

Social Metabolism and Historical Human-Environment Interaction: The Pergamon Micro-Region and Beyond

2nd Milestone Workshop
of the TransPergMicro project



10. – 11. January 2025 in Istanbul

AIMS AND DIRECTION

The 2nd milestone workshop of the interdisciplinary research project “The Transformation of the Pergamon Micro-Region between Hellenism and the Roman Imperial Period” (<https://www.dainst.blog/transpergmikro/>) will focus on the topic of social metabolism. Phenomena of social metabolism and its perception will be discussed for different areas such as nutrition, production, waste disposal, etc. The combination of speakers from the fields of archaeology, building archaeology, classical philology, history, palaeoanthropology and physical, social and economic geography is designed to ensure that the topic can be discussed on a broad theoretical and interdisciplinary basis. On the one hand, the results are to be incorporated into the further work of TransPergMikro in a formative way, on the other hand they are to initiate new collaborations and, above all, stimulate an even broader historical application of the concept of “social metabolism”. A roundtable discussion at the end provides the chance of a first critical reflection on the results of the workshop and on the second phase of TransPergMikro as presented in various papers, and will discuss some potential future directions.

It is intended to publish the results in the same format as the 1st TransPergMikro Milestone Workshop: <https://publications.dainst.org/books/dai/catalog/book/2106>

DATE

10.-11. January 2025

PLACE

Orient-Institut Istanbul
Galip Dede Cad. No. 65
Şahkulu Mah., Beyoğlu
34421 Istanbul

PROJECT



Transformation
of the
PERGAMON
Micro-Region

PARTICIPATION

If you would like to attend the event in person, please register in advance:

<https://terminplaner6.dfn.de/b/854e08b75e14549880eb649a74133df0-1008860>

The conference can be followed online. Please register in advance:

<https://dainst-org.zoom.us/meeting/register/tJEtdOuvqjMrE9IE4M9LyticIQTTcC6sykFJx>

After registering, you will receive a confirmation email with information on how to join the meeting.

INSTITUTIONS



GERMAN
ARCHAEOLOGICAL INSTITUTE
ISTANBUL



Deutsche
Forschungsgemeinschaft
German Research Foundation

Friday, 10 January 2025

FELIX PIRSON – BRIGITTA SCHÜTT – THEKLA SCHULZ-BRIZE

9:30* Welcome and introduction to the TransPergMikro project and the workshop

1st Session “Social metabolism: Dimension and perspectives”

Chair: Brigitta Schütt

MANUEL GONZÁLEZ DE MOLINA

10:00 The dynamics of historical agroecosystems: The drivers of intensification under organic metabolic regimes

COFFEE BREAK

10:30

EBERHARD ROTHFUß

11:00 Neither city nor countryside - The rural-urban interface as an ‘intrinsic socio-spatial context’

IRIS NIEßEN – GERRIT SCHENK – RÜDIGER GLASER

11:30 ‘Fluvio-social metabolism’ as a bridging concept of medium range. On the interdisciplinary investigation of social relations to nature

DISCUSSION

12:00

LUNCH BREAK

12:30

2nd Session “Social metabolism in the ancient Mediterranean: Practice and perception”

Chair: Felix Pirson

PAUL PASIEKA

14:00 Roman agriculture in Italy: A socio-ecological perspective on micro-regions, specialization, and integration

JEROEN POBLOME

14:30 Cities and socio-ecological systems in the Roman world

DOMINIK MASCHKEK

15:00 The ecological footprint of Roman building projects: A valid indicator of social metabolism and human-environment interaction?

*Times are given in local time.

COFFEE BREAK

15:30

CHIARA THUMIGER

16:00

Roads, rivers, fields: Ecological images of the body and its functions in Galen of Pergamon

SABINA FIOŁNA

16:30

Social network analysis of Roman provincial coinage – linking the micro-, and macro-perspectives on Anatolia

DISCUSSION

17:00

CONFERENCE DINNER

20:00

Saturday, 11 January 2025

**3rd Session “Social metabolism of the Pergamon Micro-Region”
Part 1**

Chair: Thekla Schulz-Brize

FABIAN BECKER – BRIGITTA SCHÜTT – ROBERT BUSCH – JORIS STARKE

9:00

Roots to ruins: Environment perspectives on the social metabolism of the Pergamon Micro-Region

WOLF-RÜDIGER TEEGEN

9:30

Humans and animals as agents of social metabolism – ancient Pergamon as an example

BERNHARD LUDWIG – FELIX PIRSON – ANNEKE KEWELOH-KALETTA – ZEKI METE AKSAN – GÜLER ATEŞ – PHILIP BES – BERGLIND HATJE – BERSLAN KORKUT

10:00

The rural landscape and its role in the social metabolism of the Pergamon Micro-Region: Challenges and perspectives of archaeological research

COFFEE BREAK

10:30

4th Session “Social metabolism of the Pergamon Micro-Region” Part 2

Chair: Victor Walser

11:00 **LÉA GEISLER – ULRICH MANIA – URSULA QUATEMBER – THEKLA SCHULZ-
BRIZE**

Planning, use and decline of urban spaces as elements of social metabolism in the Pergamon Micro-Region

11:30 **NICOLE NEUENFELD**

Rubbish heaps of history – The significance of waste and waste disposal in the Pergamene urban organism

12:00 **JULIAN LAABS – FABIAN BECKER – ROBERT BUSCH**

Exosomatic and endosomatic flows: Modelling Pergamon’s social metabolism, review and prospects

12:30 **DISCUSSION**

13:00 **LUNCH BREAK**

Roundtable discussion

“Social metabolism as a bridge between ancient studies and contemporary challenges?”

Moderation: Marianne Braig

14:30 **MANUEL GONZÁLEZ DE MOLINA – DOMINIK MASCHEK – JEROEN POBLOME –
EBERHARD ROTHFUß – GERRIT SCHENK – CHIARA THUMIGER – VICTOR
WALSER**

to be followed by a plenary discussion

16:30 **COFFEE BREAK**

Special session “Archaeoseismology”

17:00 **MAHMUT DRAHOR – ÖKMEN SÜMER**

Active tectonics of western Anatolia, seismicity of the region and the impact of earthquakes on archaeological sites in the context of archaeoseismology in western Türkiye