ECOLOGÍAS HÍBRIDAS

Hybrid Ecologies

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Visualizing *the* terrestrial trace *of* artificial intelligence

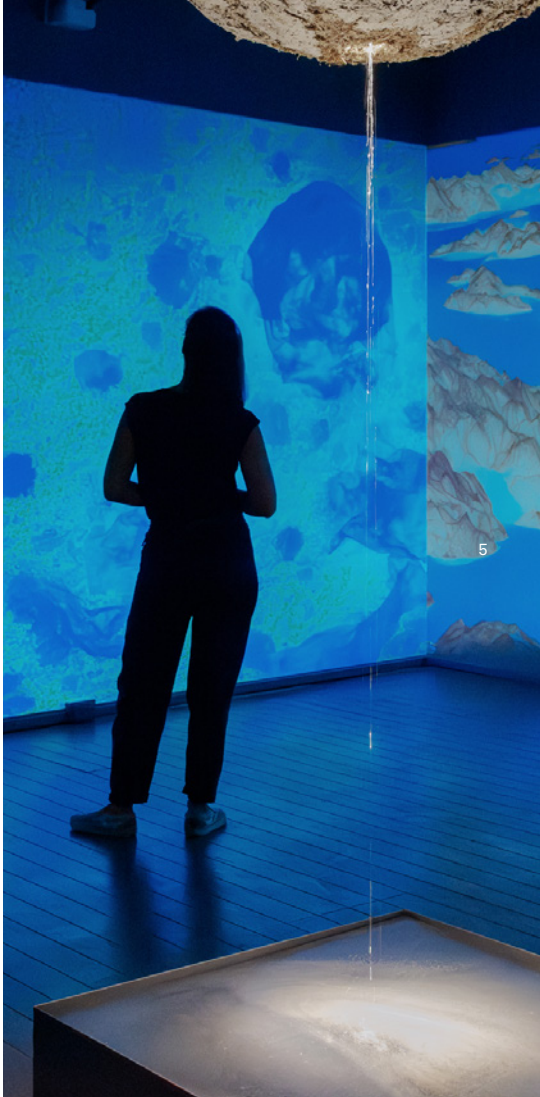
In the face of the ecological crisis and the accelerated technological innovation of the present, this exhibition raises questions about the possibility of establishing a sustainable relationship between Artificial Intelligence (AI) and our planet:

How can we project AI without neglecting the energy and biodiversity of the Earth? How can we make AI development compatible without exceeding the terrestrial limits that we are reaching?

AI-generated images by visitors at the Hybrid Ecology installation

These are the questions that are at the origin of the research-creation project Hybrid Ecologies, an installation that explores the relationship between the operational logics of AI and the environmental costs of this technological industry.

We understand Hybrid Ecologies as a space for creation and conversation to seek other ways to engage and understand Artificial Intelligence and its planetary impacts.

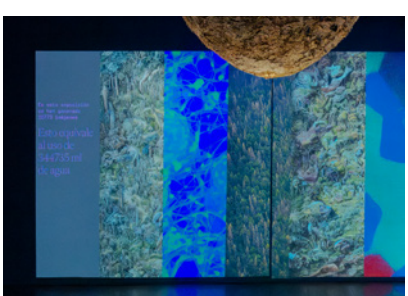


The work is an invitation to overcome the dichotomy between nature and technology, evidencing how AI inhabits and creates a hybrid ecology, constituted by interdependent relationships between human and non-human agencies. (Tsing, 2015)

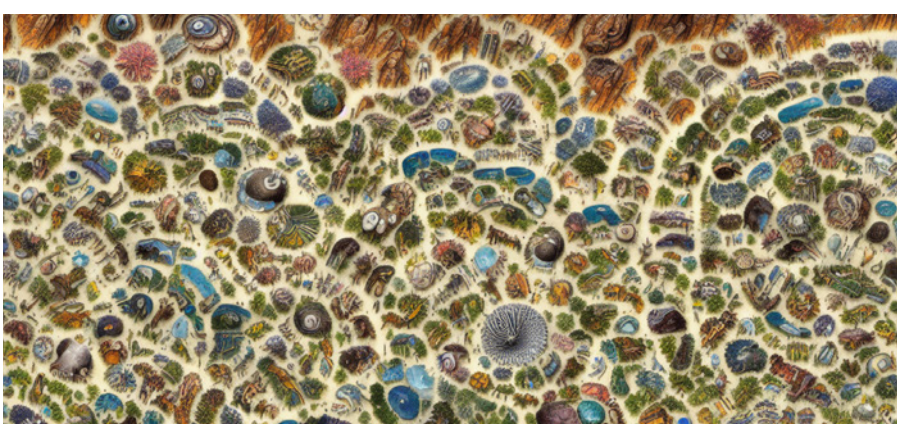
If AI is usually represented as an immaterial and deterritorialized entity, separated from any relationship with the tangible world, this exhibition refutes that narrative by re-materializing the processes of Artificial Intelligence and its connection with the Earth.

The exhibition is a call for attention to recognize the terrestrial ecologies that enable the development of AI. It is an interpellation to put aside the convenient, but naive belief that we live on a planet with infinite resources (water, lithium, copper, silicon, cobalt, among others) to explore new forms of cohabitation between AI and the Earth.

Through an interactive experience with AI models, this exhibition shows us the water footprint required for the generation of images with Artificial Intelligence, inviting us to reflect on its ecological impacts, its extractivist logic and the transitions necessary for sustainable habitability.



AI-generated images by visitors at the Hybrid Ecology installation



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Our invitation in this design installation is to bring the culture of IA to Earth, proposing experiential and conceptual language that allow visitors to recognize the decisive role played by earthbound materiality in the constitution of the life of any technological devices.

Credits

Hybrid Ecologies is the result of an interdisciplinary creation-research process, located at the crossroads of design, social sciences, engineering and art.

Analysis of water footprint

Jorge Gironás
Rodrigo Hernández

Assembly design and fabrication

Diego Gajardo
Lucas Margotta
Jorge Andrés Berríos
Sebastián Rodríguez

Interactive programming

Benjamín Benavides

Sound design

Pablo Garretón

Image generation programming

Eugenio Herrera
Martín Bravo
José Tomás Labbé

Graphic design

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Advisors

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For more information, please visit
ecologíashibridas.cl