ENCOURAGE the participation of women and young students from PURHÉPECHA communities in Earth and Space Science

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1. Introduction

The participation of indigenous women and students in the STEM areas is not usual and sometimes is limited due to lack of teaching and/or technological materials, financial resources, motivations and specialized instructors.



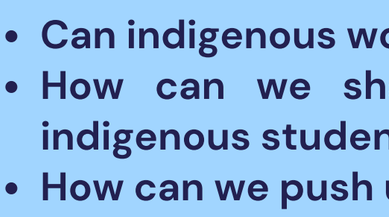


2. Research Question

- Can indigenous women participate in the Space Sciences?
- How can we share the scientific knowledge with the indigenous students?
- How can we push up their interest to the science?

3. Previous research

Female researchers in Latin America and degree obtained by level, race and ethnicity

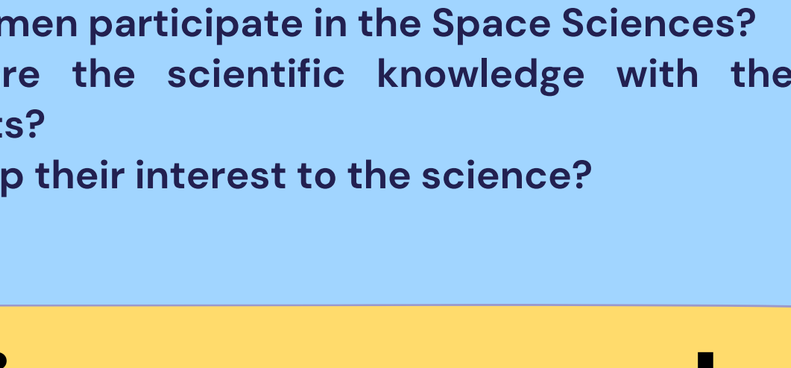


33% of research are female

Credit: UNESCO Institute for Statistics, Junio 2019



Academic degree obtained by indigenous students



0.94 % of indigenous scientists belong to the National Researchers System

4. Methodology

- **Encourage the participation of people from Purhépecha communities in sciences through conferences, workshops and scientific activities.**
- **Promote the opening of work spaces for young indigenous university students.**
- **Motivate, inform, and help young indigenous university students in their academic training.**







5. Suggestions with EAAMO

- **Develop digital material related to Earth and Space Sciences to share with indigenus schools and students: infographies, worksheets, videos, audios, games and board work.**
- **Material will be available online for interested persons.**
- **The content language will be in Spanish and Purhépecha.**

References

- González Esparza, J. A. (2022), La Tormenta Solar Perfecta. UNAM.
- Diversity and STEM. Women, minorities, and persons with Disabilities 2023. National Center for Science and Engineering Statistics | NSF 23-315.



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