architectural characteristics of the building. In the contemporary practice of urban development, this procedure is considered an effective way to reduce the spread of urban areas and environmental impact by adequate use of existing space.

Temporary planning and Meanwhile spaces

Enrique Larive López

"Meanwhile" is a search process rather than a conclusive result. It constitutes the theoretical and practical construction of a panorama of methodological reference in the approach, recognition and active research developed on disused spaces, landscapes and architectures in obsolescence or abandonment, influencing the category of spaces "In Transit".

Innovation is in the process of recovering the beauty of frontier spaces. What we have called "meanwhile..." is a collaborative, transversal and direct transfer space-time.

The interaction of the local community and the

emergence of a feeling of identity and recognition of values are encouraged. It is a process that allows the two realities, the inactive and the emergent, to be brought closer together and that affects the dialogue between the contemplated landscape, the hidden landscape and the wounded landscape. "In Transit" establishes a cooperation with the place, inviting experimentation and acting as an attractor of contemporary actions in its consideration as landscape in reclamation. It is an intensifier of what already exists, promoting adaptive reuse so that the healing of the border space acts as a resource for sustainable urban development.

The issues distilled from this experimental and investigative process are discussed under three main theses: reuse, ruin, and vagueness (or uncertainty).

Cultural Enhancement

Mauro Marzo, Viola Bertini

According to the Codice Italiano dei Beni Culturali e del Paesaggio (Legislative Decree 42/2004, art. 6) the cultural heritage enhancement "consists in the exercise of functions and in the regulation of activities aimed at promoting knowledge of cultural heritage and ensuring the best conditions of use and public enjoyment of the heritage itself, including by people with disabilities, in order to promote the development of culture. It also includes the promotion and support of cultural heritage conservation interventions. With reference to the landscape, the enhancement also includes the redevelopment of buildings and areas compromised or degraded subject to protection, or the creation of new coherent and integrated landscape values". Assuming this meaning for the concept of cultural heritage enhancement, a field of reflection of extreme relevance is outlined for the disciplines linked to the project in its various scales of application, in relation to knowledge actions, conservation methodologies, objectives of inclusive use and redevelopment strategies of building and places. The point of view of the architectural and landscape design represents a sort of lens through which addressing and circumscribing the vast theme of cultural heritage enhancement.

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Workshop

phase I - 18th > 19th Nov. 2021
phase II - 22th > 26th Nov. 2021
phase III - 01st - 09th Dic. 2021

Workshop

IO3 statements reference: Continued Use, Adaptive Reuse, Integral Heritage Protection

General Program

I phase

Nov. 18th, 2021 (online) • 9:30 - 13:00
Case study and Workshop presentation

Nov. 19th, 2021 (online) • 9:30 - 18:00
5 Lectures on sustainable reconstruction in urban areas

II phase

Nov. 22th, 2021 (Vicenza) • 9:00 - 17:00
Students field trip to Vicenza

Nov. 23th-26th, 2021 (Venice) • 9:00 - 19:00
Students workshop activities at Luav

III phase

Dec. 01st, 2021 (Online) • 14.00 - 18.00
Critics with professors and tutors

Dec. 09th, 2021 (Online) • 9.00 - 13.00
Critics with professors and tutors

Dec. 15th, 2021 (Online) • 14.00 - 18.00
Final exhibition of the works

The workshop is an opportunity for students to get involved in the city and develop a different attitude toward cultural heritage and sustainability. An extraordinary historical and cultural heritage characterises Valmarana-Salvi Gardens, but they are currently configured as a fragment excluded from contemporary urban life. Abandoned sites are a relevant case study to think about sustainable Reconstruction in urban areas strategies.

Students should rethink tools and strategies for adapting buildings, gardens, or cities and balance memory conservation and contemporary design experimentation. They will investigate the historical urban context not as a problem of protection and far from everyday life but as a resource that has new roles in the redesigning of the city in a sustainable way. Students should deal with sustainable reconstruction in a professional, methodological, clear and respectful way. They will approach the topic of reconstruction from a holistic multidisciplinary point of view. At the same time, they will gain specialist knowledge because the workshop specific focus is related to sustainable technical solutions and materialisation. Participation in the workshop will be evaluated following the European Credit Transfer and Accumulation System (ECTS) according to each local university in line with the schools' regulations. All students will receive official certificates of participation from the HERSUS Project Coordinator.

Phase I - Objective

Students will attend the online presentation of the workshop activities and the five Lectures on sustainable reconstruction in Urban Areas.

The five Lectures will provide a shared background among different educational paths of the students involved in the workshop activities.

We suggest some relevant themes according to the workshop topic. Furthermore, we invite all the partners to select the lecturer in line with the specific expertise they want to emphasise according to the workshop's central theme: Sustainable reconstruction in Urban Areas.

- > heritage and urban context
- > best practices and tools for sustainable reconstruction in Urban Areas (social, cultural, economical or environmental)
- > reuse of historical heritage, best practices and examples
- > Collective perception of urban spaces
- > Narrative and accessibility design tools for reconstruction in urban areas
- > Regeneration and temporarily reuse of abandoned places and buildings for reconstruction in urban areas

DEADLINE MONDAY, NOV. 22TH (single student output)

Each student should write a brief text (about 100-200 words) on the theme assigned (Nov. 19th). The text will be the start of the group discussion during the survey day in Vicenza (Nov 22th).

Phase II - Objective

Each group will be required to set up a digital and shareable map (Input/Mergin app) to mark the main points of its specific theme of research (surfaces, limits, social spaces, urban voids). The map promotes the sharing of thoughts and can be used both on-site, during the visit to Vicenza, and remotely as an instrument to support further research and study.

During the first days of work, the outputs will be three maps, later joined and uploaded into a database to allow and stimulate information sharing.

The overall purpose is to set up an operative workflow to store, access, and share students' ideas and all forms of information concerning each workshop phase (such as images, sketches, photos). Students should use this tool to develop their knowledge of the city at different scales (urban, garden and architectural).

Students will analyse the aesthetic perception of places through transformations and sedimentations over time (day/year/century). The Valmarana gardens can be read as the result of Historical Center of Vicenza changes. Buildings, their position in the urban fabric and their materials richness (historical, social, cultural, economic), shape the city of Vicenza. The gardens and the city visit will be an opportunity for a critical-interpretative study of the elements that compose them through the surfaces. In this case, the surfaces should be considered the threshold and perceptive aspect of the continuous transformation over time (day/night - new/ancient). Historical-Critical Analysis is the central tool for students to have a clear comprehension of intangible values through the material elements that compose the urban surfaces. Students are going to achieve critical awareness and analytical tools necessary to develop design solutions for Urban Areas sustainable Reconstruction.

At the end of the workshop, students should present their results using the adequate scale of representation (from urban to architecture detailing scale) in one A1 vertical layout board

and one Diary/Dossier (A4 horizontal layout). The workshop aims to involve students in a transversal and multiscalar thought process to integrate the Historical Center of Vicenza, Valmarana-Salvi Gardens and socially, culturally and environmentally sustainability of contemporary design actions.

DEADLINE FRIDAY, NOV. 26TH
(group output)

Board A1 layout: students should present the team's work in a board that collects thoughts and drawings at different design scales. They should use urban maps, photomontages, concept style drawings and architectural-detail drawings according to the topic.

Diary report/dossier (A4 horizontal layout): Students should collect the work done during the week (such as drawing, concepts, texts, photos, pictures) in a book to explain their thoughts.

Phase III - Objective

During the two critical sessions, students will show the progress of their work to share it online on the sharing platform.

Professors and Tutors will give advice on the final output on the following issues:

- > contents
- > graphical representation

DEADLINE FRIDAY, DIC. 15TH
(group output)

All the materials produced by students during the workshop will be uploaded to the HERSUS Sharing Platform.

Board A1 layout: students should present the team's work in a board that collects thoughts and drawings at different design scales. They should use urban maps, photomontages, concept style drawings and architectural-detail drawings according to the topic.

Diary report/dossier (A4 horizontal layout): Students should collect the work done during weeks (such as drawing, concepts, texts, photos, pictures) in a book to explain their thoughts.

Professor and Tutor

HERSUS luav Team

Professors and Tutor

The workshop will be led by the luav team except for the last day critics (Nov. 26th, 2021) that will involve all the consortium members in blended modality, both presence in Venice and online on zoom. All students will work in the same room with the tutor and professor. In order to guarantee multiple visions and approaches to the same issue and topic students can share their work with all of the tutors and professors.

HERSUS luav Team | professors



Emanuela Sorbo

*HERSUS luav
Scientific Coordinator*

Emanuela Sorbo is an associate professor of Architectonic Restoration. She has worked as an architect functionary of the Architectural and Landscapes Heritage Superintendency (Soprintendenza per i Beni Architettonici e Paesaggistici) of the provinces of Verona, Vicenza and Rovigo. In 2004, she obtained a specialisation grant to study at the Fachhochschule in Munich (Image and Construction: post-war reconstruction in Germany and Italy). Since 2005, Prof. Sorbo has held a doctorate studies scholarship in History of architecture and of the city, Sciences of the arts and Restoration (SSAV, Università luav di Venezia, Università Cà Foscari Venezia). She also conducts her research at the École des Hautes Études en Sciences Sociales (Paris), the Warburg Institute (London) and the Ludwig-Maximilians-Universität (Munich). In 2008, Prof. Sorbo received Doctor of Philosophy (PhD) qualification with a dissertation on Matter and Memories. Restoration at Herculaneum. In 2012 she was appointed as assistant professor. Since 2017 she has been an associate professor. Her research activities regard the forms and techniques of restoration of ruins, with particular attention paid to the themes of post-war reconstruction (M. A. Crippa, E. Sorbo, Liliana Grassi e il recupero creativo della memoria storica, Bonsignori 2004), of restoration in the Vesuvian archaeological area (C. G. Malacrino, E. Sorbo, Architetti, Architettura e città del mediterraneo Antico, Bruno Mondadori 2007; E. Sorbo, Tra Materia e Memoria. Ercolano 1711-1961, Maggioli Editore 2014) and of conservation of abandoned places (E. Sorbo, La memoria dell'Oblio. Ex Ospedale Psichiatrico di Rovigo, Marsilio 2017).



Enrico Anguillari

*HERSUS luav
Project Manager*

Enrico Anguillari graduated in Architecture at Università luav di Venezia in 2003 where he holds the PhD in Urbanism with prof. Bernardo Secchi in 2007. Since 2003 he worked to several large-scale plans and research projects including the Structural Plan for Ferrara; the Development plan for Les Hauts de Rouen; the Planning Programme for the Po di Levante - Canal Bianco river; the Landscape Observatory on the Po River Delta Region; the research "Veneto 2100 - Living with water" selected for the 5th International Architecture Biennale of Rotterdam; the City Plan for Roncegno Terme. From 2010 to 2016 he has been adjunct professor in Urban Planning at the Università di Camerino; in Landscape Design at the Università luav di Venezia and in Urban Landscape Design at the Università di Firenze. Since 2008 he has coordinated national and international cooperation activities between higher education institutions in the field of teaching and research in architecture and urban planning. In this context he led several international workshops and LLP - Erasmus Intensive Programmes (2008-2014). He has been luav coordinator of the project "KLABS - Creating the Network of Knowledge Labs for Sustainable and Resilient Environments" (2015-2018); national coordinator of the project "URPLOT - Urban Planning Orientation and Tutorship" (2019-2021). He is currently luav project manager for the project HERSUS - Enhancing of Heritage Awareness and Sustainability of Built Environment in Architectural and Urban Design Higher Education" (2020-2023). He regularly lectures in academic and professional fields and has published essays, articles and researches in books and journals both nationally and internationally.

HERSUS luav Team | tutor



Giulia Rossi

tutor

Architect Giulia Rossi received a master's degree with honors in 2019, with a final dissertation titled "πάντα ε , Water, Nature, Spirit: a project for the conservation and restoration of the Fortilizio dei Mulini". She is now attending the post-graduate Venice School of Specialization in Architectural and Landscape Heritage (SSIBAP) and researching acoustics in the context of architectural heritage. Her current research focus is the XVI century Palladio's Olympic Theatre, in Vicenza (a UNESCO World Heritage Site) where she's working in collaboration with the Superintendence for Architectural Heritage and Landscape and the city council.

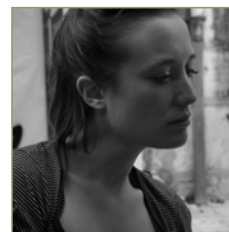


Sofia Tonello

Junior researcher at luav for HERSUS

Sofia Tonello is currently a Postgraduate Student at the luav Specialisation School in Architectural and Landscape Heritage (SSIBAP). In this context, she investigates the identity, and cultural enhancement of anthropogenic landscapes, focusing on Carrara quarries (supervisor Prof. Emanuela Sorbo) in collaboration with the Superintendency of Lucca and Massa-Carrara. She is actually collaborating at the UNESCO Chair on Built urban heritage in the digital era CREhAR (Creative Research and Education on Heritage Assessment and Regeneration) mentored and

tutored by Mar Loren-Méndez, Full Professor and tutored by Enrique Larive López, Associate Professor at Seville University. In the past, she collaborated with the FAPyD at the Universidad Nacional de Rosario (Argentina) and with the Guillermo Vazquez Consuegra studio.



Federica Alberti

tutor

Federica Alberti, freelance architect, graduated from the luav University of Venice in March 2013 with the thesis "Between velocity and permanence. From the A1 Highway to the ancient Lucus Feroniae ruins".

Since her graduation, she has been conducting research activities in the field of Cultural Heritage enhancement and accessibility.

From 2018 to 2020 she attended the School of Specialization for Architectural and Landscape Heritage from the luav University, where she presented the thesis "The metamorphosis of the Ancient: the Olympic Theatre. Towards an accessible promenade".

Currently, she is a freelance architect based in Venice, dealing with the design in historical context. Moreover, she is conducting a research grant, at the luav, regarding the knowledge, enhancement and conservation of some cultural places in Vicenza.



Gianluca Spironelli

tutor

Gianluca Spironelli, graduated cum laude in Architecture at the Università luav di Venezia in

2018 with the thesis "Unfinished. The Guerra-Gregorj Kilns. The "Unfinished" as a limit for the conservation of the ruins (supervisor Prof. Emanuela Sorbo). In 2019, he attended the postgraduate advanced specialization course CP12 BIM technical tools and BIM management at Università luav di Venezia. Since 2019 is a short-term research fellow at Università luav di Venezia. His research activity focuses on delineating strategies for the application of methodologies and operational practices based on data digitization and development of interoperable open data repositories, with the use of HBIM and GIS methodology, for the study and analysis of abandoned Cultural Heritage and landscape. He is working with the luav research group on the "Unfinished" church of Brendola (Vicenza, Italy) case study in collaboration with the Municipality of Brendola and the Superintendency of Verona-Vicenza and Rovigo. Since 2018 he collaborates on the ICAR/19 Architecture Restoration teaching activities of bachelor and master's degrees in architecture held by professor Emanuela Sorbo. Between September 2016 and March 2017, he participated in the Erasmus+ exchange program at Universidad de Castilla La Mancha - eat - School of architecture in Toledo (ES). He is the author and co-author of scientific publications.



Marco Tosato
tutor

Marco Tosato graduated in architecture in Università luav di Venezia as a Bachelor in 2019 with honours. He is a master's degree student and is currently elaborating his Master Thesis with Prof. Emanuela Sorbo as supervisor. The thesis Case Study is the Villa Da Porto Barbaran in Montorso Vicentino, a Venetian villa of the VII century. The central themes are related to the restoration and reuse of Cultural Heritage and listed buildings, the

Historial surfaces and the relationships between the villa and the urban context. He worked with the Superintendency of Verona-Vicenza and Rovigo from March to September 2021 as an intern, where he faced the Historical Heritage building and the legislation related to listed buildings and landscape. He is currently working as a teaching assistant in ICAR/19 Architecture Restoration teaching activities of bachelor and master's degrees in architecture held by professor Emanuela Sorbo. He has been a Tutor for bachelor's degree Portfolio from 2020 to 2021.



Tommaso Moretto
tutor

Tommaso Moretto graduated with honors at Luav University of Venice in July 2020 with the thesis "Disclosing community: San Biagio in Vicenza. Narrations of an urban compound." The thesis was a research on the role that a community experience can have in resolving the isolation of an abandoned part of the city. He had an Erasmus experience at Strathclyde University of Glasgow during the fifth year, where he carried out a research on conservative and urban issues of Cumbernauld, a utopian new town in Scotland. Currently he is a post-graduate student at the Luav School in Architectural and Landscape Heritage (SSIBAP) in Venice where he is focusing on the theme of the social and community effort in the conservation and restoration.

I phase

Nov. 18th, 2021 (online) • 9:00 – 13:00
Case study and Workshop presentation

Nov. 19th, 2021 (online) • 9:00 – 18:00
Lectures on sustainable reconstruction in urban areas.

II phase

Nov. 22th, 2021 (Vicenza) • 9:00 – 17:00
Students field trip to Vicenza

Nov. 23th-26th, 2021 (Venice) • 9:00 – 19:00
Students workshop activities at luav

III phase

Dec. 01st, 2021 (Online) • 14.00 - 18.00
Critics with professors and tutors

Dec. 09th, 2021 (Online) • 9.00 - 13.00
Critics with professors and tutors

Dec. 15th, 2021 (Online) • 14.00 - 18.00
Final exhibition of the works

C2 - HERSUS Students Workshop program

PHASE I

Nov. 18th, 2021 (online)

- 09.00 - 09.30 Institutional Greeting
Emanuela Sorbo, HERSUS luav Scientific Coordinator
Enrico Anguillari, HERSUS luav Project Manager
- 09.30 - 10.15 Heritage Awareness and Sustainability
in Faro Convention
Emanuela Sorbo, HERSUS luav Scientific Coordinator
- 10.15 - 11.00 Intervention in a historic garden:
methodology and techniques
Giuseppe Rallo, Superintendence of Archeology,
Fine Arts and Landscape for the metropolitan area
of Venice and the provinces of Belluno, Padua and
Treviso - Architect
- 11.00 - 11.20 Break
- 11.20 - 13.00 Valmarana Salvi Gardens: a Cultural,
Social and Sustainable case study
Teaching material
Topics assignment,
Working groups
Sofia Tonello, Giulia Rossi, HERSUS luav Team

Nov. 19th, 2021 (online >>)

- 09.00 - 09.30 Institutional Greeting
Gianluca Zucconelli, division head - International
affairs, financial aid and post-graduate programmes
- HERSUS luav Team
Valentina Fanti, Gernaeral Secretary - Order of
Architects, Planners, Landscape Architects and
Conservators of Venice
UB-FA Team, HERSUS International Coordinator
- 09.30 - 10.00 Introduction to Workshop theme
Emanuela Sorbo, HERSUS luav Scientific Coordinator
- 10.00 - 10.50 Contemporary Urban Ecologies:
Architecture for the Cyborg Society
Ana Nikezić, HERSUS UB-FA Team
Q&A
- 11.00 - 11.50 Creativity and City. A narrative on
alternative urban transformation
María F. Carrascal Pérez, HERSUS USE-CREhAR Team
Q&A
- 12.00 - 12.15 Break
- 12.15 - 13.05 The role of the adaptive reuse of listed
settlements as a strategy for sustainable
housing (re)development
Andreas Savvides, HERSUS UCY Team
Q&A
- 13.15 - 14.30 Lunch break

- 14.30 - 15.20 | Between the World and Earth: a necessary reconciliation. The role of the restoration project
Chiara Occelli, PoliTO - HERSUS luav Team
Q&A
- 15.30 - 16.20 | From *recupero* to *reurbanism* via *regeneration*. Urban heritage within sustainable urban design approaches
Athina Vitopoulou, HERSUS AUTH Team
Q&A
- 16.30 - 16.45 | Break
- 16.45 - 17.30 | Debate and Conclusions

PHASE II

Nov. 22th, 2021 (In Vicenza)

- 09.00 - 10.00 | Journey to Vicenza
- 10.30 - 11.00 | Survey introduction (Odeo)
Emanuela Sorbo, HERSUS luav Scientific Coordinator
Federica Alberti, Vicenza Visioni researcher
- 11.00 - 11.45 | Teatro Olimpico Visit
- 12.00 - 13.00 | Press conference | institutional representatives:
Carmelo Marabello, Rector's delegate for University strategies, Università luav di Venezia
Vincenzo Tinè, Soprintendente, Superintendence of Archeology, Fine Arts and Landscape for the provinces of Verona, Rovigo and Vicenza
Francesco Rucco, Mayor, Municipality of Vicenza
Simona Siotto, Councillor for culture, Municipality of Vicenza
Matteo Celebron, Deputy Mayor, Municipality of Vicenza
Giovanna Battista, Architect - division head - Vicenza, Superintendence of Archeology, Fine Arts and Landscape for the provinces of Verona, Rovigo and Vicenza
Riccardo Brazzale, division head - Teatro Olimpico di Vicenza, Municipality of Vicenza
Giovanni Fichera, division head - Department of Public Works and Built Heritage, Municipality of Vicenza

- 13.45 - 16.30 | VALMANARA SALVI GARDENS VISIT
[*Loggia Valmarana*, *Loggia Longhena*, ex *Cinema Arlecchino*, *Salone di Cristallo*, ex *Scuola Giusti*].

Nov. 23th, 2021 (In Venice)

- 09.00 - 09.30 | HERSUS Sharing Platform students presentation
Irene Sgarro, HERSUS luav Team
- 09.30 - 10.30 | HERSUS Sharing Platform laboratory
- 10.30 - 13.00 | Design studio workshop

13.30 - 14.30 | Lunch break
14.30 - 15.00 | Design studio workshop
16.00 - 19.00 | Critics with professors and tutor

Nov. 24th, 2021 (In Venice)

09.00 - 13.00 | Design studio workshop
13.00 - 14.00 | Lunch break
14.00 - 19.00 | Design studio workshop (Critics with professor Giuseppe Rallo)
(Output required: Draft works presentation A1+Dossier/Diary)

Nov. 25th, 2021 (In Venice)

09.00 - 13.00 | Design studio workshop
13.00 - 14.00 | Lunch break
14.00 - 19.00 | Design studio workshop

Nov. 26th, 2021

09.00 - 13.00 | Exhibition
13.00 - 14.00 | Lunch break
14.15 - 15.00 | Group 1 presentation
Comments and suggestions
15.00 - 15.45 | Group 2 presentation
Comments and suggestions
15.45 - 16.30 | Group 3 presentation
Comments and suggestions
16.30 - 17.00 | Debate and Conclusions
Output required: works presentation A1+Dossier/Diary

PHASE III

Dec. 01st, 2021 (Online >>)

14.00 - 18.00 | Critics with professors and tutors
Output required: works presentation A1+Dossier/Diary

Dec. 09th, 2021 (Online >>)

09.00 - 13.00 | Critics with professors and tutors
Output required: works presentation A1+Dossier/Diary

Dec. 15th, 2021 (Online >>)

14.00 - 18.00 | Final presentation of the works
Output required: works presentation on HERSUS Sharing Platform

CONTRIBUTORS:

HERSUS CONSORTIUM MEMBERS

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Sakantamis, Mar Loren-Méndez / HERSUS
Scientific Coordinators

TITLE

LECTURES: C1 Workshop

DESIGN LAYOUT

Marco Tosato, Sofia Tonello

EXTERNAL COLLABORATORS:

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Marco Tosato, Tommaso Moretto

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Co-funded by the
Erasmus+ Programme
of the European Union

LECTURES and SEMINARS

C2 activities lead:

Emanuela Sorbo, Iuav

Enrico Anguillari, Iuav

HERSUS Project leader:

Vladan Djokić, UB-FA



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V



This result has been produced as results of **C2 | Student Workshop 1**, and **E2 | Presentation of professional profile** within HERSUS project within Erasmus + Strategic Partnerships for higher education. The creation of these resources has been co-funded under grant no. 2020-1-RS01-KA203-065407 (funding period 2020-2023; total grant 246.922,00 €).

This publication [communication] reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

November 19, 2021, five international speakers will discuss the Sustainable Reconstruction of European Cultural Heritage in urban areas, addressing the topic from multiple aspects and points of view. The themes of Cultural Heritage and Sustainability in the urban context will be presented both in a **tangible and intangible sense**. From an idea of Urban Areas as built heritage and collective perception, the seminar intends to reflect on good practices cases and operative tools. Lectures aim to increase students' awareness of the Cultural Heritage and Sustainability concepts. Sustainable use of Cultural and Built Heritage will be discussed as part of **sustainable social, cultural and economic development** as stated in the Faro convention (art.9 and art.10). The principles for sustainable management and regulation for the reconstruction of the cultural sector will be an opportunity for discussion and debate during the students' Workshop. Particular attention will be dedicated to **abandoned places and buildings** in order to help students work on the case study of the Valmarana Salvi Gardens and the city of Vicenza.

Sofia Tonello
Emanuela Sorbo

Enrico Anguillari, Università Iuav di Venezia - Maria Carrascal Pérez, USE CREhAR, Unesco Team - Valentina Fanti, OAPPC-VE - Ana Nikezić, BGU - Chiara Ocelli, PoliT0 - Andreas Savvides, UCY - Emanuela Sorbo, Università Iuav di Venezia - Athina Vitopoulou, AUTH
Gianluca Zucconelli, Università Iuav di Venezia

HERSUS project international Events

Sustainable Reconstruction in Urban Areas

Giardini Valmarana Salvi, Vicenza

5 International Lectures:

Nov. 19th, 2021

Venice, Aula Tafuri (Badoer)

9.00 - 17.30

Connect to the seminar >>

09.00 - 09.30	Institutional Greeting <i>Gianluca Zucconelli</i> , division head - International affairs, financial aid and post-graduate programmes - HERSUS luav Team <i>Valentina Fanti</i> , General Secretary - Order of Architects, Planners, Landscape Architects and Conservators of Venice <i>UB-FA Team</i> , HERSUS International Coordinator
09.30 - 10.00	Introduction to Workshop theme <i>Emanuela Sorbo</i> , HERSUS luav Scientific Coordinator
10.00 - 10.50	Contemporary Urban Ecologies: Architecture for the Cyborg Society <i>Ana Nikezić</i> , HERSUS UB-FA Team Q&A
11.00 - 11.50	Creativity and City. A narrative on alternative urban transformation <i>María F. Carrascal Pérez</i> , HERSUS USE-CREhAR Team Q&A
12.00 - 12.15	Break
12.15 - 13.05	The role of the adaptive reuse of listed settlements as a strategy for sustainable housing (re)development <i>Andreas Savvides</i> , HERSUS UCY Team Q&A
13.15 - 14.30	Lunch break
14.30 - 15.20	Between the World and Earth: a necessary reconciliation. The role of the restoration project <i>Chiara Occelli</i> , PoliTO - HERSUS luav Team Q&A
15.30 - 16.20	From recupero to reurbanism via regeneration. Urban heritage within sustainable urban design approaches <i>Athina Vitopoulou</i> , HERSUS AUTH Team Q&A
16.30 - 16.45	Break
16.45 - 17.30	Debate and Conclusions

SSIBAP Students: 2 CFU

CFP for Italian professionals: 7 CFP

Through the presentation of the **HERSUS project research activities**, the seminar aims to investigate the roles and skills of future professional figures dealing with cultural heritage themes and the sustainable reconstruction of the built environment. *Intellectual Output 2 | Questionnaire for the State of Art* and the *Intellectual Output 3 | Statements for Teaching through Design for Sustainability of the Built Environment and Heritage Awareness* will be presented by the research team.

The *HERSUS Sharing Platform*, a sharing platform developed by the luav Team in recent months, will be launched during the meeting. This platform is an **open structure for sharing data** for the integrated development of research, teaching and professional activity and will host the first materials produced during the **first students' international workshop** (Sustainable Reconstruction In Urban Areas, Venice - 22 to 26 Nov . 2021).

In order to improve awareness of problems related to Sustainability, Cultural Heritage and their interrelation, during the event, participants will be involved in **survey activity by filling in a questionnaire**.

Enrico Anguillari, Università luav di Venezia - **Angeliki Chatzidimitriou**, AUTH - **Kleo Axarli**, AUTH - **Valentina Fanti**, OAPPC-VE - **Nataša Ćuković Ignajtović**, UB-FA - **Mar Loren-Méndez**, USE CREhAR - **Enrique Larive**, USE CREhAR - **Ana Nikezić**, UB-FA - **José Peral López**, USE CREhAR - **Alkmini Paka**, AUTH - **Mladen Pešić**, UB-FA - **Konstantinos Sakantamis**, AUTH - **Andreas Savvides**, UCY - **Irene Sgarro**, Università luav di Venezia - **Emanuela Sorbo**, Università luav di Venezia.

E2 - HERSUS Multiplier Events

Presentation of the professional profile
Multiplier event details

Nov. 25th, 2021

Venice, Aula Tafuri (Badoer)

9.30 - 14.00

Connect to the event >>

09.30 - 10.00	Institutional Greeting <i>Emanuela Sorbo</i> , HERSUS Iuav Scientific Coordinator <i>Enrico Anguillari</i> , HERSUS Iuav Project Manager <i>Valentina Fanti</i> , General Secretary - Order of Architects, Planners, Landscape Architects and Conservators of Venice <i>UB-FA Team</i> , HERSUS International Coordinator
10.00 - 10.30	Introduction to the event and general presentation of the HERSUS project
10.30 - 11.00	Questionnaire for the State of Art <i>Konstantinos Sakantamis</i> , HERSUS AUTH Scientific Coordinator and Project Manager, Assistant Professor <i>Angeliki Chatzidimitriou</i> , HERSUS AUTH, Post-Doc Researcher, Teaching Assistant
11.00 - 11.30	Q&A
11.30 - 12.00	Coffee Break
12.00 - 12.30	Statements for Teaching through Design for Sustainability of the Built Environment and Heritage Awareness <i>Ana Nikezić</i> , HERSUS UB-FA Team, Associate Professor <i>Nataša Čuković Ignajtović</i> , HERSUS UB-FA Team Associate Professor <i>Mladen Pešić</i> , HERSUS UB-FA Team Teaching Assistant
12.30 - 12.45	Q&A
12.45 - 13.00	HERSUS Sharing Platform introduction <i>Emanuela Sorbo</i> , HERSUS Iuav Scientific Coordinator
13.00 - 13.30	HERSUS Sharing Platform presentation and launch <i>Enrico Anguillari</i> , HERSUS Iuav Project Manager <i>Irene Sgarro</i> , HERSUS Iuav Team
13.30 - 13.45	Q&A
13.45 - 14.00	Debate and Conclusions <i>Emanuela Sorbo</i> , HERSUS Iuav Scientific Coordinator <i>Enrico Anguillari</i> , HERSUS Iuav Project Manager

SSIBAP Students: 2 CFU

CFP for Italian professionals: 4 CFP

Enrico Anguillari, Università Iuav di Venezia - **Angeliki Chatzidimitriou**, AUTH - **Kleo Axarli**, AUTH - **Valentina Fanti**, OAPPC-VE - **Nataša Ćuković Ignajtović**, UB-FA - **Mar Loren-Méndez**, USE CREhAR - **Enrique Larive**, USE CREhAR - **Ana Nikezić**, UB-FA - **José Peral López**, USE CREhAR - **Alkmini Paka**, AUTH - **Mladen Pešić**, UB-FA - **Konstantinos Sakantamis**, AUTH - **Andreas Savvides**, UCY - **Irene Sgarro**, Università Iuav di Venezia - **Emanuela Sorbo**, Università Iuav di Venezia.

M2 - Design and development meeting 1

Transnational Project Meetings

Nov. 26th, 2021

Venice, Aula Tafuri (Badoer)

9.30 - 14.00

connect to the meeting>>

09.30 - 09.45	Welcome and Introduction to the meeting <i>Emanuela Sorbo</i> , HERSUS Iuav Scientific Coordinator <i>Enrico Anguillari</i> , HERSUS Iuav Project Manager
09.45 - 10.15	Review of the Project activities progress according to Gantt table HERSUS coordinator, HERSUS UB-FA Team
10.15 - 10.45	Situation of financial management HERSUS coordinator, HERSUS UB-FA Team
10.45 - 11.15	Analysis of documents of reports and partners' input HERSUS coordinator, HERSUS UB-FA Team
11.15 - 11.45	Coffee Break
11.45 - 12.15	Implementation of the dissemination plan HERSUS coordinator, HERSUS UB-FA Team
12.15 - 12.45	Evaluation of collaboration and communication of the partners HERSUS coordinator, HERSUS UB-FA Team
13.00 - 14.00	Launch break
14.15 - 17.00	C2 - HERSUS project international students Workshop - Sustainable Reconstruction in Urban Areas - Giardini Valmarana Salvi, Vicenza - Students' results presentation
14.15 - 14.30	Student workshop results: Group 1 presentation
14.30 - 15.00	Comments and suggestions
15.00 - 15.15	Student workshop results: Group 2 presentation
15.15 - 15.45	Comments and suggestions
15.45 - 16.00	Student workshop results: Group 3 presentation
16.00 - 16.30	Comments and suggestions
16.30 - 17.00	Break
17.00 - 17.30	Workshop conclusion and debate



Emanuela Sorbo is an associate professor of Architectonic Restoration. She has worked as an architect functionary of the Architectural and Landscapes Heritage Superintendency (Soprintendenza per i Beni Architettonici e Paesaggistici) of the provinces of Verona, Vicenza and Rovigo. In 2004, she obtained a specialisation grant to study at the Fachhochschule in Munich (Image and Construction: post-war reconstruction in Germany and Italy). Since 2005, Prof. Sorbo has held a doctorate studies scholarship in History of architecture and of the city, Sciences of the arts and Restoration (SSAV, Università luav di Venezia, Università Cà Foscari Venezia). She also conducts her research at the École des Hautes Études en Sciences Sociales (Paris), the Warburg Institute (London) and the Ludwig-Maximilians-Universität (Munich). In 2008, Prof. Sorbo received Doctor of Philosophy (PhD) qualification with a dissertation on Matter and Memories. Restoration at Herculaneum. In 2012 she was appointed as assistant professor. Since 2017 she has been an associate professor. Her research activities regard the forms and techniques of restoration of ruins, with particular attention paid to the themes of post-war reconstruction (M. A. Crippa, E. Sorbo, Liliana Grassi e il recupero creativo della memoria storica, Bonsignori 2004), of restoration in the Vesuvian archaeological area (C. G. Malacrino, E. Sorbo, Architetti, Architettura e città del mediterraneo Antico, Bruno Mondadori 2007; E. Sorbo, Tra Materia e Memoria. Ercolano 1711-1961, Maggioli Editore 2014) and of conservation of abandoned places (E. Sorbo, La memoria dell'Oblio. Ex Ospedale Psichiatrico di Rovigo, Marsilio 2017).

18th Nov 2021
09.30 - 10.15

Emanuela Sorbo, Associate Professor
at *Università luav di Venezia*

Heritage Awareness and Sustainability in Faro Convention

General Study Session

The **Faro convention** identifies the binomial of “cultural heritage” and “sustainability” in the more comprehensive context of the relationship with **local communities**.

The relationship between economic development and conservation of Cultural Heritage can be considered as part of an enlarged notion of the concept of sustainability (art. 1, c).

Thanks to this theoretical assumption, sustainable planning, heritage conservation and economic horizons constitute the three assets that participate in the **evolution of the role of communities** in the processes connected to Cultural Heritage in international charters.

The process of **recognising cultural value** by

the communities becomes a premise (but also a purpose) for balancing **conservation and sustainable planning** in economic development.

The relationship between “Heritage Awareness” and “Sustainability” is the main issue of the European Hersus Project “Enhancing of Heritage Awareness and Sustainability of Built Environment in Architectural and Urban Design Higher Education”.

The lecture aims to analyse the relationship between “Sustainability” and “Cultural Heritage” by interpreting the International Charters and the application case study (**Valmarana Salvi Gardens**) that involves public engagement activities.





Since 1985 he has been director architect for the Soprintendenza BB.AA.PP (Ministry of Culture) for the provinces of Belluno, Padova, Venezia and Treviso, where he has been working for the protection and enhancement of architecture, landscape and gardens. From 2008 to 2015, he was the director of the Museum of Villa Pisani at Stra and manager of the park.

He has been working on projects for the conservation and transformation of landscape and historic gardens and parks.

He has given numerous lectures and seminars in Italy and Europe on the protection, restoration and enhancement of architecture and landscape.

He is a member of scientific committee of master of gardens and parks at the luav-Venezia. He is the author of numerous essays and volumes. Since 2017 he has been member of ISCCL (international Scientific Committee for Cultural Landscape) of the ICOMOS- IFLA.

18th Nov 2021
10.15 - 11.00

Giuseppe Rallo, *Superintendence of Archeology, Fine Arts and Landscape for the metropolitan area of Venice and the provinces of Belluno, Padua and Treviso*

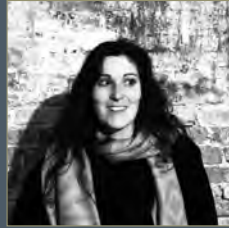
Intervention in a historic garden: methodology and techniques

General Study Session

The communication will focus on the **methodological and analytical approach** to build a restoration project of a historic garden. Some substantial steps will be outlined to obtain the indispensable data from which the whole restoration operation moves: from project to work. The **revitalization and restoration** of a garden must be preceded by a careful and scrupulous attendance of the place to identify at least some of the internal **relationships** between the different elements and those with the outside of the garden. In the main cases the first step of work will be the conservation of vegetables, architectures and

all the others parts of the garden. To obtain a restored landscape it will be necessary to engage a **dialogue with the site** and to found a strategy. We need to look for a design strategy that allows us to **put the parts back together** and, at the same time, imagine a new configuration that contains the elements of the history and the additions that has been made. The idea of the nature that we will use is very important in the process. By illustrating some examples it will be possible to identify possible attitudes, admissible solutions, sustainable both from an economic and environmental point of view.





18th Nov 2021
11.30 - 12.40

Sofia Tonello, *Teaching assistant at
Università Iuav di Venezia*
Giulia Rossi, *Tutor HERSUS Iuav
Team*

Workshop and case study presentation

General Study Session

The HERSUS luav tutor presentation introduces students to the main issues of Vicenza Historical City Center, the general teaching methodologies, tools, and the teaching materials.

The Introduction to The Vicenza City and Valmarana Salvi Gardens gives a comprehensive view of the historical and cultural frame.

From the general frame of the City's historical transformations, the students get to know Valmarana Salvi Gardens Monumental and Landscape legislative aspect and UNESCO Heritage site protection. The presentation aims to make students aware of the importance of Sustainable Reconstruction of the Gardens in the boundary of Social and Cultural European Goals.

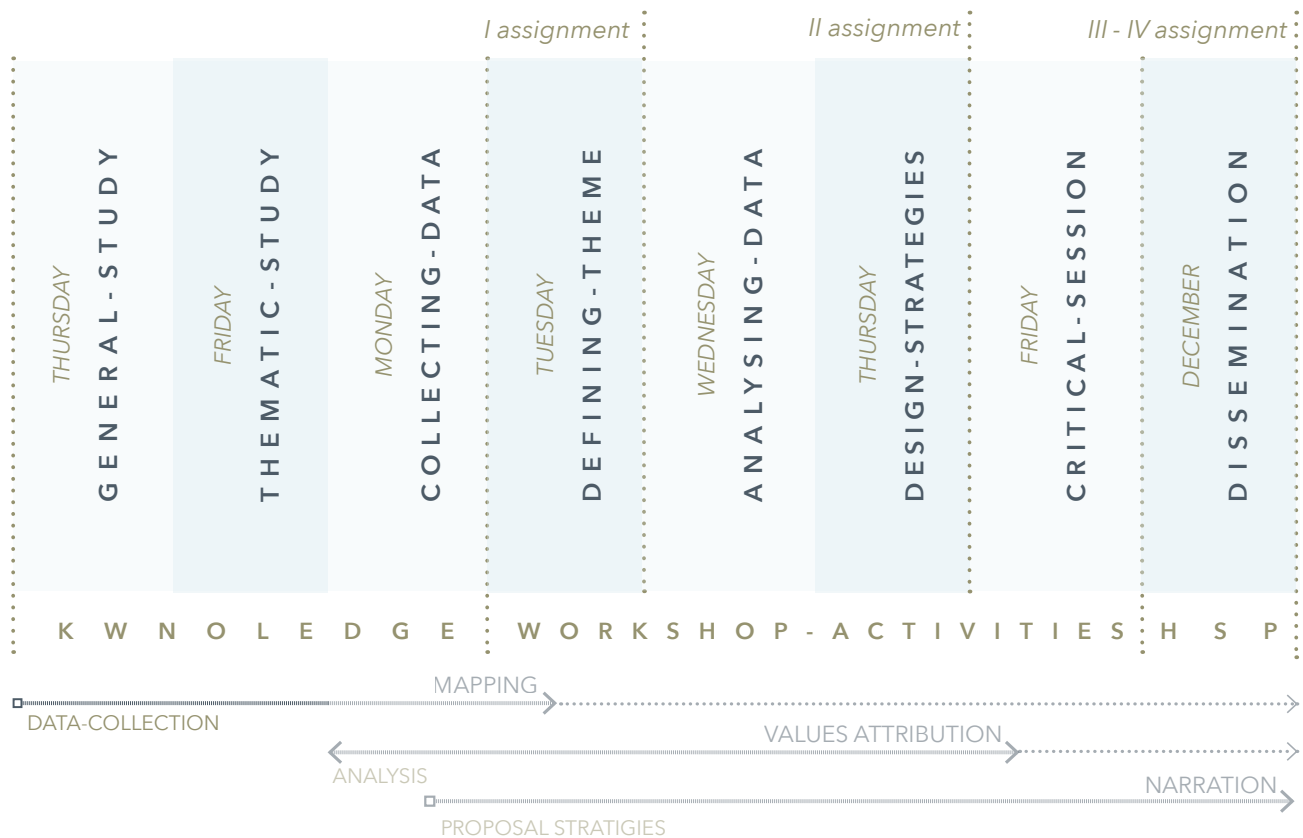
In the innovative teaching tools frame, the Workshop aims to introduce students to the possibility of using mapping and sharing information platforms in critical

interpretation towards tangible and intangible heritage.

During the presentation, Teaching operative tools, such as HSP (Hersus Sharing Platform), Input, and QGIS, will be introduced to students. The use of open-source and highly-compatible apps and tools is the intention of the luav tutor and research team. The choice permits students to participate in the workshop activities easily and provides an exploitable investigation methodology.

Various "Teaching Materials", such as historical maps, historical photos, cartographies, and surveys, are provided to workshop students.

The HERSUS luav tutor team presents all the materials available in the shared students' shared folder and the graphic outputs expected at the end of the intensive week.





22th Nov 2021
Teatro Olimpico

Emanuela Sorbo, *Associate Professor*
at Università Iuav di Venezia
Federica Alberti, *Tutor HERSUS Iuav*
Team

Vicenza Visions. Press Conference Public engagement and HERSUS project dissemination

General Study Session

In 2021, the Municipality of Vicenza and the Università Iuav di Venezia, with the supervision of Superintendence of Archeology, Fine Arts and Landscape for the provinces of Verona, Rovigo and Vicenza, have started short-term research activities, following previous framework agreements and bilateral memoranda of understanding, between the Università Iuav di Venezia (Cluster Matesca) with the Municipality of Vicenza (2019) and with the Superintendence of Archeology, Fine Arts and Landscape for the provinces of Verona, Rovigo and Vicenza (2017).

The results are research activities in the frame of "Vicenza Visions. Conoscenza, valorizzazione e conservazione di luoghi e architetture di rilevante interesse culturale" (Vicenza Visions. Knowledge, enhancement and preservation of places and architectures of significant cultural interest).

Emanuela Sorbo is the scientific coordinator in charge of Umiversota Iuav di Venezia; Giovanna Battista is the scientific coordinator in charge of Superintendence; Riccardo Brazzale is the municipality representative.

The University task is testing methodological approaches to promote and coordinate the knowledge and the accessibility of information. The Superintendence improves and share the protection action by activating a constructive multidisciplinary dialogue. The Municipality promotes knowledge and awareness of the role of cultural heritage within the community.

The HERSUS international workshop is a case of public engagement activities and research implementation to enhance the knowledge of Vicenza cultural places.

"Vicenza Visions" aims to promote the study and analysis of the places and architectures of considerable cultural interest indicated by the administrations. The Teatro Olimpico by Andrea Palladio and Valmarana Salvi Gardens and annexed architectures are two among a large amount of case studies. The methodological approach, tested during the research and the HERSUS workshop, can be applied to other places and architectures of historical and artistic interest in the city of Vicenza in a state of neglect or underutilization.





Dr. Ana Nikezić is Associate Professor at Department of Architecture and Vice-dean for Education and Research at UB-FA. She holds a PhD in Architecture (2006) with more than 20 years of teaching experience in the area of Architectural and Urban design and over 14 years of experience in research projects. She is particularly interested in connecting of the theoretical and the practical dimension of designing and architecture in general. Particular academic attention has been brought to the subject of relations between architecture and nature, architecture and urban culture, as well as to the subject of socially responsible architecture based on an interdisciplinary approach. Dr. Nikezić is the initiator for the establishment of the Research Center at UB-FA (2017), within which she strives to strengthen capacity and provide organizational and technical support in the implementation of research work and the formation of a strategic platform for the organization and implementation of research and professional / scientific projects and participation in international programs and projects.

19th Nov 2021
10.00 - 11.00

Ana Nikezić, *Associate Professor*
Faculty of Architecture, UB-FA
University of Belgrade

Contemporary Urban Ecologies: Architecture for the Cyborg Society

Thematic Study Session

In the age of Anthropocene, challenges of climate change, pollution growth, vanishing resources and environmental negligence force us to rethink urban regeneration strategies.

In times of technologically rich, digitally intelligent but also ecologically aware society, a key issue is to envision a relationship between nature and culture in which architecture choreographs a new complex urban ecosystem - a cyborg between nature and culture.

In this lecture, I argue that a regeneration approach that integrates biotic and abiotic systems to produce a more dynamic

spatial configuration embracing notions of adaptation, responsiveness and interactivity creates a sustainable hybrid infrastructure capable of crossing a range of spatial, temporal and program scales.



María F. Carrascal Pérez is PhD Architect and Postdoctoral Researcher at the Department of Urban Planning, lecturing at the University of Seville (USE) since 2008. Her work explores the field of creative regeneration of contemporary cities in the North American and European contexts, particularly focusing on the role of art/culture. She is a USE research member of UNESCO's Chair CREhAR and the Erasmus + project HERSUS. She was the responsible for the Creative Industries Program in Seville's City Council Director Plan of Historic Built Heritage (2019-2021), and her proposal "CREAdistrito", a Creative District for the North-east Area of Seville's Historic Center, was distinguished with 2020 Magallanes-Elcano Social Innovation Award. Co-founder of Laboratorioq.com, an international research platform on creative urban places, tactical actions and processes (US-Sevilla; UCL-London; Universidad de los Andes -Bogotá; Politecnico di Milano-Milan), and the network and forum @dmujerand on Design and Women in Andalusia. Since 2013, she has lectured at the Master of Sustainable City and Architecture (USE), and created special seminars and courses such as "Pioneering an Open Access to the City. New York in the 1970s" at Cornell University (2018) or the practical seminar "Tactical Piacenza, on Creative Urban Practices" at Politecnico di Milano (Master of Sustainable Architecture and Landscape Design, 2017). Carrascal has also been visiting scholar at Columbia University, the Municipal Art Society of New York, St John 's University New York, Universidad Nacional de Colombia, or Universidad de Barcelona. Her office, ARTIPICA Creative Spaces, focused on temporary architecture and its work has been distinguished by national and international institutions including COAM Awards- Madrid's Official Professional Association of Architects, FAD Awards for Architecture and Interior Design-Barcelona, ICO Foundation-Spanish Government, or the Architectural League of New York.

19th Nov 2021
11.00 - 12.00

María F. Carrascal Pérez, CREhAR
Unesco Team

Creativity and City. A narrative on alternative urban transformation

Thematic Study Session

In the context of the crises of the new millennium, the creativity-city binomial is arousing growing interest, consolidating a line of research of its own. Its study reveals different stages and approaches, as well as alternative and innovative patterns of urban transformation related to each one of them. In a first stage, it could be said that the field of culture promoted an incipient creative movement with an urban component. Contemporary art anticipated alternative urban strategies through the activity of its groups and communities. The artistic collective of the 1960s and 1970s, with a yet unknown outstanding female leadership in paradigmatic cities such as New York, came to expand the built heritage imaginary and to promote a reactivation of the obsolete city from an incipient ecological awareness. After this stage, culture was to be fully considered as an industry and identified with particular districts or urban areas. With the turn of the century, this productive connotation extended to other creative sectors and strengthened its connection with the city.

The Creative City model powerfully emerged in this developmental urban era. Since 2008, however, a critical period hit by a double crisis, financial and health, begins which questions the traditional mechanisms of urban development and focuses on citizenship as urban innovators, encouraging reuse rather than tabula rasa. Operations of "Minor Architecture", as professor Jill Stoner named them, and procedures of tactical and temporary urbanism now proliferate, recalling the urban ecology of the original artistic communities. Indeed, recent reports, policies and international strategic plans further insist that this new wave of creativity motivates sustainable urban processes of regeneration. What and how can we learn from these creative and artistic approaches to deal with the existing city?

This lecture briefly reviews the evolution of this Creativity-City binomial from the second half of the XX century to finally focus on current creative strategies of urban regeneration.





Andreas Savvides is a registered architect and city planner and a LEED® Accredited Professional. He studied architecture and city planning in California and Massachusetts and he has practiced as part of interdisciplinary design teams working on institutional projects in the United States (New England region). He has also served as one of the education directors at the Boston Architectural Center (BAC) where he taught, amongst others, design studios and workshops in interdisciplinary design and integrated project delivery. His work has been published in the Journal of Urban Design (JUD) and in Design Principles and Practices: An International Journal and it has received an honorable mention by the ARCC Journal. In 2002 he won an Eisenhower Research Fellowship to carry out research on Highway Joint Development at the Volpe National Transportation Systems Center. More recently and as part of a three-person team with Stephen Moore and Don Giard, they won the prize for Best Green Design for their Roxbury Gardens proposal, part of the AIA sponsored Dudley Square Competition in 2008. Also, working together with the BAC's Practice Department Head Len Charney, they won second place for the 2009 NCARB Prize, validating longstanding coursework integrating academic and professional training and collaboration in architectural design and development.

19th Nov 2021
12.15 - 13.15

**Andreas Savvides, Assistant
Professor, Department of
Architecture, UCY**

The role of the adaptive reuse of listed settlements as a strategy for sustainable housing (re)development

Thematic Study Session



Chiara Ocelli is an associate professor of Architectonic Restoration, part of the Department of Architecture and Design at the Politecnico di Torino and an elect member of the National Academic Council, advice authority of the Ministry of Instruction, University and Research (CUN). She holds courses at the PhD level, graduate school level, and International Master level; she also is a tutor for several degree theses at master's degree level and some doctoral thesis and co-tutor for doctoral thesis of students abroad. Her research activity focuses on 3 points: the relationship between restoration and history, with the latter to be intended as structural and building history of architecture; the relationship between renovation and the design of new structures; the relationship between renovation, local area and cities. These three points contain an underlying thought, which has as a final connotation the teaching of a renovation project: the transmissibility of the subject mainly focuses on the theme/problem of interdisciplinary and complex renovation actions is a recurring theme in her works. Given the abundance of themes and abilities involved in a renovation project, she carries on several research teams, cooperating with colleagues specialized in both architecture and engineering.

19th Nov 2021
14.30 - 15.30

Chiara Ocelli, *Councillor of National University Council, Associate professor Politecnico di Torino*

Between the World and Earth: a necessary reconciliation.

The role of the restoration project

Thematic Study Session

The situation we currently face is forcing us to reflect on the need to change the economic and cultural paradigm in which we are immersed. The main theoretical assumptions in my paper come from the writings of Serge Latouche, Michel Serres, Yona Friedman and especially the territorialist proposals of Alberto Magnaghi and the Gilles Deleuze and Felix Guattari's notions of "territorialization/deterritorialization".

José Ortega y Gasset and Martin Heidegger contributions to the "Darmstädter Gespräche" and the reflections Cesare Pavese made are also relevant to a critical analysis of that detachment between World and Earth which has resulted from an excess of confidence in technology and which today we must try to resolve. The only way we can repair this fracture is by putting memory to use. Architecture offers

us this precise possibility, because it always contains traces of the Earth. Today, therefore, we must look again at the architecture we have produced, with a new gaze, one which allows us to find a way to re-inhabit, rather than to construct. In order to learn how to dwell, we have to go back, re-appropriate our territory: in a similar way to the rituals that recall the founding of ancient Rome, we must move through our space on foot or by bicycle, and understanding it, in order to be able to get back to discovering the Earth within architecture. At the end of these reflections, an example of a project carried out with a team of students from Politecnico di Torino will be presented. A student competition involved designing and building a housing module for walkers and cyclists along the Cavour Canal cycle path.

Bibliografia >>





Athina Vitopoulou is an assistant professor at the School of Architecture, Aristotle University of Thessaloniki (SA AUTH). She studied architecture in SA AUTH (1997) and theories and mechanisms of architectural and urban design in Paris (Ecoles d'Architecture and IFU-Université Paris 8, 1998). She holds a PhD in History and Cultures (EHESS, Paris, 2010), which was awarded the "Grand Prix de Thèse sur la Ville 2011". She has developed rich research and writing activity on issues related to theory and practice of sustainable urban design and planning, urban regeneration strategies and socio-spatial transformations, environmental design, sustainable urban mobility, urban policies, land policies, mechanisms and processes of urban space production, urban history and history of urban planning, protection and enhancement of urban cultural heritage. She has participated in national and European research programs; she has presented her work in many national and international conferences, workshops and seminars and has published in scientific journals, conference proceedings and collective works.

19th Nov 2021
15.30 - 16.30

Athina Vitopoulou, *Assistant professor, School of Architecture, AUTH Aristotle University of Thessaloniki*

From *recupero* to *reurbanism* via *re-generation*. Urban heritage within sustainable urban design approaches

Thematic Study Session

Since the mid-1960s, approaches to existing urban fabric interventions have evolved mainly in relation with: a) the shift from comprehensive rational urban planning to urban design that turned the attention back to three-dimensional urban space and its constitutive elements, took into consideration the local characteristics, the identity/ies of the place and its particularities, and redefined the importance of public space; b) the enlargement of the cultural heritage concept from monuments to wider urban environments, and the shift from sterile preservation and restoration of monuments and historic centres emphasizing their historical and aesthetic value to their adaptive reuse in line with contemporary needs. The aim of the lecture is to highlight the significance that urban heritage holds within urban design strategies for revitalizing post-industrial cities. Thus, it will briefly look over the evolution of these strategies mainly by revisiting some emblematic urban interventions: From the cultural and political approach of *recupero* in Bologna that influenced urban rehabilitation strategies focused

mainly on historic centres all over Europe during the 1960s-1980s, to urban regeneration strategies from the mid-1980s onwards concerning mostly built-up but abandoned areas within the cities (brownfields, wastelands, etc.), which gradually incorporated sustainability issues and the return to the compact city, to most recent concepts such as the ReUrbanism, first defined by the USA National Trust for Historic Preservation, which focuses on ten guiding principles promoting city branding and identity, sustainability, walkability, and social creativity through the reuse of historic buildings.

Despite the appearance of various concepts and terms and the indisputable enrichment of urban design approaches during the last 50 years, especially in relation to environmental design strategies and tools, the lecture will try to demonstrate that some common enduring principles characterize successful and sustainable urban interventions, one of them being the enhancement of urban heritage elements.



15th Dec 2021

HERSUS luav Tutor Team

HERSUS final exhibition

On students works publication on HSP

Workshop outputs

The C2: Hersus International Workshop on Sustainable Reconstruction in Urban Areas has been held in the frame of Hersus Project Learning/Teaching/Training Activities.

Hosted by Università luav di Venezia, the Workshop was led by professors and tutors with different profiles and research fields. The case study proposed to the students was the Valmarana Salvi Gardens in Vicenza.

The Workshop's program aimed to improve innovative possibilities of Blended Mobility. Each phase, online and in presence, involved 18 master's degree students from the HERSUS project partners' universities. Students were involved in experimental Virtual Exchange activities to promote a multidisciplinary networked approach. The dialogue between incoming students and professors from different nationalities facilitated a multicultural exchange based on Sustainable Reconstruction in Urban Areas. The cultural values from each participant promoted diversity, equity and inclusion on the Workshop's topics.

Students worked in international groups of 6 students in collaboration with the luav Research team Vicenza Visioni and Institutions such as the Superintendence of Archeology, Fine Arts and Landscape for the metropolitan area of Venice and the provinces of Belluno, Padua and Treviso.

The first phase was online and involved all the consortium partners. Starting from the Case study presentation, students get involved in the main

topic of Sustainable Reconstruction in Urban Areas. Five international speakers from different countries discussed the theme of sustainable reconstruction in urban areas, addressing the issue from multiple aspects and points of view.

The second phase, held in an intensive week in Venice, allowed students to experience the Site and promote multicultural exchange. In this phase, students worked on the analysis of the Site using a collaborative cartography tool to map tangible and intangible values of the place.

The identification of a synthesis of problems investigated from different points of view and different scales allowed students to find the most suitable design solutions to the issue related to cultural and historical contexts.

At the end of the intensive week, students had the possibility to share with the HERSUS international team of professors and tutors their analysis and strategies for Valmarana Salvi Gardens.

In the third phase, students shared the work and general doubts on the workshop output with Professors and Tutors in online synchronous and asynchronous critic for the final outputs' narration.

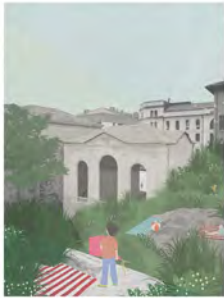
The final Exhibition of Workshop 1: Sustainable Reconstruction in Urban Areas on the HERSUS Sharing Platform const of a General post (this one) with the resume of the workshop activities and final consideration and one post for each Student Group.



Student final consideration

Group 1 | Emerging Fragments of Collective Memory

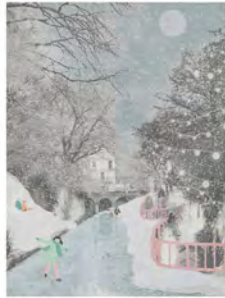
Peter Covell, Università Iuav di Venezia
 Virginia Del Puerto, Universidad de Sevilla - UNESCO Chair CREhAR
 Dunja Dedic, University of Belgrade - Faculty of Architecture
 Athanasia Kloura, Aristotle University of Thessaloniki
 Marios Kyriakou, University of Cyprus
 Ana Laura Solano, Università Iuav di Venezia



GRAND WELCOME
 Longue des Longhina gets converted into a new main entrance to the Gardens, bringing back its presence into the space, providing a new perspective of the northern edge of the garden. Borders are blurred, the garden outside the rooftop, summer blessing



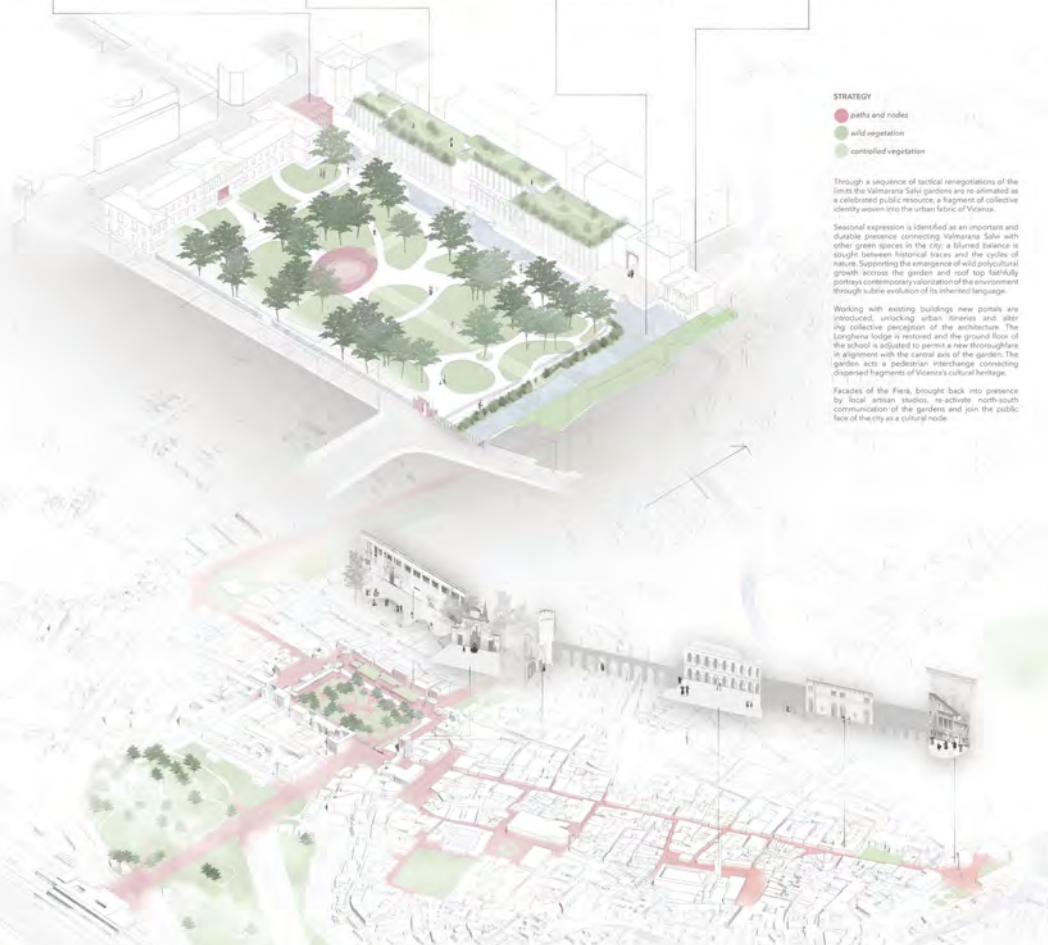
ROOFTOP GARDEN
 A new continuity between the existing garden and the rooftop emerges. Observed conditions of multiplying gardens are amplified, vegetation dominates the landscape, actions, functions, emerging landscapes



DELIGHT IN THE EXISTING
 The east border and its canal regain their purpose, a place of delight for the people. The landscape will provide new quiet quarters. A fragment of collective memory is recovered through contemporary concepts, winter, making limits, collective delight



FOCAL POINTS
 A new perception of Eugenio Valmarana is constructed, his impressions are amplified, memories revived. By dissolving the existing limits, at the same time forming key elements, it is possible to modify and improve the relationship between the space of the garden and its users, spring, raining, collective perception



STRATEGY

- paths and nodes
- wild vegetation
- controlled vegetation

Through a sequence of tactical re-negotiations of the limits the Valmarana Sali gardens are re-activated as a celebrated public resource, a fragment of collective identity opens into the urban fabric of Venice.

Seasonal expression is identified as an important and durable presence connecting Valmarana Sali with other green spaces in the city; a blurred balance is sought between historical traces and the cycles of nature. Supporting the emergence of wild polycultural growth across the garden and roof top, tactfully portrays contemporary valorization of the environment through subtle evolution of its selected language.

Working with existing buildings new points are introduced, unlocking urban spaces and altering collective perception of the architecture. The Longhina bridge is restored and the ground floor of the school is adjusted to permit a new thoroughfare in alignment with the central axis of the garden. The garden acts as a pedestrian interchange connecting dispersed fragments of Venice's cultural heritage.

Facades of the Park, brought back into practice by local artisan studios, re-activate north-south communication of the gardens and join the public face of the city as a cultural node.

Emerging Fragments of Collective Memory | Ana Laura Solano, Ash Laura Solano, Peter Covell, Dunja Dedic, Marios Kyriakou, Virginia Del Puerto

C2: International Students Workshop | Venice
 Case Study: Valmarana Sali Gardens | Venice
 WERDES Jury Team: Emanuela Saffio, Enrico Angelutti, Sofia Tonello, Giulia Rossi, Federica Alberti, Gianluca Spionetti, Tommaso Molteni, Marco Tosiato

PARTNERS
 The University of Belgrade - Faculty of Architecture and Urban Design
 Università Iuav di Venezia - Italy
 The University of Cyprus
 The Aristotle University of Thessaloniki of Greece
 The University of Sevilla of Spain

Enhancing of Heritage Awareness and Sustainability of Built Environment in Architectural and Urban Design Higher Education

Group 2 | Inclusive accessibility | Sensorial routes through Heritage site

Laura Else Radu, Università Iuav di Venezia
 Violeta Jovanova, Università Iuav di Venezia
 Emmanouela Myrtaki, Aristotle University of Thessaloniki
 Relja Petrovic, University of Belgrade - Faculty of Architecture
 Luis Rodríguez Díaz de León, Universidad de Sevilla - UNESCO Chair CREhAR
 Dimitriou Savvas, University of Cyprus

STRATEGY

Linking the areas that concentrate qualities of different nature with a path that allows the user to have a sensorial tour of the garden while being in a permanent "dialogue" with the historical surroundings.

ARCHITECTURAL ASPECTS

Identifying the buildings with high architectural value on the site and in its immediate closeness and architecture that creates disruption in the relation between the garden and the city.

LANDSCAPE ASPECTS

Establishing issues regarding the materials used in pavements (such as gravel) that create a disruption in terms of accessibility for disabled users and enclosed accesses that could open more the garden to its surroundings.

URBAN ASPECTS

Identifying the garden's most and least used accesses, the path that most people take when passing through it and the urban connections that define the garden's borders.

■ DISRUPTIVE ELEMENTS
■ CONNECTING PATHS
■ MONUMENTS

INCLUSIVE ACCESSIBILITY | SENSORIAL ROUTES THROUGH HERITAGE SITES

The garden has always been the "hiding place" of the city, a place for meditation, contemplation and recognition of the city through nature. Being a "safe spot" on the urban texture, the garden is often the environment that helps one to experience an approach and an opportunity of invaluable observation of the tangible and intangible heritage: rough the spectrum of the living fiber.

Giardino Valmarana Salvi, a UNESCO world heritage site, is an extraordinary concentration of tangible and intangible values. Although located at the turning point of the area that establishes one of the most important urban connections of Vicenza (Vicenza train station and the historic center of the city), it exists but does not live with the rest of the city.

Observing this phenomenon was the starting point of the project which aims to analyze the factors that created this disruption. Note that can help reconnect the garden to the city and most importantly how the garden can become an accessible space for all those who have to design to meet this secret place.

The word accessibility is often a bypassed topic, especially when it is a public heritage. The solution of the project is the result of finding the balance in the relationship between the two, a non-invasive and minimal intervention that avoids the alienation of the character of the existing space through the excess of new additions.

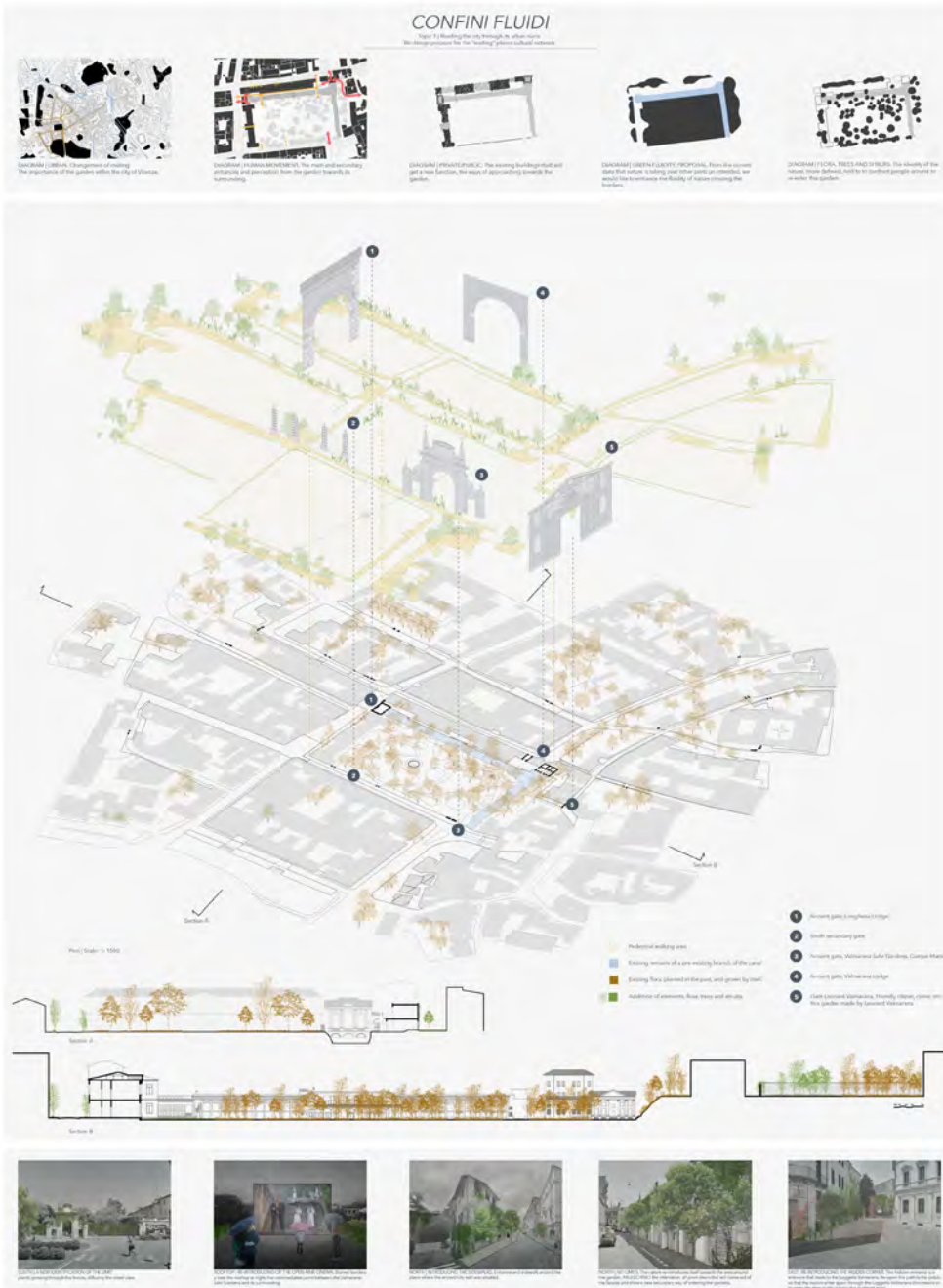
An anchored path of tangible and intangible elements is designed to facilitate a sensory dialogue between the visitor and the garden, whether it is started by the visitor by palpating the texture of "memoria dello spazio", or the garden "embraces" the visitor at certain points along this path. Thus, the garden is reintegrated into the urban context by creating this new and curious way of exploring the garden through the prism of the olfactory, tactile, auditory and visual senses.

GROUP 2 | Emmanouela Myrtaki, Ioanna Vlachou, Laura Else Radu, Relja Petrovic, Sotirios Dimitriou, Ioana-Roxana Elisabeta-Lupu

C2: International Student Workshop | Venice
 Case Study: Valmarana Salvi Gardens | Vicenza
 MEMO: Luis, Ioanna, Emmanouela-Sotirios, Enrico Angelucci
 Sofia Tonello, Giulia Rossi, Federica Alberti, Gianluca Spionelli, Tommaso Motta, Marco Tosatti

Group 3 | Fluid Borders - Confini Fluidi

Mercedes Andrades Borrás, Universidad de Sevilla - UNESCO Chair CREHAR
 Chara Elia, University of Cyprus
 Yannick Joosten, Università luav di Venezia
 Eleni Kaimakamidou, Aristotle University of Thessaloniki
 Nenad Pavlovic, University of Belgrade - Faculty of Architecture
 Vittorio Perotti, Università luav di Venezia



Fluid borders | Eleni Kaimakamidou, Vittorio Perotti, Yannick Joosten, Nenad Pavlovic, Chara Elia, Mercedes Andrades Borrás

UNIVERSITY OF BELGRADE, UNIVERSITY OF CYPRUS, ARISTOTLE UNIVERSITY OF THESSALONIKI, CREHAR, UNIVERSITY OF SEVILLA, UNIVERSITY OF VENICE

Co-organized by the University of Belgrade - Faculty of Architecture, University of Cyprus, Aristotle University of Thessaloniki, CREHAR, University of Sevilla, University of Venice

Case Study: Valmarana Salt Gardens | Venezia
 UNESCO Jury: Tiziana Emanuella Soriano, Enrico Angelilli, Sofia Torralba, Giulia Rossi, Federica Alberti, Giuseppa Spasovelli, Susanna Morsetti, Marco Tosatti

Partnership of Belgrade, Research and Sustainability of Built Environment in Architectural and Urban Design Higher Education



25th Nov 2021
10.00 - 10.30

Vladan Djokić, *HERSUS Project*
Leader, PhD, Full Professor

HERSUS Project: Motivation, Activities and Expected Outcomes

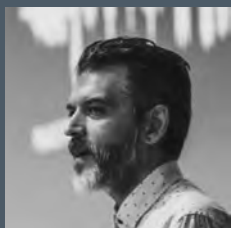
Presentation of the professional profile

Project scope presentation will make a brief review of the Erasmus + project entitled 'Enhancing of Heritage Awareness and Sustainability of Built Environment in Architectural and Urban Design Higher Education' (HERSUS) which is being realized as a Cooperative key Action for innovation and the exchange of good practices within the Strategic Partnerships for higher education action type. Having in mind that the project proposes a number of activities of cooperation between the research sector, private and public sector, targeting both local and regional support towards higher education and practical arena cooperation, the intention of this presentation is to provide insight into the project background, and completed and planned intellectual outputs to the Multiplier event participants. The presentation will also include the initial motivation for creating the consortium and project proposal, objectives, expected results and long-term impacts of the project, as well as timetable of activities and presentation of intellectual outputs and HERSUS events.

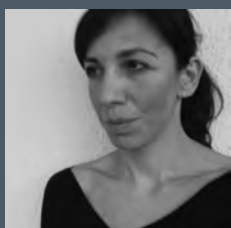
a new profile of architectural educator

a new profile of an architect/urban designer





Konstantinos Sakantamis is an architect engineer (Dip. Arch, Aristotle University of Thessaloniki) and holds a Master's Degree in Advanced Architectural Studies and a PhD from the School of Architecture, The University of Sheffield. Since 2008, he is a practicing architect, having received awards and commendations for his professional work. He is a founding member of the ArchSix Architecture Studio and an Assistant Professor of Architectural and Urban Design at the School of Architecture, AUTH. Since 2014, he also teaches at the MSc program "Environmental Design of Cities and Buildings" at the Hellenic Open University, and since 2015 he is a member of the management committee and lectures at the Program of Postgraduate Studies, "Environmental Architectural Design" (EAD) at the School of Architecture, AUTH. His research interests include environmental building / urban design, sensescapes, and transportable environments.



Angeliki Chatzidimitriou is an Architect Engineer and Postdoctoral Researcher at the School of Architecture of Aristotle University of Thessaloniki (AUTH). Her research and practice focus on sustainable environmental design of buildings and urban open spaces, microclimate development and outdoor thermal comfort. She holds an MA degree in Environment and Energy Studies from the Architectural Association, a PhD from the Civil Engineering Dept. of AUTH and has completed two Post Doctoral studies in Architecture Dept of AUTH. She has participated in several interdisciplinary academic research projects, presented research in international conferences and published in peer reviewed journals. She has taught courses of architectural and environmental design in academic institutions in Greece, given lectures in Greece and the UK, joined scientific committees for regulation codes formulation and collaborated with various practices as an environmental design consultant in public and private design projects. She is currently teaching courses at AUTH and the Hellenic Open University, participating in an urban redevelopment project for the municipality of Athens and in two academic research projects at AUTH.

Konstantinos Sakantamis, HERSUS
*AUTH Scientific Coordinator and
Project Manager, Assistant Professor;*
Angeliki Chatzidimitriou, HERSUS
*AUTH Post-Doc Researcher, Teaching
Assistant*

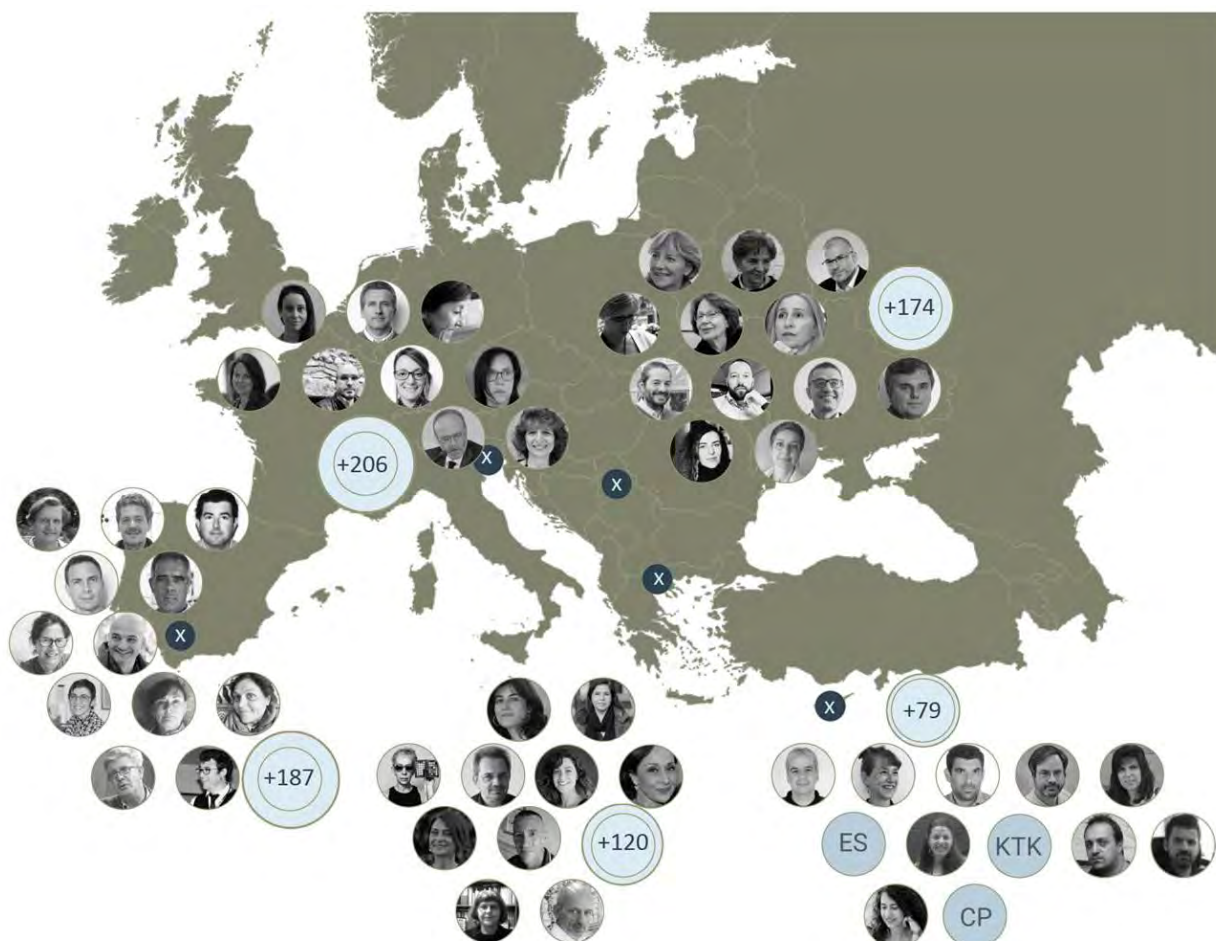
26th Nov 2021
10.30 - 11.00

HERSUS IO2: learning from experts and students.

Presentation of the professional profile

The presentation focuses on the outcomes of Intellectual Output 2 (IO2) of the HERSUS research project. The scope of the survey undertaken was to create an argumentative and critically analysed report on the state of learning of sustainability and heritage in higher education. The study is based on the dissemination of two online questionnaires within the five HERSUS participating countries/institutions (Serbia, Italy, Cyprus, Greece and Spain). The first addresses experts in the fields of cultural heritage conservation and sustainable environmental design, occupied in academia, public administration, NGOs and the private sector. The second directs queries to students at master level studies, PhD researchers and recent alumni from academic institutions, in the five participating countries, regarding their experience from their

study programs, their expectations and future prospects in the professional environment. The survey analysis was conducted independently for each country and comparisons derive from the review of the international summed outcome. The results of the survey reflect the views of 54 experts and 766 students. The analysis reveals comparable results among responses, with similarity and variation between the views of experts and students. Common ground between the two groups of respondents is found for the establishment of further links between academic education and professional practice, interdisciplinarity in education, and the need for a more systematic correlation between concepts of sustainability and heritage.





Dr. Ana Nikezić is Associate Professor at Department of Architecture and Vice-dean for Education and Research at UB-FA. She holds a PhD in Architecture (2006) with more than 20 years of teaching experience in the area of Architectural and Urban design and over 14 years of experience in research projects. She is particularly interested in connecting of the theoretical and the practical dimension of designing and architecture in general. Particular academic attention has been brought to the subject of relations between architecture and nature, architecture and urban culture, as well as to the subject of socially responsible architecture based on an interdisciplinary approach. Dr. Nikezić is the initiator for the establishment of the Research Center at UB-FA (2017), within which she strives to strengthen capacity and provide organizational and technical support in the implementation of research work and the formation of a strategic platform for the organization and implementation of research and professional / scientific projects and participation in international programs and projects.

25th Nov 2021
09.00 - 10.00

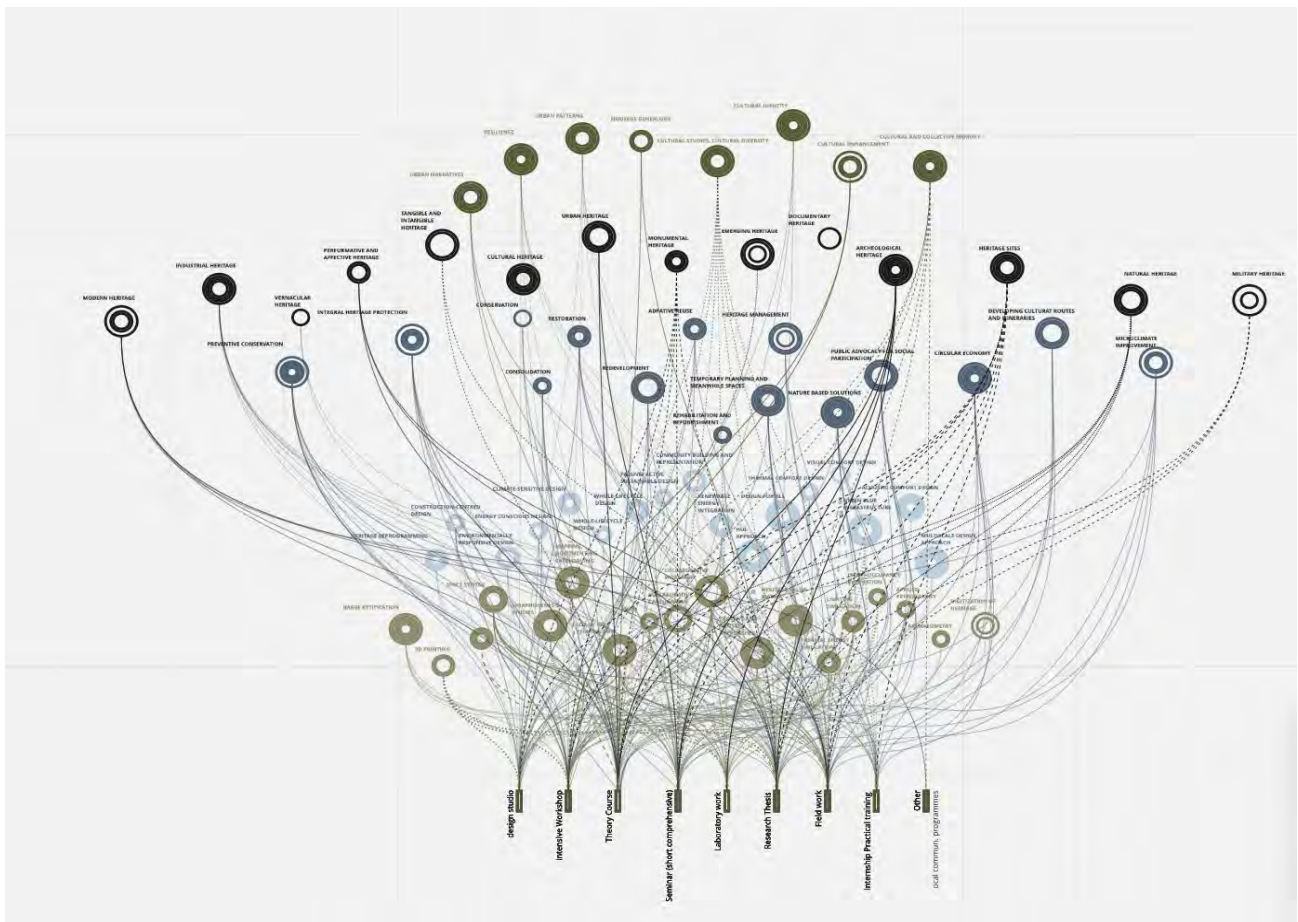
Ana Nikezić, *Associate Professor*
Faculty of Architecture, UB-FA
University of Belgrade

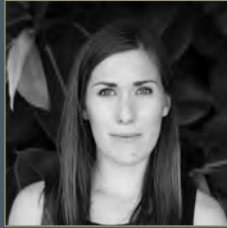
Presentation of Statements for Teaching through Design for Sustainability of the Built Environment and Heritage Awareness

Presentation of the professional profile

The content of presentation will have specific goal to disseminate the results of the third HERSUS Intellectual Output, Statements for Teaching through Design for Sustainability of the Built Environment and Heritage Awareness, which provides a framework for the future professional profile of architectural and urban designer for sustainable heritage. The presentation will be structured in three parts: (1) background and methodology of the conducted research and statements development,(2)publication structure

followed by presentation of critical concepts (terms) in relation to educational perspectives in a form of Vademecum, and (3) concluding remarks for five groups of analyzed terms (notions, heritage types, design approaches, actions, and tools).





Irene Sgarro (Trieste, 1991) is an Italian graphic designer working in different fields including web design and development, book design, visual identity and graphic design for exhibitions. She holds a Bachelor's Degree in Graphic Design from the Academy of Fine Arts in Venice (2013) and a Master's Degree in Design for Publishing at ISIA Urbino (2017), where she graduated with a thesis on the application of experimental publishing models to the academic context of design universities.

In the last years she has worked as a graphic and digital designer for several studios in Germany and Italy, dealing with graphic and exhibition design for cultural institutions, museums and festivals, and with the development of digital communication strategies for companies. In 2019 she has started her own graphic design and web development practice collaborating with institutions, design studios, public administrations and companies.

Since 2020 she is a research scholarship recipient at the User Lab of Università IUAV in Venice. Her research focuses on topics connected to user experience and interface design, with a special focus on user-centered design for applications, websites and digital platforms. Since 2020 she is also teaching assistant at the Communication Design Lab, where she deals with design fundamentals and alternative publishing practices and models.

25th Nov 2021
09.00 - 10.00

Irene Sgarro, *graphic designer*
HERSUS Iuav Team

HERSUS Sharing Platform Didactic Tool

Presentation of the professional profile

The presentation will focus on the aim and usage of the HERSUS Sharing Platform, a digital platform for researchers and students conceived as an educational tool and archive of resources around the topics of sustainability and heritage awareness in architecture and urban design.

The platform has been designed and developed as a source of reference and inspiration to refer to when doing research in the fields that the HERSUS project aims to investigate. Just like Warburg's Mnemosyne atlas and Malraux's Imaginary museum, where materials from different contexts are linked to create new reading patterns, the platform's content is horizontally structured and follows a specially designed ontology that acts as a filtering tool and helps developing a new approach to researching, finding and gathering information. The platform's innovative aspect lies in the ability to create links between apparently distant subjects,

showing underlying narratives, connections and overlappings that bring contents together on different levels – geographical, contextual, cultural, informative, purpose-wise, etc. The platform serves therefore for publishing new and old material as well as for its recontextualisation and analysis, and will be a showcase for the contents produced as part of the Students Workshop in Venice.

The presentation will explain on a technical level how to access, navigate and use the HERSUS Sharing Platforms, demonstrating how to add new content in the public and private areas of the platform and how to contribute with personal insights to already published material. During the Students Workshop in Venice, students will be encouraged to use the platform as a publishing tool to share ideas, thoughts, projects, insights and materials around their topics of research.

HERSUS Sharing Platform Submit About

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Heritage Awareness and Sustainability of Built Environment between theory and practice

#StudentWorkshops #CulturalHeritage

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Prize on Modern Built Heritage Student Workshops General

Mitigating Climate Change in the Cultural Built Heritage Sector

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NO CONTRIBUTIONS YET + ADD

Creative and Artistic Approaches



I
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U
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A
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V

