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AI nthropogenic

@escuchamivozpostercontest
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2025 edition art by: Hugo García Sahagún

CALL FOR ENTRIES 2025

1.-All designers, graphic artists, or visual artists may participate, with NO restrictions on age, gender, or nationality. Each participant may submit up to 10 posters.

2.-Participants must register on the website www.escuchamivoz.org. Please review our privacy notice before registering. Registration will be open from **February 15 to July 30, 2025** (if the deadline is extended, it will be announced on this page). Once you have or create your account, you can start submitting posters through the system by logging in with your email and password.

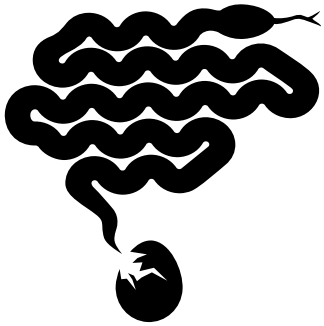
3.- If you have any questions, please contact us at: *posters@escuchamivoz.org*

4.- Posters must be submitted through the same website in the following size: **2953 x 4134 pixels at 150 dpi in RGB (50 x 70 cm at 150 dpi in RGB). They must be in VERTICAL FORMAT and not exceed 10MB per poster. Files must be saved in JPG format.** Posters that do not meet these requirements will be disqualified and will not proceed to the jury selection process.

5.- It is extremely important to carefully read the *BRIEF*, as well as the majority of the *RAMEWORK* and the informational links that explain and deepen the topic ***"AI- Antropogenic".*** This will provide you with the knowledge to better understand it and is highly valuable material for the conception and development of your ideas.

6.-*The call for entries will remain open from February 15 to June 30, 2025.*

WE ARE A NON-PROFIT ORGANIZATION. WE RECOMMEND ASKING ABOUT THE PURPOSE OF OTHER POSTER INITIATIVES BEFORE SHARING YOUR ART AND DONATING YOUR TIME.



7.- Escucha mi Voz does not offer cash prizes or material goods. The 50 best posters will be selected by an international jury and will be part of traveling exhibitions within the country and possibly in other countries. Our exhibitions have reached the USA, China, Iran, Ireland, and various cities in Mexico.

8.- You can host an exhibition in your country! If you are interested in organizing one, please contact us for more information at: posters@escuchamivoz.org

9.-The jury will deliberate online during August 2025. If your poster is selected, you will receive a FREE digital edition copy and a certificate as a selected designer sent electronically. The printed edition will be produced on demand, and each interested party will bear the cost. This reduces CO2 emissions as well as shipping costs. Once available, you will be informed by email and on our social media.

10.- If you participate but your poster is not selected, you will still receive a digital certificate, which we will gladly send to you via email.

11.-The submitted posters must be your original work. By submitting your poster(s), you confirm that the design was created by you and does not contain elements that infringe on the intellectual property of a third party. Posters do not need to be unpublished, but they must be your own work.

12.- You may use art created with AI tools as part of your proposal—we cannot ignore it, *can we?* However, this is a POSTER competition, not an illustration contest. That being said, we value human design much more. Trust your creativity.

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13.- By submitting your poster to this contest, you agree to grant the rights to CREATIVAVOZ A.C. for your poster(s) to be exhibited, promoted, disseminated, and/or published in any printed or electronic medium for the purposes of education, promotion, dissemination, and fundraising for all activities related to this contest.

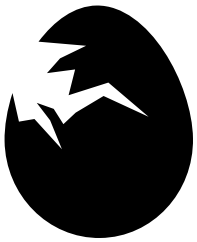
14.- Each author is responsible for their work and retains their authorship rights at all times. You will always be recognized and credited. We will notify you each time your work is exhibited, reproduced, or shared in any medium.

15.- Please do not post your poster(s) on social media until the jury has announced its verdict.

16. Posters may or may not be unpublished. (You may submit posters you have previously designed).

17.- The names of the selected designers will be announced in *SEPTEMBER 2025.*

18.- The exhibitions will tentatively begin in October 2025 and will be announced as the schedule of venues develops.



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BRIEF

The anthropogenic impact - the irreversible changes that our species imprints on the environment - is multiplying with the use of artificial intelligence. From the exploitation of natural resources to manufacture semiconductors, the massive energy consumption of data centers, the drought caused by the use of water to cool servers, to the accumulation of electronic waste in vulnerable regions, every step of technological progress leaves a footprint that we must make visible and manage.

AI is generating unprecedented demand for electricity and water, exacerbating socio-environmental inequalities.In addition, high-tech companies are moving their production and data storage centers to Latin America.

"High-tech companies are looking for chip factories and data center locations outside the U.S., particularly in Latin America," he said. "Latin American countries tend to have fewer environmental regulations than the U.S. and Europe and energy and water are cheaper"

Mongabay Sebastián Lehuedé, professor of ethics, AI and society in the Department of Digital Humanities at King's College London.

This project is an invitation to reflect deeply on the impact of our collective actions and how we can transform that reality.

Far from generating real solutions, the extractivism and hoarding of resources for the maintenance and development of artificial intelligence could be further emphasizing inequality in access to natural resources for the most vulnerable populations. This is one of the main complex problems that we have not been able to solve, and that remains unprioritized.

AI- Antropogenic seeks to reveal this hidden side of progress and open a space to question our technological choices and their socio-environmental impact.

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What are the environmental and social consequences of the accelerated growth of artificial intelligence?

Do we really need this level of advancement if it comes at such a high cost to the environment and society?

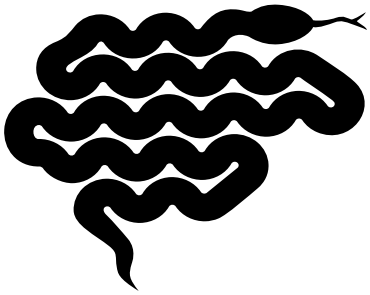
What are the arguments for developing data centers in Latin America?

Where are the regulatory frameworks that protect the population for access to water and energy in the face of the demands of the corporations that own artificial intelligence?

How is the enormous concentration of power of Silicon Valley corporations affecting populations and governments around the world?

Are we moving towards real solutions, or exacerbating existing complex problems?

Can we imagine a future where technology and nature work together rather than against each other?



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FRAMEWORK

“The use of Artificial Intelligence (AI) is growing astronomically worldwide, requiring an enormous amount of energy to manufacture semiconductors and causing a gigantic explosion in data center construction. So large and rapid is this expansion that Sam Altman, director of OpenAI, has warned that AI is driving humanity toward a “catastrophic energy crisis.”

(Salazar, M. A.)”

Artificial intelligence has burst into our lives in a definitive and apparently irreversible way since the fall of 2022. Coined as the great technological breakthrough for the future, it has been positioned in the narratives of its creators as the great solver of the complex problems we face today in almost all areas of life on the planet. However, along with it comes a wave of challenges and questions that we cannot ignore.

There is a delicate balance between technological progress and socio-environmental sustainability. Artificial intelligence (AI) and emerging technologies have changed the way we live, work and connect. These tools promise to solve humanity's grand challenges, but they lack consciousness, emotions and self-awareness. Despite their high technological efficiency and ability to analyze large volumes of data, the price of their unbridled use is also high

Technological progress is not as innocent as it seems. Every click, every algorithm and every AI model consumes natural resources on a colossal scale. Data centers and chip manufacturing, essential to power these technologies, are draining water, energy and minerals, leaving behind an indelible socio-environmental impact.

The numbers are shocking: a single advanced AI model can consume as much energy as a small city for weeks, the energy consumption to train and use these technologies has risen from the equivalent of 1,000,000,000,000 kWh, it is estimated that from 2023 to 2030 AI is expected to grow 37% according to Grand View Research, but this is believed to be a significant underestimate.

The minerals needed to make chips has skyrocketed from 11 to more than 60, hundreds of chemicals are involved, including the highly toxic PFASs, a family of about 12,000 chemicals that do not break down in the environment for tens of thousands of years, earning them the nickname eternal chemicals.In recent years, semiconductor or chip manufacturing has been taken overseas, usually in countries with little environmental regulation.

"Producing an AI chip requires ten to fifteen times more power than manufacturing a standard chip.This is because AI machine learning requires a different type of computer processor, called a graphics processing unit (GPU), which uses models to perform increasingly complex tasks. GPUs consume enormous amounts of power. Whereas in 2020 it took about 27 kilowatt-hours of energy to train an AI model, by 2022 this figure had risen to one million kWh, a staggering 37,000-fold increase. All this computing power requires huge amounts of electricity and water for cooling." To all this, add the enormous concentration of power and its impact on the populations most vulnerable to such a demand for resources.

Gerry McGovern, Sue Branford. 17 Abr 2024 América del Sur. https://es.mongabay.com/2024/04/inteligencia-artificial-impactos-ambientales-america-latina/

Since just over 4 years ago that the most popular AI models were integrated and began to train, companies like Microsoft, Google, OpenAI and technology market leaders, in their environmental impact reports from 2020 to 2023 has increased from 20% to 48% a considerable increase that can mean a considerable global environmental deterioration and leaves us with a lower time frame to generate a change or avoid day 0, according to the Paris agreements.

These activities not only affect ecosystems, but also the communities that depend on them, the real impact of these investments is often paid for by the most vulnerable: dispossessed lands, polluted waters and increased economic and social inequality.

These stories, though invisible to many, are at the heart of the problem. In a world where technology promises to be the ultimate solution to our problems, we are faced with the alarming reality: every advance comes at a huge sociOenvironmental cost.

The extreme desire of developing country governments to attract foreign investment has led them to prioritize the demands of big technology over the needs of the global population. Governments, in an effort to industrialize marginalized regions, are in turn impacting their own territory for the benefit of the interests of large technology companies, which tend to settle in countries where workers are already poorly paid and regulations are lax in order to take advantage of the lack of proper waste management and socio-environmental impacts.

In the shadow of this advance, there are communities paying the highest price, dispossession, depleted natural resources, drought, unemployment, deadly diseases and lives transformed by decisions that were not made with them and their interests in mind, crossed by corruption, which seeks to maximize an artificial return without thinking about the global setback that it may mean.

The work is not only for machines, behind the images, texts, videos and all the information, this must be classified, categorized, cleaned and detoxified by people, according to cultural standards of the global north, this is an emotionally stressful work and is performed by people in countries with hyperinflation and economic crises, which usually do not have regulations to avoid exploitation and labor abuse where companies pay wages to pennies on the dollar, taking advantage of isolated workers without regulations or unions to ensure labor rights.

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It has been shown that this type of work is demoralizing and is undermining the mental health of the world's workers, monitoring them with the same technology coldly measuring productivity, without valuing their human needs, abusing them and even with reports of child labor in plants.

This contest invites us to reflect on this paradox and to reimagine a future where technology and nature are not in conflict.

LINKS FOR CONSULTATION

The other side of AI, the impact on Latin America

The environmental impact of AI

Artificial intelligence is already an environmental problem | Technology | EL PAÍS

AI Regulation in Argentina - DataGénero

Bitcoin Energy Consumption Index - Digiconomist

Powering AI could use as much electricity as a small country - Digiconomist

Ethereum Energy Consumption Index - Digiconomist

Artificial intelligence and gender equity: a mirror of our societies - Sustainability

Artificial intelligence is not feminist

Artificial intelligence already reproduces gender stereotypes | UN News

Generative AI: a UNESCO study reveals alarming evidence of regressive gender stereotypes