



International Conference

# Resources and Transformation in Pre-modern Societies

19–21 November 2020

11 December 2020

15 January 2021

Bochum

## Programme

The conference schedule is in CET

**Thursday 19 November 2020**

**Venue: Online**

17.45-18.00 Welcome

18.00-19.30 Roland Hardenberg (University of Frankfurt & Frobenius Institut Frankfurt)  
Evening Lecture: *Different perspectives on resources: some methodological and theoretical considerations*

Friday 20 November 2020

Venue: Online

### Life worlds in resource landscapes

- 9.00-9.05 Thomas Stöllner<sup>1,2</sup>, Yiu-Kang Hsu<sup>1</sup>, Peter Thomas<sup>1</sup> (<sup>1</sup>German Mining Museum Bochum; <sup>2</sup>Ruhr University of Bochum)  
Introduction: *Life Worlds in Resource Landscapes*
- 9.05-9.30 Timothy LeCain (Montana State University)  
Keynote: *Resources as Life Worlds: How Do Material Resources Shape Lives and Minds?*
- 9.30-09.45 Mark Pearce (University of Nottingham)  
*Caves and Rock Shelters, Burials and Smelting*
- 09.45-09.55 Coffee Break @your kitchen (the virtual room will remain open for questions and answers)
- 09.55-10.10 Raphael A. Eser (Humboldt University of Berlin)  
*Life and Work in the Ancient Iron Smelting Landscape of Elba Island*
- 10.10-10.25 Tina Asmussen (Ruhr University of Bochum)  
*Resource Landscapes of Sixteenth and Early Seventeenth-Century Mining*
- 10.25-10.40 Lena Asrih (German Mining Museum Bochum)  
*Knowing Stones. Handling Deposits 1000 to 1500 – Reflections on a History of Knowledge of Mineable Georesources*
- 10.40-11.20 Coffee Break @your kitchen & Round table

**Saturday 21 November 2020**

**Venue: Online**

**Skill, Embodiment and the Growth of Knowledge**

- 9.00-9.05 Constance von Rüden<sup>1</sup> & Maja Gori<sup>1,2</sup> (<sup>1</sup>Ruhr-University of Bochum; <sup>2</sup>National Research Council of Italy)  
Introduction: *Skill, Embodiment and the Growth of Knowledge*
- 9.05-9.30 Trevor Marchand (SOAS University of London)  
Keynote: *Boat-building, Experimental Archaeology and the Indispensability of Hands-on Know-how*
- 9.30-09.55 Maikel Kuijpers (University of Leiden))  
Keynote: *Materials and Skills in the History of Knowledge – a Bronze Age example*
- 09.55-10.05 Coffee Break @your kitchen (the virtual room will remain open for questions and answers)
- 10.05-10.20 Nadja Melko (Archaeolytics, St. Gallen)  
*Knowledge, Skill and Senses*
- 10.20-10.35 Sarah Finlayson<sup>1</sup> & Julia Wild<sup>2</sup> (<sup>1</sup>University of Heidelberg; <sup>2</sup>Trier University of Applied Sciences)  
*Knowledge is a Scarce Resource: a Comparative Exploration of Communities of Practice and the Transmission of Knowledge Amongst Small-scale Stone and Gem Workers in the Bronze Age Aegean and Idar-Oberstein, Germany, from Early Modern Times until the Present Day*
- 10.35-10.50 Nikolas Papadimitriou<sup>1</sup> & Akis Goumas<sup>2</sup> (<sup>1</sup>University of Heidelberg; <sup>2</sup>Harvard Center for Hellenic Studies)  
*Innovation and the Relational Aspects of Skill*
- 10.50-11.05 Tryfon Giagkoulis (Aristotle University of Thessaloniki)  
*The Wooden Structures of The Neolithic Wetland Habitation Anarghiri Ixb (Western Macedonia, Greece): Ways to do, Ways to be*
- 11.05-11.45 Coffee Break @your kitchen & Round table

Friday 11 December 2020

Venue: Online

### General session

- 9.00-9.05 Thomas Stöllner<sup>1,2</sup>, Constance von Rüden<sup>2</sup>,  
(<sup>1</sup>German Mining Museum Bochum; <sup>2</sup>Ruhr University of Bochum)  
Introduction: *General & Poster Session*
- 9.05-9.20 Leandra Reitmaier-Naef<sup>1</sup>, Thomas Reitmaier<sup>2</sup> and Martin P. Schindler<sup>3</sup>  
(<sup>1</sup>Deutsches Bergbau-Museum Bochum, <sup>2</sup>Archaeological Service of the  
Canton of Grisons, <sup>3</sup>Archaeological Service of the Canton of St.Gallen)  
*Dynamic Resourcescapes. Bronze Age metal exploitation, production and distribution in  
the Central Alps*
- 09.20-09.35 David Brönnimann<sup>1,2</sup>, Johannes Wimmer<sup>3</sup>, Milena Müller-  
Kissing<sup>4</sup>, Barbara Stopp<sup>1</sup> & Hannele Rissanen<sup>2</sup> (<sup>1</sup>University of Basilea;  
<sup>2</sup>Archäologische Bodenforschung des Kantons Basel-Stadt; <sup>3</sup>University of  
Bern; <sup>4</sup>Ruhr-University of Bochum)  
*Urban Mining? - A New Look at Taphonomic Processes as Key to the Reconstruction of  
Waste and Resource Management in Later La Tène Society*
- 09.35-09.55 Coffee Break @your kitchen & Discussion

### Poster Session

- 09.55-10.05 Abdelmoniem M. Abdelmoniem Gomaa (Fayoum University)  
*Black Resin in Funerary Equipment in New Kingdom and Deterioration Phenomena*
- 10.05-10.15 Raffaella Da Vela (University of Tübingen)  
*Thinking Transhumance and Agriculture in Irpinia as Dynamic Networks of Resources  
(5th Century BCE–1st Century CE)*
- 10.15-10.25 Rouven Turck & Carlo Nüssli (University of Zürich)  
*Copper Technology from the East? Knowledge Transfer to the Central Alps (Grisons,  
Switzerland)*
- 10.25-10.35 Todor Valchev (Regional Historical Museum – Yambol)  
*Spondylus Ornaments from Prehistoric Settlement Mound near Drama Village, Bulgaria*
- 10.35-11.00 Coffee Break @your kitchen, Discussion & Poster Award

**Friday 15 January 2021**

**Venue: Online**

### **Resources and Complex Systems**

- 9.00-9.05 Michael Roos<sup>1</sup>, Frank Hillebrandt<sup>2</sup> & Frederik Schaff<sup>1</sup> (<sup>1</sup>Ruhr University of Bochum; <sup>2</sup>Fern University of Hagen)  
Introduction: *Resources and Complex Systems*
- 9.05-9.30 Iza Romanowska (Aarhus University)  
Keynote: *Agent-based modelling as a paradigm shift in archaeological research*
- 9.30-09.55 Angelos Chliaoutakis (Technical University of Crete)  
Keynote: *Methodological Approaches towards Simulation and Modeling Social Organization of Past Societies*
- 09.55-10.05 Coffee Break @your kitchen (the virtual room will remain open for questions and answers)
- 10.05-10.20 Dries Daems & Stef Boogers (University of Leuven)  
*Simulating Resource Exploitation Strategies in Iron Age to Hellenistic Communities in Southwest Anatolia*
- 10.20-10.35 Martin Neumann (University of Mainz)  
*A Replication of a Resource-Based Model of the Emergence of the State*
- 10.35-10.50 Gerrit Günther<sup>1</sup>, Daniel Knitter<sup>1</sup> & Thomas Clemen<sup>2</sup> (<sup>1</sup>University of Kiel; <sup>2</sup>Hamburg University of Applied Sciences)  
*The Role of Agropastoralism in Ancient Pergamon – An Agent-based Modelling Approach*
- 10.50-11.10 Coffee Break @your kitchen (the virtual room will remain open for questions and answers) and Discussion
- 11.10-12.00 **Final Plenary Discussion**