

Performed by

Patricia Rincon

President

# Letter from the President



## Patricia Rincon Chairwoman

We thank all those interested in helping the planet and humanity to live in increasingly higher survival conditions, supporting our innovative proposals to solve climate change, mitigate natural disasters, contribute to the expansion with sustainable development without inequalities in terms of human and environmental rights. We hope to continue helping make this our mission a reality.



## INTERNATIONAL REACH

02

### TRAFFIC BY LOCATION OF WWW.ONGARCATIERRA.ORG



## 285 Cities in 43 Countries

**International impact** 











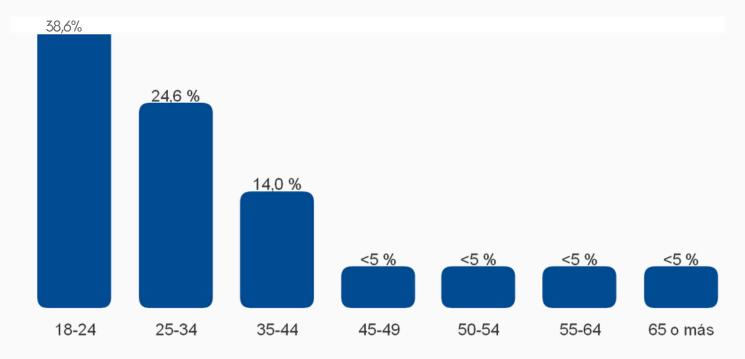




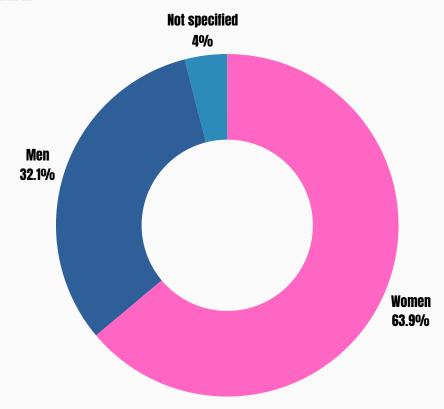
**6.3K** 

## AGE





## **GENDER**





## OPEN EDUCATION

04







The first steps to solve climate change



Technological innovations to create the tools to save the Earth



Systems to Purify the Air and Water of Cities, the Atmosphere and the Oceans



Geoengineering techniques to reduce typhoons, cyclones, hurricanes and tornadoes



Organization and Models of Cities for Sustainable Development



Evolution of management policies for sustainable development



How to take action against global warming

#### **VIEW ONLINE COURSES**

We continue to provide open education to use cutting-edge technologies that we evaluate as functional and our proposals for innovation in technologies and management models to meet the goal of our strategic plan 1 Climate:

LAY THE FOUNDATIONS OF A CIVILIZATION CAPABLE OF SOLVING CLIMATE CHANGE, SURVIVING NATURAL DISASTERS, RECOVERING AND CONSERVING NATURAL RESOURCES, WITH QUALITY OF LIFE THROUGH SUSTAINABLE DEVELOPMENT AND EQUAL HUMAN AND ENVIRONMENTAL RIGHTS.

## BENEFITED STUDENTS



## **401 STUDENTS**



612 STUDENTS

## **Testimonials**



**OPEN EDUCATION** 

"I consider it to be a very interesting course that touches on a topic that concerns the entire population of the planet. The teacher addresses it effectively and explains the concepts very well." Gabriela Acuña Rangel

"I really like it because it is new and easy to explain." Daniella Montesino Pereira

"I was looking for a course on climate change and I found one on that topic. But totally different in everything! It is made by a girl who is a genius and looks for solutions but taking into account something that no one had taken before. What a find I have made!!!!"
Alberto Compes Lorza





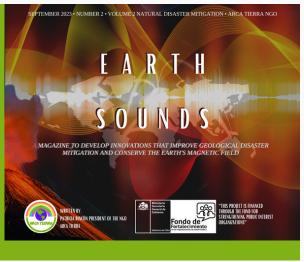


## DIDACTIC MATERIALS

**CONTENT DEVELOPMENT, EDITING AND PUBLICATION** 



### **Sounds of the Earth**



## AVAILABLE IN OUR ONLINE BOOKSTORE

The magazine that will mark a milestone in the monitoring and prediction of geological disasters, with cutting-edge technologies and our innovation proposals. We will show you how catastrophes can be avoided through modern and innovative construction techniques and how to protect the magnetic field from climate change.





# INNOVATION EVENTS

ONLINE AND IN PERSON



### IN SCHOOLS, NEIGHBORS' MEETINGS... TO CHILDREN, YOUNG PEOPLE AND ADULTS



Education to develop innovations for the prediction and mitigation of geological disasters and take protective measures against earthquakes. In online workshop, video on YouTube, radio broadcast on a Spanish-speaking station that is broadcast to Spain and America, in-person workshops.



## LEADERSHIP OF WOMEN IN SCIENCE







## 21 youth innovation teams (15-17 years old)

In high schools, young people were motivated to form innovation teams led by women and formed with gender equality and to study STEM careers.

# BENEFITED STUDENTS 13K STUDENTS



## **Students of the "Sounds of the Earth Project"**

The young women formed innovation teams, expressing their interest in disseminating and promoting the innovations proposed in the magazine.

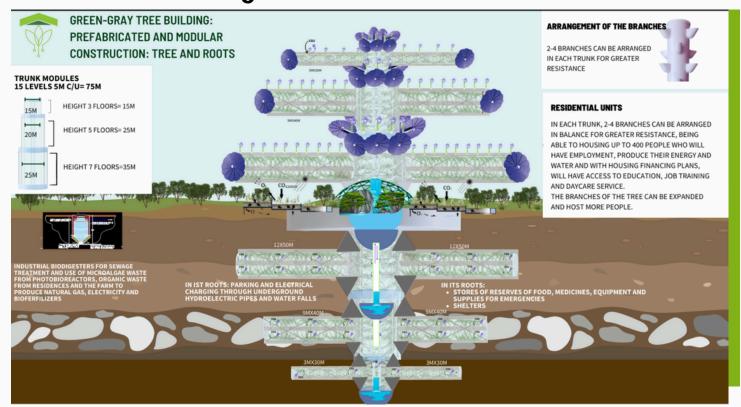


## INNOVATION

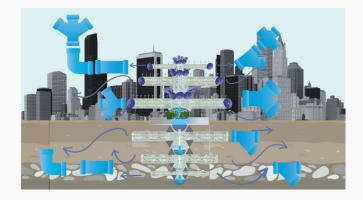
#### PROPOSALS FROM THE NGO ARCA TIERRA

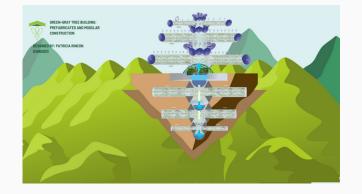
### **Tree Building**

#### A Solution to the Housing Deficit



There is a global housing crisis; according to the UN, more than 100 million people in the world are homeless, a figure that increases due to natural disasters that leave more than 14 million people homeless each year. By virtue of facing this situation, we designed a sustainable smart building to solve this problem with social and economic integration. If you want to build a tree building in your city, write to us at info@ongarcatierra.org





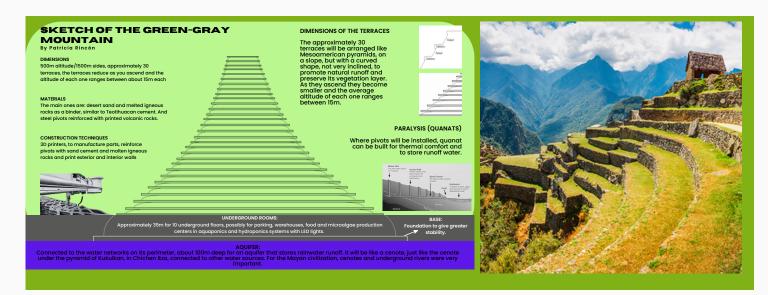


## INNOVATION

#### PROPOSALS FROM THE NGO ARCA TIERRA

### **Green-Gray Mountain**

#### Orographic barrier to stop and reverse desertification



Conceptual design of Green-Gray Mountains to stop the advance of the Sahara and hunger, reversing desertification and improving the quality of life, to make a prosperous region.

This project is part of our Program for Sustainable Development in the Sahel, known as the "Hunger Strip" in Africa.

If you want to support this project, write to us at info@ongarcatierra.org



The STONE Spray experimental robot for 3D printing with sand and an ecological compound.

We propose improvements in materials with volcanic rocks and sand under pressure to produce graphene or a very resistant material similar to pyramids that have resisted hundreds of years.



## Nüwa, a vertical city carved into the rock, is a Spanish project, selected by Mars City as a viable civilization on Mars.

We propose a city within the mountain, where food, water, renewable energy and plant matter are produced to reverse desertification. And it will be used to experiment colonization on other planets and satellites



## INNOVATION

#### PROPOSALS FROM THE NGO ARCA TIERRA

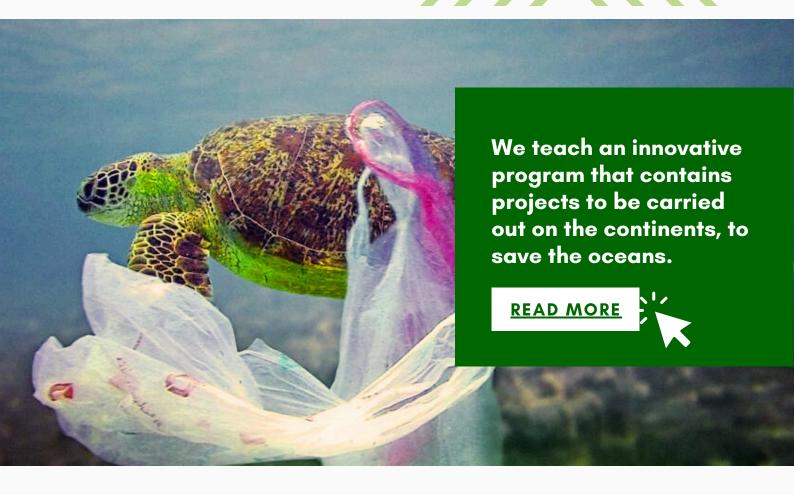
### **Hunger and Poverty Eradication Project**

Through self-consumption of water, renewable energy and nutritious food



Through the use of the WATER-ENERGY-FOOD CIRCUITS innovation license, which we have the right to use for non-profit projects, we create, in the months of January and part of February, projects to eradicate hunger and poverty, because these problems have worsened due to impunity for crimes against humanity, the genocide against Ukraine and global terrorism, which affect developing countries and food producers, for which food catastrophe and poverty are predicted, but thanks to This innovation provides us with tools to eradicate them. If you want to support these projects, contact us at info@ongarcatierra.org

# SOME OF OUR CAMPAIGNS







We promote justice campaigns against states and terrorist groups

because they are the main cause of forced displacement



## Innovation, education and action for humanitarian assistance

We show our recommendations to face the serious crisis of forced displacement, with our innovation of the "Sustainable Shelters" model







We continue teaching how to create sustainable development in rural and urban areas, in different geographies.

**READ MORE** 



# SOME OF OUR CAMPAIGNS



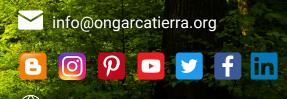
We show our proposal to achieve gender equality in less than a decade





HELP US INCREASE OUR IMPACT!

**CONTACT INFORMATION** 



www.ongarcatierra.org