

Antarctic School Fair: 20 years of collaborative science at the school

Marcelo Leppe Cartes ✉ mleppe@inach.cl
Andrea Peña Aguirre, Jessica Paredes, Constanza Jiménez, Reiner Canales.

Understanding Antarctica as a continent of the future means not only accepting its potential to transform and determine the future of the planet but also the challenge of communicating this relevance to those who will be responsible for its protection: the next generations.

For this reason, the challenge of promoting Antarctic knowledge among young people has been an objective addressed by INACH.

During 20 years the Antarctic School Fair has led thousands of high school students to ask questions about Antarctica and to seek science-based answers with the help of their teachers.

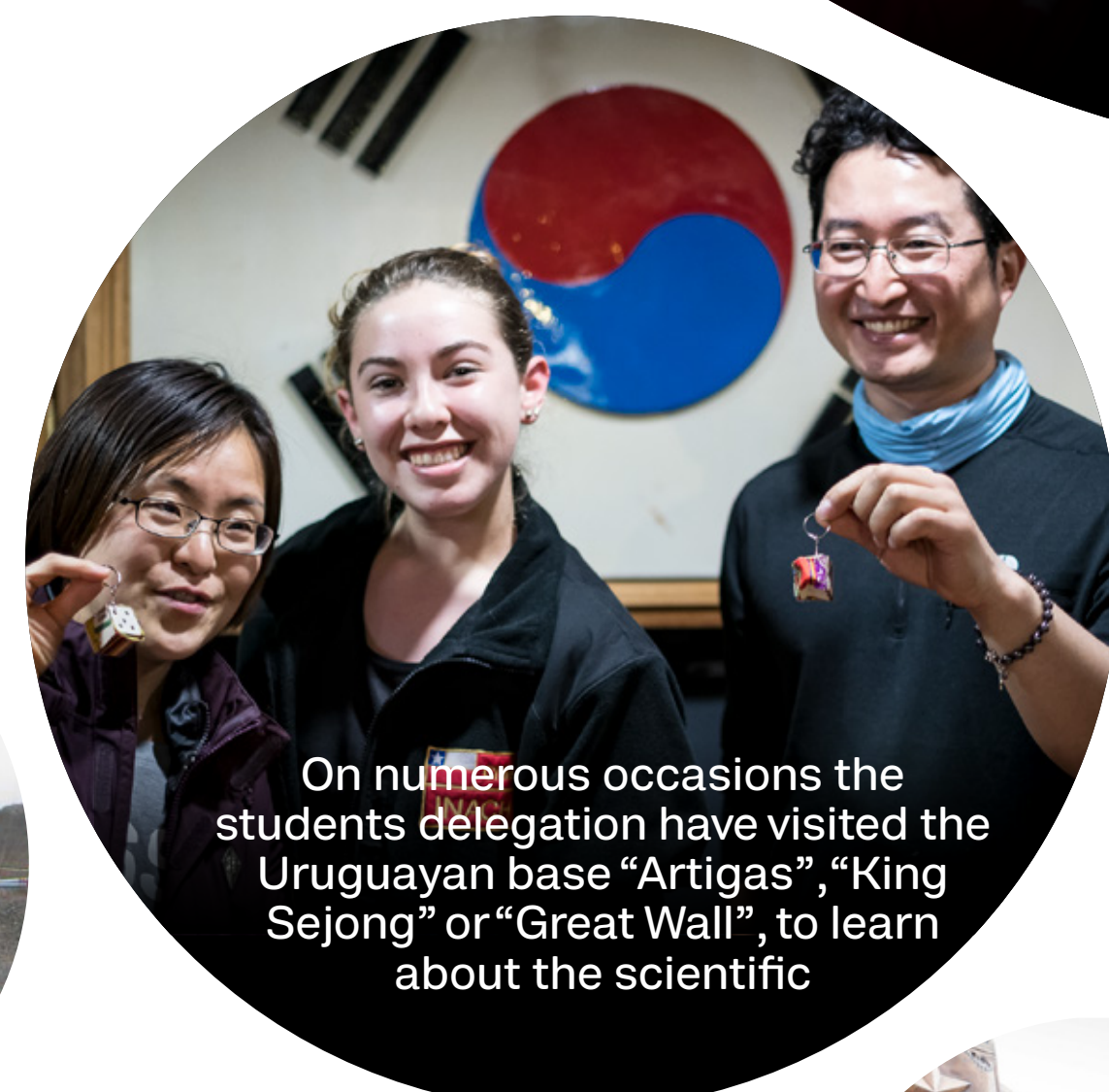
The Antarctic School Fair is a competition for high school students from all over Chile. The competition aims to spur the scientific vocation in young people, and to encourage the appreciation of national scientific development, knowledge, respect, and engagement with the Antarctic continent. The competition invites young people to submit a research proposal related to the White Continent, choosing the area they are most interested in, such as natural sciences, social sciences, or technological development.



International cooperation



+10 countries



On numerous occasions the students delegation have visited the Uruguayan base "Artigas", "King Sejong" or "Great Wall", to learn about the scientific



2009 Antarctic School Expedition had the valuable support of Prince Albert II of Monaco



10 years ago, in February 2013, two young Finns and their teacher were the first foreign guests of the EAE



Scientific diplomacy



2013, two young Chilean girls, winners of the IX Antarctic School Fair, received the highest award of the Stockholm Junior Water Prize in Sweden

In these 20 years
4500
students have submitted research proposals



50% women in science



Since 2015, collaboration with the Joint Antarctic School Expedition (JASE) program, coordinated by Dartmouth College and funded by the National Science Foundation



October 2018, students and teachers won the prize to travel to the Latin American Science and Technology Fair IMAGINATEC in Panama



Every year
15
teams are selected to present their proposals in a meeting held in Punta Arenas, one of the gateways to Antarctica



2020, Joint Science Education Project (JSEP), an international collaboration between Greenland, the United States, and Denmark

3
best teams win the prize of participating in the Antarctic School Expedition (EAE)



February 2023, three Turkish high school students traveled to King George Island for five days to learn about the work that Chilean scientists are carrying out at INACH's station. The visit was part of the expedition of the TÜBİTAK MAM Polar Research Institute (KARE)

Interested in collaboration?
fae@inach.cl