

WAC-9  **2022**

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The 9th World Archaeological Congress

ABSTRACT BOOK



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The Ninth World Archaeological Congress
WAC-9
Abstract Book

Prague, Czech Republic
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The Ninth World Archaeological Congress WAC-9 Abstract Book

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PROGRAMME AT A GLANCE

All times in the congress programme are in Central European Summer Time – CEST (UTC + 2).

Sunday 3 July 2022

15:00–20:00	Registration
17:00–20:00	Opening ceremony
20:00–22:00	Welcome reception

Monday 4 July 2022

	Room A1 NEUSTUPNÝ	Room B1 BINFORD	Room B2 UCKO	Room C2 CHILDE	Room C1 KERN	Foyer West GIMBUTAS	Lounge MONTELIUS
08:00–09:30	C08-13 A Critical Visualization of Archaeological Time	B05-01 From Ethics to “New Ethics” – Theory and Praxis	D12-05 Repatriation, Restitution, and Reburial from a South American Perspective	A03-07 Archaeologies of pain and resistance: unveiling subaltern stories	C07-05 From community engagement to engaged community: lessons from public archaeology for sustainable heritage	F15-17 Archaeology of meat – Meat as source of nutrition, status and identity	
09:30–09:50	break						
09:50–11:05	Z21-06 Remote sensing in the documentation, monitoring and research of archaeological landscapes 1/2	C09-02 Heritage Tourism: A boon or threat for Management & Sustainability of Heritage sites	H19-04 Fields, peoples and power: approaches to agrarian archaeologies of the preindustrial world 1/2	D11-01 Recent Issues and Future Possibilities of Public Archaeology and Anthropology on Indigenous People in East Asia 1/2	A01-07 From within: current approaches to the study of human/other-than-humans in (rock) art studies 1/2	F15-20 Social archaeology 1/2	C07-06 Recipes for community-engaged art and archaeology (only a virtual session)
11:05–11:25	break						
11:25–12:55	Z21-06 Remote sensing in the documentation, monitoring and research of archaeological landscapes 2/2	F15-21 Artefactual Archaeology 1/2	H19-04 Fields, peoples and power: approaches to agrarian archaeologies of the preindustrial world 2/2	D11-01 Recent Issues and Future Possibilities of Public Archaeology and Anthropology on Indigenous People in East Asia 2/2	A01-07 From within: current approaches to the study of human/other-than-humans in (rock) art studies 2/2	F15-20 Social archaeology 2/2	E14-04 Cultural interactions across the Bay of Bengal and beyond (only a virtual session)
12:55–14:15	break						
14:15–15:45	WAC Plenary #1 1/2	F15-21 Artefactual Archaeology 2/2	C07-02 Straight talk: What does and what does not constitute community archaeology?	F16-06 Cave Ontologies: Why are caves significant to humans? 1/3	F15-12 Crafting identities through ceramic practice. Global histories on the origins of pottery technology among foragers 1/2	H19-10 The human – environment conundrum in palaeoanthropology through the integration of high-resolution multi-proxy techniques 1/2	
15:45–16:05	break						
16:05–17:05	WAC Plenary #1 2/2	C08-02 Changing heritage policy and practice in the Middle East in an age of neoliberalism 1/2	A02-05 Ethnoarchaeology: From Research Tool to Foundational Archaeological Epistemology 1/2	F16-06 Cave Ontologies: Why are caves significant to humans? 2/3	F15-12 Crafting identities through ceramic practice. Global histories on the origins of pottery technology among foragers 2/2	H19-10 The human – environment conundrum in palaeoanthropology through the integration of high-resolution multi-proxy techniques 2/2	
17:05–17:25	break						
17:25–18:40	Z21-15 The collapse of ancient societies	C08-02 Changing heritage policy and practice in the Middle East in an age of neoliberalism 2/2	A02-05 Ethnoarchaeology: From Research Tool to Foundational Archaeological Epistemology 2/2	F16-06 Cave Ontologies: Why are caves significant to humans? 3/3	F15-13 Vernacular & Indigenous Material Culture and Architecture – Tracing the Homogeneity and Diversity	F15-04 Children, Personhood and the Archaeology of Identity	B06-04 Decolonization of Classics and Classical Archaeology (only a virtual session)

Tuesday 5 July 2022

	Room A1 NEUSTUPNÝ	Room B1 BINFORD	Room B2 UCKO	Room C2 CHILDE	Room C1 KERN	Foyer West GIMBUTAS	Lounge MONTELIUS
08:00–09:30	D11-03 Global perspectives on decolonising rock art knowledge	B06-01 Thirty years on: has the Vermilion Accord steered change?	H19-11 Archaeology of Environment and Human Culture 1/3	F15-19 Archaeology of Material Culture, Art, Landscape and Settlement 1/3	A03-06 Archaeologies of Contemporary (Political) Global Settings / Arqueologías de contextos políticos contemporáneos globales / Arqueologias de Cenários Globais Contemporâneos (Políticos) 1/2	E13-03 Where to from here? Decolonising historical archaeology in practice and theory	
09:30–09:50	break						
09:50–11:05	A04-01 Lightning Strike Wakes Archaeologists and they Challenge Colonial-Indigenous Master Narratives!	C09-01 Community Archaeology and Management of heritage Sites and Museums	H19-11 Archaeology of Environment and Human Culture 2/3	F15-19 Archaeology of Material Culture, Art, Landscape and Settlement 2/3	A03-06 Archaeologies of Contemporary (Political) Global Settings / Arqueologías de contextos políticos contemporáneos globales / Arqueologias de Cenários Globais Contemporâneos (Políticos) 2/2	B05-03 Indigenous Peoples and New Techniques for Provenance Research: Opportunities, Challenges and Risks	
11:05–11:25	break						
11:25–12:55	F16-03 Community archaeology: Decolonizing archaeological practices to empower descendant communities 1/2	Z21-16 South Asia and the World: Tackling the big archaeological questions through South Asian evidences	H19-11 Archaeology of Environment and Human Culture 3/3	F15-19 Archaeology of Material Culture, Art, Landscape and Settlement 3/3	C07-12 Politics and Ethics of the Heritage Archaeology 1/2		
12:55–14:15	break						
14:15–15:45	F16-03 Community archaeology: Decolonizing archaeological practices to empower descendant communities 2/2	Z21-04 World archaeogeophysics: State of the art & case studies (COST Action SAGA-CA 17131) 1/3	F15-18 Megaliths & Earthworks: making the World together 1/2	F15-05 The Prehistory of Beer	C07-12 Politics and Ethics of the Heritage Archaeology 2/2	A03-01 Archaeology, resistance and engagement: the archaeology(ies) of contemporary past under dictatorship	
15:45–16:05	break						
16:05–17:05	WAC Plenary #2 1/2	Z21-04 World archaeogeophysics: State of the art & case studies (COST Action SAGA-CA 17131) 2/3	F15-18 Megaliths & Earthworks: making the World together 2/2	E14-03 Peninsular Maritime Trade and Interaction during Prehistoric and Historic Periods in East Asia 1/2	C08-05 Archaeogaming and decolonising narratives: retelling the stories of the marginalise	G18-04 Ethics in Bioarchaeology 1/2	
17:05–17:25	break						
17:25–18:55	WAC Plenary #2 2/2	Z21-04 World archaeogeophysics: State of the art & case studies (COST Action SAGA-CA 17131) 3/3	F15-14 Approaching the sounds of the past. Music, acoustics and identity	E14-03 Peninsular Maritime Trade and Interaction during Prehistoric and Historic Periods in East Asia 2/2	A04-02 The Archaeology of Coincidence?	G18-04 Ethics in Bioarchaeology 2/2	

Thursday 7 July 2022

	Room A1 NEUSTUPNÝ	Room B1 BINFORD	Room B2 UCKO	Room C2 CHILDE	Room C1 KERN	Foyer West GIMBUTAS	Lounge MONTELIUS
08:00–09:30	H19-06 Climate Change and Heritage 1/3	G17-02 Northeast Asia and the ancient DNA revolution in interdisciplinary perspective 1/2	A01-02 Multidimensional Materials: Rock Art, Relationality, and Change Through Time and Space 1/2	Z21-08 “Being human”: Integrated approach to the transformation of the material world, through cognitive experiences of body and mind	A01-06 Revisiting regionality to understand world rock art 1/3	H19-01 Migration, Trade and Settlement patterns within extreme landscapes and challenging climatic conditions	B05-06 WAC Archaeological Ethics Bowl 08:00–17:40
09:30–09:50	break						
09:50–11:05	H19-06 Climate Change and Heritage 2/3	G17-02 Northeast Asia and the ancient DNA revolution in interdisciplinary perspective 2/2	A01-02 Multidimensional Materials: Rock Art, Relationality, and Change Through Time and Space 2/2	F15-02 The Beaker Age. Exploring the Third Millennium BC spread of shared cultural identity in Eurasia 1/2	A01-06 Revisiting regionality to understand world rock art 2/3	A03-03 The Archaeology of Zoos – Reloaded	
11:05–11:25	break						
11:25–12:40	H19-06 Climate Change and Heritage 3/3	E14-02 Global Evidence of the Late Pleistocene Seafaring and Maritime Adaptation: When, Where, and How 1/2	F15-15 Excavating Identity in Palestine from Prehistory to the Present 1/2	F15-02 The Beaker Age. Exploring the Third Millennium BC spread of shared cultural identity in Eurasia 2/2	A01-06 Revisiting regionality to understand world rock art 3/3	A02-04 Ethnoarchaeology and Later European Prehistory – Venturing the Ridge between Hypothesis, Plausibility, and Evidence	
12:40–14:00	break						
14:00–15:00	C08-04 International Perspectives on Heritage and Public History Education	E14-02 Global Evidence of the Late Pleistocene Seafaring and Maritime Adaptation: When, Where, and How 2/2	F15-15 Excavating Identity in Palestine from Prehistory to the Present 2/2	F15-03 Archaeology in conflict zones: a zero-sum game?	D11-05 Indigenous and Community Archaeology	A02-03 Global Perspectives on the Archaeology and Ethnoarchaeology of Salt 1/2	E14-07 Maritime Archaeology in Latin America and Iberoamérica: New perspectives in the 21st century 1/3 (only a virtual session) Meeting room D
15:00–15:20	break						
15:20–16:20	WAC Plenary #3 1/2	D11-02 Indigenous archaeologies and histories from the South America 1/2	C08-08 Archaeology and the management of sensitive cultural heritage: trends and directions 1/2	A03-05 Contemporary Approaches to the Study of Cultural Erasure 1/2	C07-03 Heritage as An Action Word: Uses Beyond Communal Memory 1/2	A02-03 Global Perspectives on the Archaeology and Ethnoarchaeology of Salt 2/2	E14-07 Maritime Archaeology in Latin America and Iberoamérica: New perspectives in the 21st century 2/3 (only a virtual session) Meeting room D
16:20–16:40	break						
16:40–17:40	WAC Plenary #3 2/2	D11-02 Indigenous archaeologies and histories from the South America 2/2	C08-08 Archaeology and the management of sensitive cultural heritage: trends and directions 2/2	A03-05 Contemporary Approaches to the Study of Cultural Erasure 2/2	C07-03 Heritage as An Action Word: Uses Beyond Communal Memory 2/2	E14-05 Stone Age Seas: Mapping Voyages and Maritime Diffusions	E14-07 Maritime Archaeology in Latin America and Iberoamérica: New perspectives in the 21st century 3/3 (only a virtual session) Meeting room D
17:40–17:45	break						
17:45–21:00	Congress party						

Friday 8 July 2022

	Room A1 NEUSTUPNÝ	Room B1 BINFORD	Room B2 UCKO	Room C2 CHILDE	Room C1 KERN	Foyer West GIMBUTAS	Lounge MONTELIUS
08:00–09:00	C07-11 Changing contemporary understanding and use of the past 1/2	Z21-18 Memory (and forgetting) in archaeology 1/2	F15-08 Prehistoric kinship beyond 'family': concepts, scales, inference, and significance 1/2	G18-06 What we can gain from analysis of masticatory system	E14-01 Aquatic Neolithic Formations in Global Perspective 1/2	C07-07 Values, Heritage, and the 'Package'	
09:00–09:20	break						
09:20–10:50	C07-11 Changing contemporary understanding and use of the past 2/2	Z21-18 Memory (and forgetting) in archaeology 2/2	F15-08 Prehistoric kinship beyond 'family': concepts, scales, inference, and significance 2/2	E13-06 Historical Archaeology in South America	E14-01 Aquatic Neolithic Formations in Global Perspective 2/2	Z21-19 Challenges and new approaches for protection of cultural heritage around the world	C08-09 Exploring histories of collecting human remains: local and international contexts, networks and repatriation processes (only a virtual session)
10:50–11:10	break						
11:10–12:40	A02-02 Breaking Bread and Raising a Glass: Bridging Ethnoarchaeological and Archaeological Research on Food and Culinary Habits 1/3	F15-01 Social and symbolic significance of Neolithic houses 1/2	F16-02 World Approaches to Landscape 1/3	Z21-12 Mobility, migrations and diasporas from the perspective of world archeologies 1/2	D12-07 Looking Back, Looking Forward: 40 years of repatriation 1/2	Z21-07 Developers and Archaeology: Global Perspectives	C07-01 African Archaeologists, African Heritage Managers (only a virtual session)
12:40–14:00	break						
14:00–15:00	A02-02 Breaking Bread and Raising a Glass: Bridging Ethnoarchaeological and Archaeological Research on Food and Culinary Habits 2/3	F15-01 Social and symbolic significance of Neolithic houses 2/2	F16-02 World Approaches to Landscape 2/3	Z21-12 Mobility, migrations and diasporas from the perspective of world archeologies 2/2	D12-07 Looking Back, Looking Forward: 40 years of repatriation 2/2	C07-04 How Should We Carry Out a Public Archaeology Project? Towards a Methodology for Public Archaeology in the context of Development 1/2	
15:00–15:20	break						
15:20–16:35	A02-02 Breaking Bread and Raising a Glass: Bridging Ethnoarchaeological and Archaeological Research on Food and Culinary Habits 3/3	C07-10 For people, places and the past: Transnational perspectives on the impact on volunteers of archaeological participation within the places where they live 1/2	F16-02 World Approaches to Landscape 3/3	D12-09 Engaging indigenous communities in Africa with archaeological research 1/2	A01-01 The artists behind the art: Rock art created by known artists 1/2	C07-04 How Should We Carry Out a Public Archaeology Project? Towards a Methodology for Public Archaeology in the context of Development 2/2	C09-03 Archaeology as an Engine for Sustainability in the Countries of the Maya World (only a virtual session)
16:35–16:55	break						
16:55–17:55	WAC Plenary #4 1/2	C07-10 For people, places and the past: Transnational perspectives on the impact on volunteers of archaeological participation within the places where they live 2/2		D12-09 Engaging indigenous communities in Africa with archaeological research 2/2	A01-01 The artists behind the art: Rock art created by known artists 2/2		
17:55–18:55	WAC Plenary #4 2/2						
18:55–19:25	Official closing						

Session Z21-19: Challenges and new approaches for protection of cultural heritage around the world

Organised by **Marika Tisucká** (National Museum of Prague, Czech Republic), **Isber Sabine** (Researcher and Cultural Heritage Manager | Institució Milà i Fontanals CSIC and Heritage for Peace, Spain), **Emma Cunliffe** (The Blue Shield / Newcastle University, United Kingdom)

Current conflicts in Syria, Iraq and other countries result in the ongoing destruction of cultural heritage, however other peacetime threats around the world make them as much – if not more – vulnerable. Archaeological heritage, religious and other built heritage, archives and even intangible heritage are under increasing threat from sustained population explosion, agricultural development, urban expansion, warfare and looting. These have made the protection of heritage a more urgent and important concern in than ever before.

Within this session, we invite presentations about challenges and new approaches for protection of cultural heritage around the world, but also on more general and more controversial topics. We want to discuss improving the protection of culture heritage around the world. The session will examine national and international efforts in the protection of cultural heritage at different levels, and the role of national and international heritage organizations in the protection of cultural heritage by presenting different cases from different countries. Finally, presentation that discuss illicit trafficking, legal measures, new technologies for heritage reconstruction, and societal reparations in the post-conflict period are also welcome.

Keywords: heritage destruction, threats, conflicts, protection

THE 1954 HAGUE CONVENTION: FROM LAW TO PRACTICE (ID 532)

Emma Cunliffe (Newcastle University / Blue Shield International, Newcastle Upon Tyne, United Kingdom)

This paper examines the 1954 Hague Convention in light of recent training exercises carried out by The Blue Shield with various armed forces and heritage professionals. It questions the prevailing narrative that the Convention is not fit for purpose, and argues that its key issues lie in lack of implementation, in particular highlighting the lack of safeguarding measures implemented by state heritage agencies. Building on this, it will showcase suggestions for better implementation of this vital legislation.

Keywords: cultural property protection, Hague Convention, heritage protection, conflict, law

CONSERVATION MORTARS FOR THE DANUBE LIMES IN SERBIA: SAFEGUARDING THE VALUES OF CULTURAL HERITAGE (ID 1200)

Mladen Jovičić (Institute of Archaeology, Belgrade, Serbia), **Emilija Nikolić** (Institute of Archaeology, Belgrade, Serbia), **Ljiljana Miličić** (Institute for Testing of Materials, Belgrade, Serbia), **Ivana Delić-Nikolić** (Institute for Testing of Materials, Belgrade, Serbia), **Snežana Vučetić** (Faculty of Technology, Novi Sad, Serbia)

Roman sites located within the former military border – Danube Limes, have been explored for over 150 years in Serbia. A large number of fortifications, settlements, and necropolises, belonging to the period from the 1st to the 6th century have been discovered. Serbian institutions have recently initiated the process of their inscription to the UNESCO WH List, joining the transnational property *Frontiers of the Roman Empire*. Unfortunately, some of them are endangered and exposed to the decay of time, being in isolated areas, flooded, or simply unmaintained. The *MoDeCo2000* project, funded by the Science Fund of the Republic of Serbia, was created with an attempt to make a contribution to their future protection with an innovative methodological approach, comprising the scientific research of construction materials and technologies used and suggestions for the creation of repairing mortars according to the international conservation guidelines and standards. Mortars, bricks, and stones originating from 23 sites were sampled during the project fieldwork and later researched using contemporary laboratory techniques. Based on the research results, the recipes for conservation mortars have been developed. The project's main intention is to promote the essential need of thorough multidisciplinary scientific research for the cause of cultural heritage conservation, connecting archaeology, architectural history, engineering, archaeometry, and conservation science. While creating the database of historical constructions, the project simultaneously delivers recommendations for the future physical protection of the Roman buildings along the Danube in today Serbia and thus contributes to the safeguarding of the Limes multiple values.

Keywords: Danube Limes in Serbia, Roman mortars, conservation of cultural heritage, multidisciplinary scientific research, heritage values

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