

Organised  
by:



Center of Excellence for  
ANTHROPOCENE HISTORY



MAX PLANCK INSTITUTE  
FOR THE HISTORY OF SCIENCE



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Max Planck Institute for the History of  
Science, Berlin

#### Presenters

Adam Wickberg  
Aisha Kadiri  
Fredrik Albritton Jonsson  
Giulia Rispoli  
Gabe Eckhouse  
Imani Jacqueline Brown  
Ismay Milford  
Maud Borie  
Silke Beck  
Thomas Turnbull

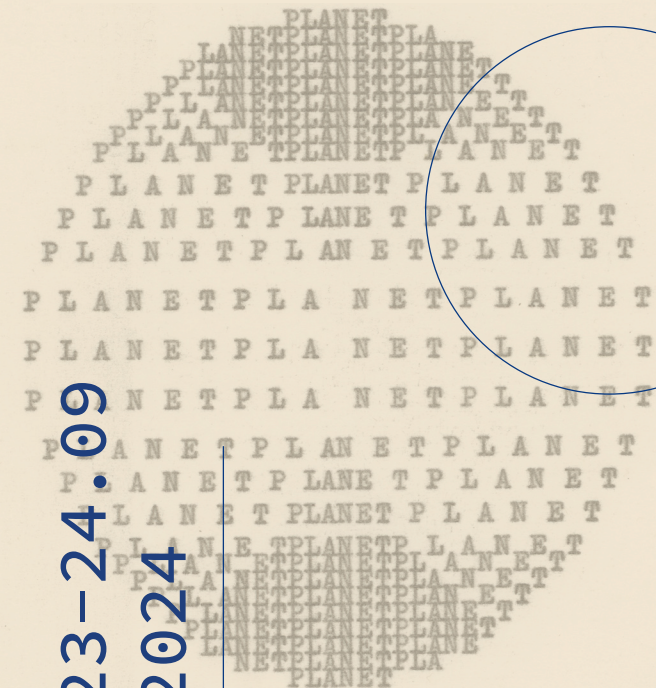
#### Discussants

Dipesh Chakrabarty  
Erik Isberg  
Erik Ljungberg  
Gustave Lester  
Henrik Ernstson  
Megan Eardley  
Oscar Hartman Davies  
Rob Gioielli  
Sabine Höhler  
Susanna Lidström  
Sverker Sörlin

Participants:

Towards a Political Ecology of  
of Earth System Science

## HISTORICAL EPISTEMOLOGIES OF PLANETARY MODELLING II



23-24.09  
2024

# HEPM II

## Towards a Political Ecology of Earth System Science

Historical Epistemologies of Planetary Modelling (HEPM) is an ongoing project between the Centre of Excellence for Anthropocene History at KTH, Stockholm and the Max Planck Institute for the History of Science Berlin, that works to advance recent critical histories of Earth System Science (ESS), the computational and model-derived analysis of the planet as a parametrized system of feedbacks. Moving beyond historical epistemology, HEPM II will begin to address the political ecology of ESS.

Political ecology focuses on the material and political conditions that mediate between society and the environment. In contrast to ecology, it concerns conflicts, power, and the uneven distribution of environmental costs and benefits. It draws out the politics of environmental problems and understands them as outcomes of specific social, historical and geographical contexts.

The workshop addresses ESS's relation to specific knowledge regimes, and forms of state institutional and corporate power. It will also explore the material and energetic demands of its technologies and their consequences.

Moreover, we will ask, in a constructive register, what would a more radical kind of planetary modelling look like? And, as part of this, we will ask, if and how underrepresented, marginalized, and critical perspectives can be integrated into ESS?

# Day 1

## Morning. From Epistemologies to Political Ecologies

Location all Day 1. Room D36, Lindstedtsvägen 9, floor 3, KTH Main Campus

**9.30-10.00** Arrival and coffee

**10.00-10.45** Thomas Turnbull & Adam Wickberg:  
Towards a Political Ecology of Earth System Science

**10.50-11.35** Fredrik Albritton Jonsson: The Historian's Anthropocene

**11.40-12.25** Imani Jacqueline Brown: Ecological Witnessing

**12.30-13.30** Lunch at Syster 0 Bror Restaurant

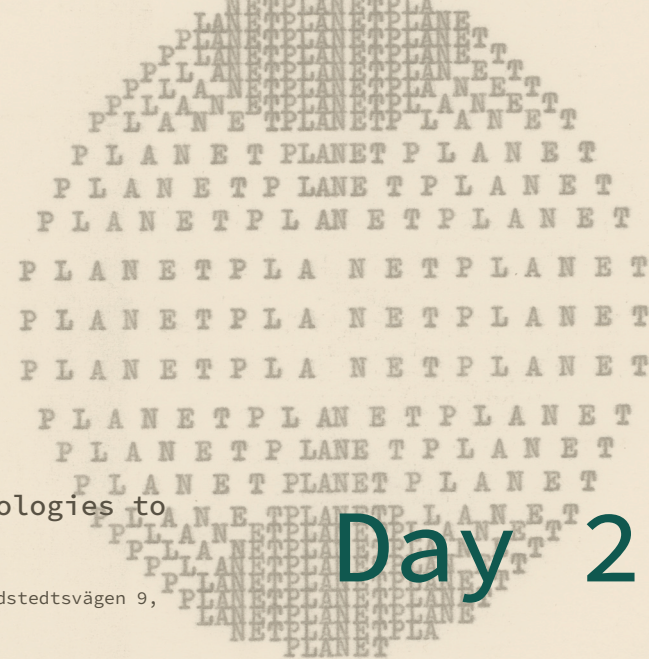
## Afternoon. Institutional Origins

**13.30-14.15** Maud Borie: How do Global Expert Organisations know Environmental Change? And Why Does it Matter?

**14.20-15.05** Giulia Rispoli: Modes of Modelling

**15.10-15.55** Gabe Eckhouse: The International Energy Agency and the Performance of Global Capitalist Energy Futures

**18.00** Dinner at Sturehof Restaurant, Stureplan 2



# Day 2

## Morning. Geographies, Absences, Authorities

Location. House of Wallquist, Villagatan 19 (near KTH)

**10.00-10.45** Ismay Milford: Remote Sensing and the Dream of Resource Sovereignty in Independent East Africa

**10.50-11.35** Aisha Kadiri: Counter-modelling the Plantationocene - On Scale, Friction, and Planetary Representation

**11.40-12.25** Silke Beck: Scientific 'Autocracy' in Times of Climate Crisis?

**12:30** Lunch and break

## Evening. Inauguration Event

**16:00-22:00** Participants are welcome to the Inauguration and Launch of the Center of Excellence for Anthropocene History (registration required), R1 Reactor Hall, Dröttning Kristinas väg 51