

UAS TOWARDS 2024 SOLAR ECLIPSE: EDUCATIONAL INCIDENCE IN SINALOYA

E. A. LEÓN*, C. TAPIA-SCHIAVON, G. DALLE-MESE, T. N. KOKINA, R. PRIETO-ALVARADO, C. ORTÍZ-BUENO, W. PLATA-ROCHA

• CONTACT: EALEON@UAS.EDU.MX



UNIVERSIDAD AUTÓNOMA DE SINALOYA

INTRODUCTION

The south of Sinaloa state in Mexico is the entering point of 2024 april 8 solar eclipse. The Autonomous University of Sinaloa (UAS) is participating with a number of educational and scientific popularization activities that may reach a great part of the community in this state, mainly the younger generations.



SOME INFO AND NUMBERS

- First and only mexican Astronomy program at University.
- Observatory at an Ecological Reserve in Cosala, Sinaloa.
- UAS-Highschool: +50 000 students (+40% youngsters at that level in the state).
- UAS-University: +70 000 students.
- More than 100 locations, including several in the path of totality.
- Links to all relevant actors and institutions in the state.

EDUCATIONAL

We will be training teachers about eclipses, safe way to see them, their cultural importance and some scientific aggregates such as the relation with other phenomena. We will also have a symposium about eclipses by the local scientific committee.

All these activities shall also be extended to the general public and youngsters. At the same time several cultural activities will be placed and promoted including all of Sinaloa state.



LOCATIONS & RESOURCES

Selected locations of UAS will be hosting talks delivered mainly by astronomers and physicists. Notice that UAS has adequate infrastructure in Mazatlán. Activities shall also be promoted in the Observatory at "Reserva Ecológica del Mineral de Nuestra Señora de Cosalá". Teachers will also have access to a follow-up virtual course.



- Special thanks to "Eclipses Mexico 2023-2024", for much of the educational material for this program, through local representation by mean of Dr. Giannina Dalle Mese.

IMPORTANCE

UAS -and specifically the Earth and Spatial Sciences Faculty, Center of Astronomy, and UAS High School- is up to the task of taking advantage of the next solar eclipses to impact in the regional society.

We have an unique oportunity, that is to change the narrative of Sinaloa and Mexico to one where a collective memory associates the near past and the years to come with this historic astronomical event, and in the process we obtain a more scientific informed community, as well as a motivated young generation towards astronomy.

