

Organisers:



Porto,
Portucalense University,
Aula Magna

15-16 June 2023

International Seminar

Which future for vernacular architecture & earthen architecture?

Session 1 - **Preserving the past:** Vernacular documentation, and World Heritage

Session 2 - **Valuing the present:** Intangible knowledge, and knowledge transfer

Session 3 - **Preparing for the future:** Climate action, and adaptation

Round table - **Which future for vernacular architecture & earthen architecture?**

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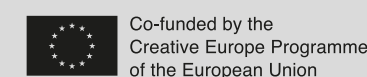
Partners:



Framework:



Co-Funded:



Support:



International Seminar

Which future for vernacular architecture & earthen architecture?

Day 1 - June 15

09h00 Opening

Fernando Ramos, Rector of Portucalense University
Mariana Correia, Director of DAMG & CIAUD-UPT
Miguel Brito Correia, Board member of ICOMOS-Portugal
Teresa Patrício, President of ICOMOS International

Keynote speaker

09h30 Vernacular architecture: challenges & opportunities
Teresa Patrício (Belgium/Portugal), President of ICOMOS International.

Session 1: Preserving the Past Vernacular documentation & World Heritage

Table 1 - Moderation: Mariana Correia

Session 1 - Keynote speaker

09h50 Challenges evaluating World Heritage nominations related to vernacular and earthen architecture
Gwenaëlle Bourdin (France), Director of the World Heritage Evaluation Unit of ICOMOS.

10h10 Documentation strategies for vanishing ancestral puebloan sites
Ekaterini Vlahos (USA).

10h25 Threats to the continuity of vernacular Tukuls of Lalibela, Ethiopia: forced relocation and consequences of World Heritage inscription
Blen Taye (Ethiopia/ United Kingdom).

10h40 Q&A and Debate

11h00 Coffee break & Poster Session

Table 2 - Moderation: Camilla Mileto

11h30 From vernacular documentation to a rural sustainability transition: Mapping traditional communal land management and built environment in Northern Portugal
Bruno Andrade, **Celine Veríssimo**, **Mónica Alcindor** & **David Viana** (Portugal).

11h45 Saharan built heritage: The failure of recognition
Dalia Nabil (Egypt).

12h00 Rediscover the importance and use of lime adobe - from materials and techniques almost forgotten to the experiences of the youngest
Brigitte Capeloa (Portugal).

12h15 The 'strategy of settlement' of rural architecture. An experience of analysis and design on the landscape of the hinterland of Sicily
Fabio Guarrera (Italy).

12h30 Enhancing knowledge and preservation of rural vernacular assets: a GIS-based approach for surveys and cataloguing
Rafael Eudave & **Tiago Miguel Ferreira** (Mexico, Portugal/ UK).

12h45 Q&A and Debate

13h00 Lunch

Session 2: Valuing the Present Intangible knowledge & knowledge transfer

Table 3 - Moderation: Hossam Mahdy

Session 2 - Keynote speaker 1

14h30 Knowledge transfer in VERSUS+ | Heritage for People
Camilla Mileto & **Fernando Vegas** (Spain), **Letizia Dipasquale** & **Alessandro Merlo** (Italy), **Maddalena Achenza** & **Amanda Rivero** (Italy), **Bakonirina Rakotomamonjy** & **Sébastien Moriset**, **Nuria Sánchez** (France), **Mariana Correia** & **Gilberto Carlos** (Portugal).

Session 2 - Keynote speaker 2

14h50 Knowledge transfer in earthen architecture
Bakonirina Rakotomamonjy (France), Chairperson of CRAterre & Associated researcher at CRAterre/AE&CC/ENSAG.

15h10 Video tools: Preserving and transmitting the intangible dimension of earthen vernacular architecture
Angele Keserwany (Lebanon).

15h25 What to do and not to do for the conservation and rehabilitation of vernacular and earthen architecture
Paulina Faria (Portugal).

15h40 Q&A and Debate

16h00 Coffee break & Poster session

Table 4 - Moderation: Maddalena Achenza

16h30 Back to the future
Miguel Ferreira Mendes (Portugal/France).

16h45 Rehabilitation of medieval half-timbered and cob buildings: Contribution of OSTAL Panessac project
Isabelle Moulis (France).

17h00 Vernacular knowledge of Chilean traditional earthen coatings
Patricia Marchante & **Amanda Rivera** (Portugal, Chile).

17h15 From foundations to form: two vernacular and earthen architecture projects through university teaching
Susana Milão, **Ana Lima**, **Luis Paulo Pacheco** & **Telma Ribeiro** (Portugal).

17h30 Q&A and Debate

18h00 Closure of the 1st Day

Day 2 - June 16

Session 3: Preparing for the Future Climate action, & adaptation

Table 5 - Moderation: Telma Ribeiro

Session 3 - Keynote speaker 1

09h00 Which future for vernacular architecture?
Hossam Mahdy, ICOMOS-CIAV President.

Session 3 - Keynote speaker 2

09h20 Which future for earthen architecture?
Maddalena Achenza, ICOMOS-ISCEAH President.

09h40 Preserving archaeological sites in a changing climate: Barriers to Adaptation in earthen archaeological sites
Masoud Nakhaei, **Giancarlo Della Ventura** & **Mariana Correia** (Iran, Italy, Portugal).

09h55 Sustainable use of energy, an idea for the future
Borut Juvanec (Slovenia).

10h10 Modelling and measuring the adaptation of World Heritages sites to climate change
Rim Kelouaze, **Albino Jopel** (Algeria, Mozambique).

10h25 Q&A and Debate

10h45 Coffee break & Poster session

Table 6 - Moderation: Valentina Cristini

11h15 An ecological approach to habitat design - the new vernacular
Sharath Nayak (India).

11h30 Earth and fiber vernacular technologies: Lessons for adapted architecture solutions
Amanda Rivera & **Maddalena Achenza** (Chile, Italy).

11h45 Contribution of earthen construction towards a circular and regenerative built environment
Jorge Fernandes, **Livia Cosentino** & **Ricardo Mateus** (Portugal).

12h00 Comfort and sustainability paradigms applied to intervention in Historic Villages in Central Portugal
Ana Velosa, **Hugo Rodrigues** & **Paulo Silva** (Portugal).

12h15 The role of natural materials in reducing carbon emissions and improving the environmental performance of buildings
Letizia Dipasquale, **Riccardo Pulselli**, **Giadi Giuffrida**, **Saverio Mecca**, **Rosa Caponnetto** (Italy).

12h30 Q&A and Debate

13h00 Lunch

Table 7 - Moderation: Gilberto Carlos

14h30 Built heritage: Screening DRR and CCA options and planning
Esmeralda Paupério & **Xavier Romão** (Portugal).

14h45 Earth in the construction market
Ana Antunes (Portugal).

15h00 Heritage Design Guidelines: Conservation Management Plans vs Saudi Building Code
Adnan Al Jaber (Saudi Arabia).

15h15 New Technologies for earthen construction
Ana Mafalda Matos & **Humberto Varum** (Portugal).

15h30 Artificial intelligence, technological development and local constructive cultures
Clara Pimenta do Vale (Portugal).

15h45 Q&A

Coffee break at the Library

16h00 Round-Table:

Which future for vernacular architecture & earthen architecture?
Place: Library of Portucalense University

18h00 Closure of the International Seminar