

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
Space Culture: New Processes of Public Engagement in Space through Culture and Art (9)

Author: Mr. MIHA TURŠIČ
The Netherlands

PLANETARY PUBLIC STACK

Abstract

In a world where 75 percent of the Earth's land surface experiences measurable human pressure, the way people imagine our planet substantially impacts the environment itself (Ellis et al., 2022). Waag Space Lab explored this issue within the European cultural project More-than-Planet, engaging space and environmental researchers as well as artists and civil initiatives, all through publicly organised workshops, conferences, and exhibitions.

The result is the Planetary Public Stack, which provides an insight into how existing planetary imaginaries of the Earth are shaped by a variety of comparative underlying concepts, knowledge cultures, and enviroing technologies, and an open methodology for the public—civil society and the arts—to explore and engage in the making of more concerned and caring planetary imaginaries. More concretely, the Planetary Public Stack provides a comparative understanding of knowledge cultures with capacities to impact the wellbeing of more-than-planet; tools for reclaiming environmental and planetary concept-making tools, skills, and practices; open enviroing media infrastructure for public planetary computation while addressing an issue of public use of the Earth's orbit; and reclaiming environmental matterings as the foundation of planetary governance.

At IAC, we aim to present an extensive Planetary Public Stack map with an overview of comparative planetary concepts, underlying knowledge cultures, and an infrastructure of open data technologies used by researchers and creatives; supported by cases developed between researchers and artists that contributed to the project or validated some of its learnings; as well as recognised needs and recommendations from previously engaged actors and stakeholders. The presentation would provide an opportunity for the audience to reflect on their research questions and innovation challenges from the perspective of societal, creative, and environmental impacts; while learning how to engage non-space actors in their activities. As such, the presentation targets researchers, innovators, cultural and creative people, as well as policy and decision makers interested in engaging societal actors in their activities. Beside the presentation, a Planetary Public Stack map can also be displayed at the conference, with project researchers available to discuss its aspects with the participants of the IAC.

The More-than-Planet project was endorsed in 2022 by ITACCUS and involves the results of longterm members of the committee.