



Preliminary program 15.7.2024

## **RESILIENT FORTRESS – SUOMENLINNA SUMMER SCHOOL**

2-4 September 2024

ERASMUS +



Funded by  
the European Union

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Ancient and modern fortifications were designed by the best available military engineers and designers. They were places of technological and logistic innovation, planned to be autonomous in case of siege. These places of defence and attack can educate us on building techniques, on economic use of building materials and recycling, as well as on water management. Since 16th century and until the 20th century the architecture of war includes massive amounts of earthworks spread to wide areas that today are proper to ecological reserves much needed in the preservation of biodiversity. More than any other category of cultural heritage, the widespread fortified heritage unite architecture with landscape.

Due to the structural strength of defensive structures, many European fortifications once abandoned by army, have become protected monuments, places to live and to work, places to visit. They have a meaningful potential in European well-being, and they have an important role in teaching us our own history in its international context.

Originally built to resist artillery, it is almost a paradox, that today the new common enemy of fortified heritage is climate change. Since about ten years – at least in Suomenlinna – the negative effects of climate change are clearly detectable: both masonry structures and cultural landscape have become vulnerable.

The restoration principles of protected sites follow international recommendations. In addition, every site has its own problematics related to its characteristics and the balance between the needs and the means available. Site related restoration solutions are always required. These global and local characteristics on protection and conservation are also proper to military architecture itself. The development of fortifications design can be considered as global – because the military architecture has always been related to a worldwide development of weapons – and local, because defence constructions are always site-specific, built as much as possible with local materials.

Facing the common challenge of climate change, the awareness of environmental sustainability has increased also in the field of cultural heritage. Today we know that to find solutions in preserving at the same time fortified landscape, its built structures, and its ecosystems is an urgent necessity.

Suomenlinna Summer School is the first event of nine-month ERASMUS + project Resilient Fortress. Thanks to European funding, professionals engaged in fortified heritage preservation in Naarden (NL), in Mont-Dauphin and on the Port of Vauban, Antibes (FR), in Monte Tesoro and Forte Aurelia (IT) and in Suomenlinna, Hamina, Hämeenlinna, Olavinlinna and Turku (FI) together with experts on climate change and biodiversity from Helsinki Municipality can meet, exchange experiences, ask questions and learn from each other.



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## (IT) Restoration and Preservation of Fortified Heritage and its Landscape. The Case Study of Forte Tesoro and Forte Aurelia

Fiorenzo Meneghelli, architect, Andrea Meneghelli, architect-ingenieur / Studio Architettura Meneghelli



Monday, 2 September 2024 /  
**Suomenlinna general presentation** 16:00–21:00  
Venue: Suomenlinna C40

Tuesday, 3 September 2024 /  
**Lecture day** 9:30–18:00  
Venue: Suomenlinna B17c

Opening lecture on **Environmental Responsibility**

(FI) **Suomenlinna Fortified Structures, Vegetation, Landscape: Questions for Collegues** Tuija Lind, architect, Iina Johansson, landscape specialist and gardener, Pia Kurki, landscape architect / Governing Body of Suomenlinna

(F) **Mont-Dauphin Fortification, the Problematic of a Long-term Conservation** Laurent Alberti, state architect, administrator, Isabelle Fouilloy-Jullien, administrator, curator Mont Dauphin / Centre des monuments nationaux

(NL) **Naarden; Knowledge and Research-based Preservation** Jeroen van der Werf, engineer, construction historian / Stichting Monumentenbezit  
**Naarden; Towards a New Green Maintenance**  
Federica Marulo, assistant professor / Groningen University

(F) **Port Vauban, Antibes, Restoration of Bastion Saint Jaume, Preservation of its Inhabitants**  
Germaine de Bazelaire, architect (heritage), Baptiste Grandais, architect / Agence d'Architecture Philippe Prost

Wednesday, 4 September 2024 /  
**Visits, workshop** 9:30–16:00, Venue: Suomenlinna B29

Bastion Saint Jaume, Port Vauban, Antibes, EDITADA



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