

# SHELTER Final Conference

27-28 April 2023

UNESCO Regional Bureau for Science and Culture in Europe  
(Palazzo Zorzi, Castello 4930) Venice, Italy

## PROVISIONAL AGENDA

### Day 1 – 27 April 2023

- 9.30 *Arrival and registration*
- 10.00 **Welcome by authorities**
- Ana Luiza M. Thompson-Flores, UNESCO Regional Bureau for Science and Culture in Europe
  - Piret Noukas, Project Officer, European Commission (*online*)
  - Veronica Piacentini, Italian Civil Protection
  - Massimiliano De Martin, Councilor, Venice municipality
- Moderation by Francesca Bampa, UNESCO Regional Bureau for Science and Culture in Europe*
- 10.20 **The history of SHELTER** (Aitziber Egusquiza Ortega, TECNALIA)
- 10.40 **Data and Knowledge extracted: operationalising data for improved heritage management** (Marco Folegani, SISTEMA)
- 15 minutes on the results, presenting key challenges and outputs + 5 minutes Q&A*
- 11.00 *Coffee break*
- 11.30 **Systemic historic area resilience assessment and monitoring: how to build multidimensional, cross-scale and systemic resilience assessment and monitoring workflows that provide information in all the phases of Disaster Risk Management** (Alessandra Gandini, TECNALIA)
- 15 minutes on the results, presenting key challenges and outputs + 5 minutes Q&A*
- 11.50 **Collaborative planning for building low-carbon systemic resilience: protocols, plans and guidelines for all the Disaster Risk Management phases** (Angela Santangelo, University of Bologna)
- 15 minutes on the results, presenting key challenges and outputs + 5 minutes Q&A*
- 12.10 **Community approach and resilience financing: mapping and supporting GLOCAL actors for adaptive governance and enhancing**



**economic resilience while implementing financially sustainable Disaster Risk Management and Climate Change Adaptation practices**  
(Jacques Teller and Louis Durrant [video], University of Liège)

*5 minutes on the results, presenting key challenges and outputs + 5 minutes Q&A*

12.20 **Solutions & Tools. Cost-effective low-carbon technological solutions for prevention, preparedness, response and recovery through building back better and integration with the Decision Support System** (Leire Garmendia Arrieta, University of the Basque Country)

*10 minutes on the results, presenting key challenges and outputs + 5 minutes Q&A*

12.35 **The Data driven platform: supporting Cultural Heritage operators in adaptation and resilience planning**  
(Luca Barco and Claudio Rossi, LINKS)

*20 minutes on the results, presenting key challenges and outputs + 5 minutes Q&A*

13.00 *Lunch break*

14.30 **The SHELTER Open Labs, an overview** (Bertha Vallejo, IHE Delft)

*15 minutes - overview on the results, lesson learnt and replicability*

15.00 **SHELTER Open Labs fair**

*Moderation by Francesca Bampa, UNESCO Regional Bureau for Science and Culture in Europe*

*Modality: the participants will participate in a [world café session](#) to encourage sharing of knowledge, discussions and ideas. The participants will be divided into 5 groups (according to the assigned color) and will rotate visiting each Open Lab roundtable. Each group will be assigned with a group leader from UNESCO who will lead their group through the roundtables. During every round participants will learn from the Open lab responsible about the case study and discuss on the activities performed (15 min max in total), before moving on to a new table representing another Open Lab.*

|                         |                         |                                       |                                      |                                       |   |
|-------------------------|-------------------------|---------------------------------------|--------------------------------------|---------------------------------------|---|
|                         | <b>Sava River Basin</b> | <b>Seferihisar District</b>           | <b>Dordrecht</b>                     | <b>Area of Santa Croce in Ravenna</b> | <b>Baixa Limia-Serra Do Xurés Natural Park in Galicia</b> |
| <b>Scale/ Dimension</b> | Cross-regional          | Urban/Local                           | Urban/Local                          | Urban/Local                           | Cross-regional  |
| <b>Hazard covered</b>   | Floods                  | Earthquakes & Heatwaves               | Floods & Storms                      | Earthquake & Subsidence               | Wildfires   |
| <b>Responsible</b>      | ISRBC and UNESCO        | Seferihisar Municipality and EKODENGE | Dordrecht Municipality and IHE Delft | Bologna University                    | Xunta de Galicia  |

| Room | Zorzi | Codussi C | Goldoni | Codussi A | outdoor patio* |
|------|-------|-----------|---------|-----------|----------------|
|------|-------|-----------|---------|-----------|----------------|

16.40 **The future of SHELTER** (Elizabeth A. Nerantzis, ALPHA)

16.55 **'Research applied to policy'**.

Panellists for discussion:

- Soichiro Yasukawa, Chief DRR Unit UNESCO
- Léonie Evers, Emergency Preparedness and Response Unit, Culture and Emergencies, Culture Sector UNESCO
- Simona Tondelli, pro-rector University of Bologna & RURITAGE project coordinator
- Chiara Menchise, Risk Knowledge Officer, UNDRR Office for Europe and Central Asia

*Moderation by Aitziber Egusquiza Ortega (TECNALIA)*

17.25 **'Impact of research-developed solutions in heritage domain'**.

Panellists for discussion:

- Daniel Lückerrath, EU Task Force partner, Fraunhofer Institute for intelligent Analysis and Information Systems IAIS
- Alessandra Bonazza, STRENCH coordinator, CNR-ISAC
- Mathias Ripp, member of the SHELTER Advisory Board
- Karl Kupka, member of the SHELTER Advisory Board, Climate Adaptation department, Government of The Netherlands
- Dowon Kim, member of the SHELTER Advisory Board, Associate Professor & UNESCO Co-Chair Holder Department of Civil and Environmental Engineering, and Institute of Disaster Mitigation for Urban Cultural Heritage (R-DMUCH), Ritsumeikan University, Japan
- Nermina Katkić, Commission to Preserve National Monuments of Bosnia and Herzegovina and Anuška Deranja Crnokić, Ministry of Culture and Media of Croatia, representatives of stakeholders from the SHELTER Sava River basin open lab

*Moderation by Elizabeth A. Nerantzis (ALPHA)*

17.50 **Final remarks** (Aitziber Egusquiza Ortega, TECNALIA and Jonathan Baker, UNESCO Regional Bureau for Science and Culture in Europe)

18.00 *Cocktail*



## Day 2 – 28 April 2023

### SIDE EVENT - Trial and demonstration of the SHELTER tools

- 9.30 *Arrival and registration*
- 10.00 **Welcome** (Francesca Bampa, UNESCO Regional Bureau for Science and Culture in Europe)
- 10.10 **Practical introduction to the SHELTER tools fair** (Luca Barco, LINKS)
- 10.20 **SHELTER tools fair**

*Moderation by Francesca Bampa, UNESCO Regional Bureau for Science and Culture in Europe*

*Modality: participants will participate in a [world café session](#) to encourage sharing of knowledge, discussions and ideas. The participants will be divided into 5 groups and will rotate visiting each SHELTER tool table. Each group will be assigned with a group leader from UNESCO who will lead their group through the roundtables. During every round, participants will learn from the responsible about the tool, test it and discuss the activities performed (15 min max in total). Participants are required to **bring their computer**.*

| Tool               | Risk Mapping             | Resilience Dashboard            | Decision Support System            | Social Media and Risk Damage Assessment |
|--------------------|--------------------------|---------------------------------|------------------------------------|---|
| <b>Responsible</b> | Duygu Başoğlu (EKODENGE) | Josu Gomez Sicilia (ESTUDIOGIS) | Amaia Lopez de Aguilera (TECNALIA) | Luca Barco Angelica Urbanelli (LINKS)   |

- 11.30 **Chatbot dashboard OUTDOOR exercise:** introduction to the exercise and working modality (Angelica Urbanelli, LINKS)

- Intervention from Venice Calls and Acqua Granda associations

*Modality: each group according to their participant number assigned heads to a specific location following a group's leader. All selected venues (within 10 min walking from the conference premises) represent real cases of damage caused by the extreme flooding in Venice in November 2019. Each group will meet a witness of the event representing one of the following stakeholders: heritage manager, policy maker, library manager and citizen. After a short introduction, the group will be invited to simulate the mission steps that stakeholders would take using the chatbot application. Participants are required to **install Telegram on their smartphone**.*

| Nn of Group     | Group 1                      | Group 2                                | Group 3             | Group 4                             |
|-----------------|------------------------------|--|---------------------|-------------------------------------|
| <b>Location</b> | Fondazione Querini Stampalia | San Marco square & HYPERION case study | Acqua Alta bookshop | Riva degli Schiavoni, waterbus stop |

- 12.35 **Chatbot Dashboard demonstration** (Xileny Portocarrero, LINKS)
- 12.45 **Discussion and conclusions** Aitziber Egusquiza Ortega (TECNALIA)
- 13.00 *Closing of the meeting*

