



SNELA

Society for Near Eastern Landscape Archaeology

2-4 March 2022 Meeting
ISTANBUL

ARCHAEOLOGY AND ANTHROPOLOGY OF RESOURCE USE IN THE NEAR EAST

2 March 2022, Wednesday: Opening ceremony and Keynote speech

Venue: Zoom / GMT+3 hours

14:00-14:30	Mahmut AK President of Istanbul University Opening speech & welcome
14:30-15:00	Hayati DEVELİ Dean of the Faculty of Letters, Istanbul University Opening speech & welcome
15:00-16:00	Welcoming from the organizers Gonca Dardeniz Arıkan, Istanbul University Timothy Harrison, University of Toronto Bülent Arıkan, Istanbul Technical University Linda Olswig-Whittaker, École biblique et archéologique française de Jérusalem Bayram Balcı & Anaïs Lamesa, IFEA
16:00-17:00	J. G. DERCKSEN Keynote speaker The impact of trade on the use of resources in the Middle Bronze Age
17:00-18:00	K. KRISTIANSSEN Keynote speaker TBA



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The CRANE Project
Computational Research on the Ancient Near East



3 March 2022, Thursday

Venue: Zoom / GMT+3 hours

Land and resource use—Archaeological and geoarchaeological perspectives


CHAIR	B. Arıkan
10:30-10:50	J. Schönicke, M. Kinzel, R. Braun The sustainable Neolithic – building, continuity, and people-ruin interactions at Göbekli Tepe
10:50-11:10	D. Daems Modelling subsistence and artisanal production as proxies for socio-economic complexity in southwest Anatolia
11:10-11:30	A. Marciniak The shifting occupation, the offsite zone exploitation and the 8.2-kyBP climate event. The Neolithic Çatalhöyük in its final phase
11:30-11:50	
11:50-12:10	G. Günther, D. Knitter, T. Clemen, R. Duttmann Land use dynamics and landscape affordances—exploring socio-ecological interactions using open source modeling tools
12:10-12:30	B. Arıkan The agent-based modelling of land-use in the Middle Holocene
12:30-13:30	LUNCH BREAK
CHAIR	L. Olsvig-Whittaker
13:30-13:50	A. Orendi, I. Shai Agricultural resources of Iron Age Judah: The archaeobotanical material from Tel Burna, Israel
13:50-14:10	D. P. Mielke Use and consumption of wood in Hittite monumental architecture
14:10-14:30	G. Dardeniz A model of salt production and consumption in Anatolia (ca. 3000-1730 BC)
14:30-14:50	
14:50-15:10	N. Erdem Complexity and food production systems in central Anatolia
15:10-15:30	G. Bektaş Agricultural production on the Nif Mountain (İzmir)
15:30-15:50	O. H. Kaycı*, F. Tülek In the light of new evidence long-distance obsidian trade and possible central place distribution at the upper plain Cilicia

4 March 2022, Friday

Venue: Zoom

Land and resource use—Textual and archaeological perspectives

CHAIR	H. Peker
10:30-10:50	V. C. Girardi The importance of boat transport for Ur III economy
10:50-11:10	C. Coppini Resiliency in rural areas <i>versus</i> crisis of political entities in early-second millennium BC northern Mesopotamia
11:10-11:30	R. Matthews, A. Richardson Counting ,sealing, writing in Iran, 10,000-300 BC: The bureaucracy of power and resources
11:30-11:50	
11:50-12:10	Z. Lorzadeh, H. Laleh, M. Emami Islamic glass from the urban historic landscape of Nishapur: New archaeological investigations and compositional observations
12:10-12:30	M. Emami, R. Chapoulie Cathodoluminescence for cultural heritage application: Case study, ceramic & glass
12:30-13:30	LUNCH BREAK
CHAIR	G. Dardeniz
13:30-13:50	A. S. Rodler, A. J. Baragona Red walls of Ephesos: local or distant cinnabar sources?
13:50-14:10	X. Yang, F. Becker, M. Nykamp, M. Doğan, D. Knitter, B. Schütt Middle to Late Holocene geomorphodynamics of a long-term settled valley in Pergamon micro-region (West Turkey)
14:10-14:30	P. Leiverkus, L. Olsvig-Whittaker From Nahal Tabor to the Sea – an archaeological transect across Israel

14:30-14:50	M. Kolbügen The impact of paleoclimatic changes on the archaeological settlement patterns in the Gediz Graben (Western Turkey)
14:50-16:00	
16:00-16:20	A. Killebrew A Phoenician Iron smithy at Persian-Period Tel Akko, Israel
16:20-16:40	Harrison, T.P., Welton, L. The CRANE Project: Large-Scale data analysis and the reconstruction of human-environment interaction in the ancient Near East
16:40-17:00	K. Badreshany, G. Philip Fuelling the early state: Understanding energy use, resource management, and environmental impacts in the development of early urban societies
17:00-17:20	R. Kabatlar Computational research on animal bones project (CRAB) and its contribution to zooarchaeology of the ancient Near East
17:20-	ROUND TABLE & DISCUSSION