

SPECIAL ISSUE

Interdisciplinary Essays on Cultural Heritage with New Technologies

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EDITORIAL

The 2nd Sino-Hellenic International Conference (SHIC) Series (17-19 Sept 2021, Delphi Greece, due to covid-19 converted to digital conference) on *Global Issues of Environment & Culture* focused on the broad interaction of environment & ancient cultures. It encompasses a broad field concerning the interaction of human development over millennia with the environment. Cultural heritage of material culture and intangible heritage has been seen as the memory of the past societies. Human progress is a multifactorial phenomenon, based on the curiosity, observation, exploration, reproduction, constructions. From the immediate environment to adjacent regions reached through travel, up to the skyscape, human interest has obtained all substantial elements to develop. Moreover, natural sciences applied to material culture and reveal, and document buried antiquities, past destructions and past daily life material culture.

Along this rationale the conference touch on these issues and presentations were divided into appropriate content published in peer reviewed journals. Here in the SCIENTIFIC CULTURE eleven (11) selected presentations are selected after peer review. In summary:

Two (2) papers (4, 9) concerning the impact of environment on cultural changes. an archaeotopographic enquiry on two rural-scapes of Phoinix and Syrna in the marginal environment of Bozburun (ancient Greek Marmaris) peninsula (SW Turkey) based on field data and geoprocessing, and an archaeoastronomical work, on the skyscape impact to the world cultural astronomy.

Two (2) papers (3, 10) dealing with the Sino Hellenic exchanges and architecture, a Sino- Hellenistic exchanges in tomb architecture and the other with archaeological urban environment adopting space syntax as a quantitative approach.

One (1) paper (7) dealing with the archaeometallurgy. Technical advancements in the ancient iron production from slag studies; a case study on smithing activities on the Molyvoti peninsula Thrace (Greece).

Six (6) papers (1, 2, 5, 6, 8, 11) focus on the cultural heritage, protection and conservation. The role of international NGOs regarding the protection of heritage and the Silk Roads network; the value of knowledge of the past societies through a theoretical background of cultural heritage; the monitoring the environmental conditions in some selected Egyptian museums and their role in deterioration of museum textiles; the historical and cultural overview of western India's caves in Deccan uplands regarding proliferation of the Buddhist caves in the early centuries of Christian era; and digital approach of Mystras the Despotate of the Morea in the 14th and 15th used as an approach towards understanding the use of an archaeological space.

In all papers-chapters dominates the interdisciplinary nature of archaeology and cultural heritage materials on a spatial landscape/skyscape and temporal evolving parameters.

The 2nd Sino-Hellenic International Conference (SHIC) Series is one activity of the Sino-Hellenic Academic Project (www.huaxiahellas.com). The conference was under the aegis of The Ministry of Culture & Sports (Greece), The Ministry of Tourism (Greece), The Chinese Embassy in Athens (Greece), The Region of Central Greece, The Municipality of Delphi.

Major sponsor was Aegeas (cultural and public benefit assoc.); other sponsors included: Art & Solutions, journals Sustainability, Heritage both of MDPI, and supported by Quaternary (MDPI). The conference was organized by the Henan University and the University of the Aegean (Greece).