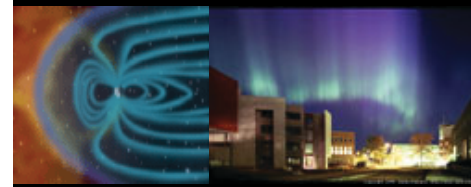




**SCIESMEX**

Servicio de Clima Espacial - MX

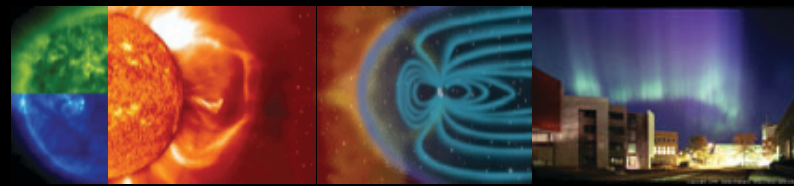


# Mexican Space Weather Service (SCIESMEX)

J. Americo González-Esparza

UNAM, Mexico



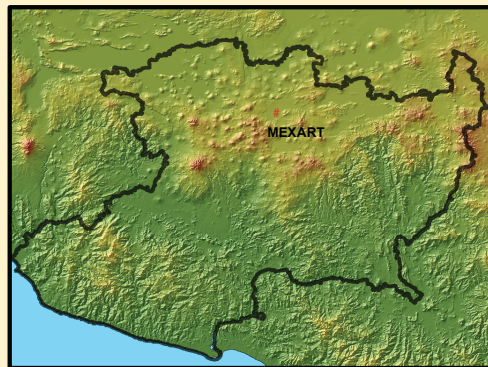
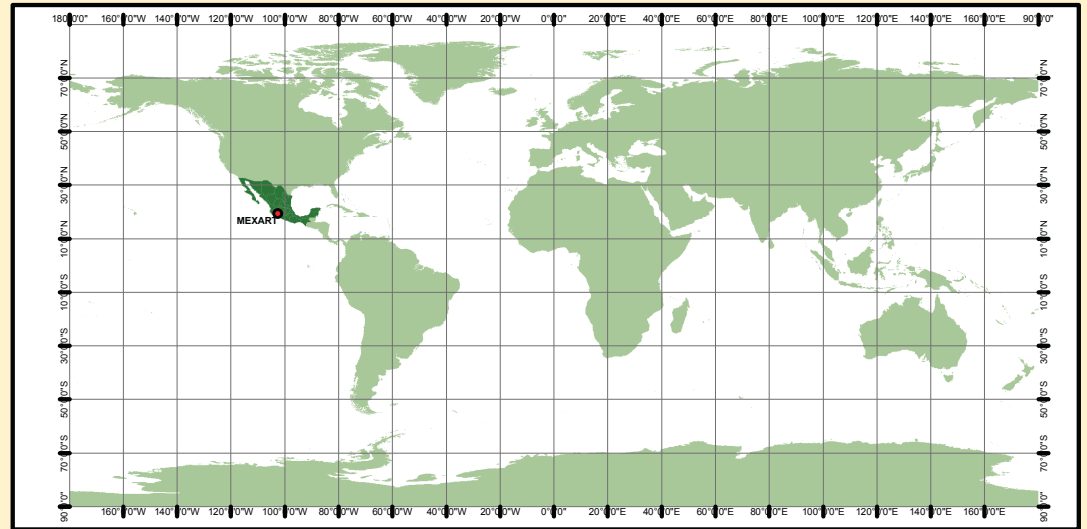
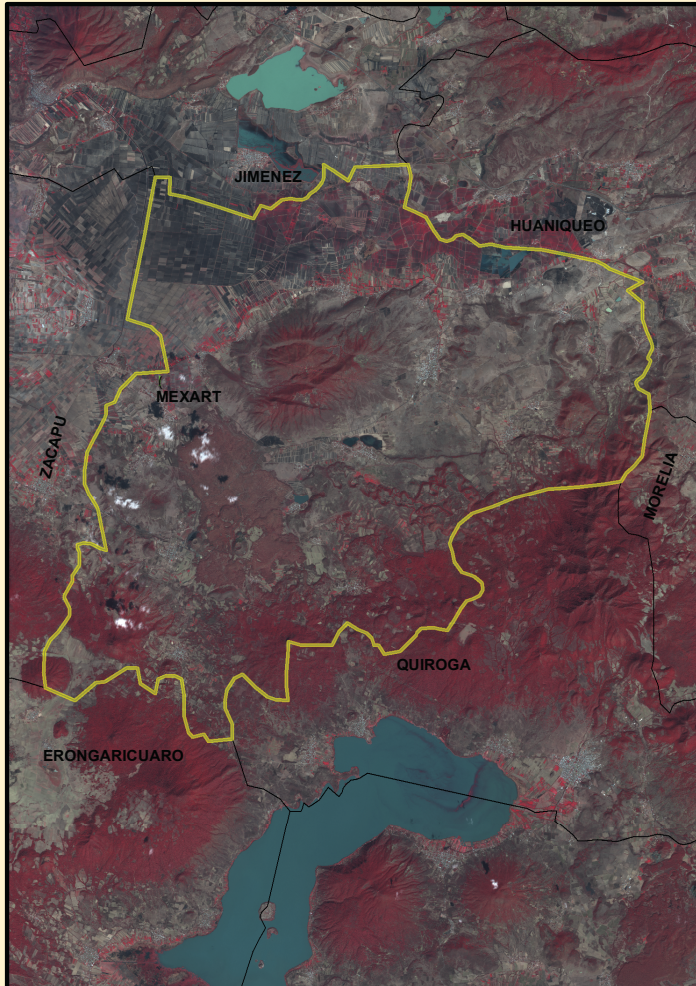


# Motivation

- Recent modifications to the General Civil Protection Law (June, 2014)
- Creation of the Mexican Space Agency (AEM) (2013)
- UNOOSA recommendations on Space Weather observations and studies
- Expertise of the Geophysics Institute at UNAM operating critical national services (e.g. Seismological National Service, National Marine Condition Service, Geomagnetic Service)



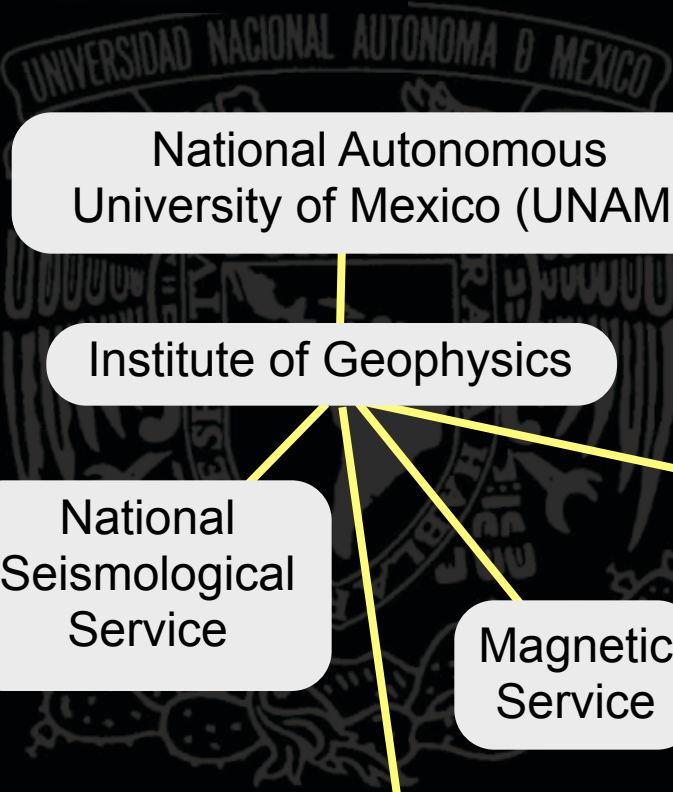
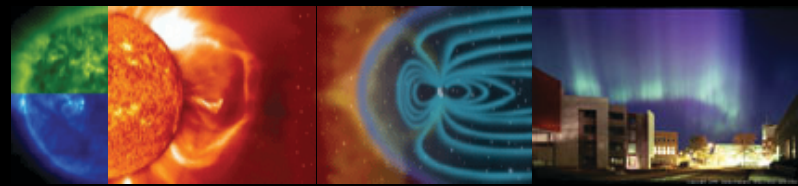
# Geographic location: Servicio de Clima Espacial Mexico (SCiESMEX) Mexican Space Weather Service



Mapa de ubicación Geográfica del MEXART.



# Organization Chart



Ministry of Interior Affairs

National Service of Civil Protection

Space Weather Service SCIESMEX

Mexican Space Agency (AEM)

National Autonomous University of Mexico (UNAM)

Institute of Geophysics

National Seismological Service

Magnetic Service

National Marine Conditions Service







Universidad Nacional Autónoma de México

**SCiESMEX**  
Servicio de Clima Espacial - MX

Inicio Tiempo Real Alertas Significado de Alertas Observatorio Virtual (VESO) Reportes Modelos Divulgación

Galería

**SCiESMEX**

**Servicio de Clima Espacial - México**

El Servicio de Clima Espacial - México [SCiESMEX] es uno de los servicios que brinda la Universidad Nacional Autónoma de México (UNAM) para coordinar el intercambio de información entre las redes internacionales de Clima Espacial (ISES) y

**Tweets**

SCiESMEX / UNAM MX @SCiESMEX  
Información de la reunión de la @UNOOSA se puede encontrar Follow #COPUOS + #STSC bit.ly/1LyZPTW

SCiESMEX / UNAM MX @SCiESMEX  
Está iniciando la sesión del comité científico técnico de la @UNOOSA en Viena pic.twitter.com/08avRBkHDL

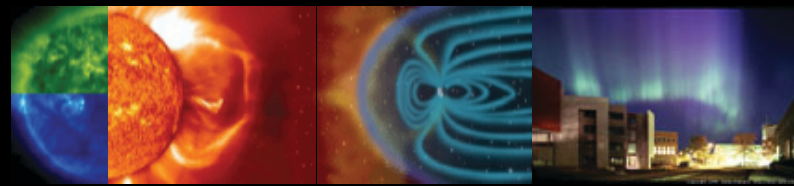


# Aims



- To unify and combine data of the UNAM network of ground based instruments studying different aspects of the solar-terrestrial relations
- To incorporate our instruments to international networks sharing data in near real time
- To participate in international organizations: ISES and WMO-ICTSW
- To emit alerts in social networks to inform to the general public, governmental, private and military dependencies of possible effects on the Earth's environment due to solar activity
- Space weather studies within the Mexican territory
- Observations and research in space physics
- Outreach and educational activities





## UNAM Current Ground Based Instruments

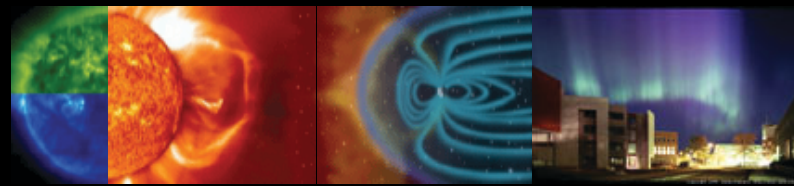
- MEXART observatory / IPS radiotelescope
- Geomagnetic Observatory / INTERMAGNET
- Cosmic Rays Observatory (Mexico City)
- Global Muon Detector Network (GMDN @ Sierra Negra)
- GPS stations (Juriquilla, MEXART, etc.)
- Schumann resonance station (MEXART site)
- Callisto antenna (MEXART site)

Virtual Observatory (Virtual Sun-Earth Observatory  
[www.veso.unam.mx](http://www.veso.unam.mx))





# Facebook: SCIESMEX



Facebook: SCIESMEX

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1,173 TWEETS

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47 FAVORITOS

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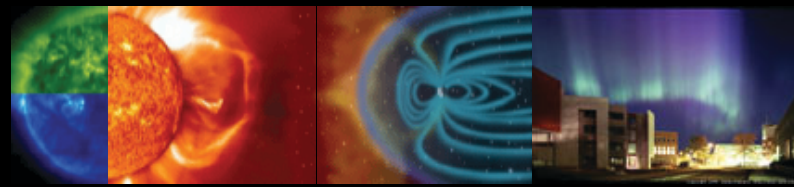
Getting ready! RT@UNOOSA Schedule of work for today #STSC #COPUOS & general exchange of views + COSPAR Symposium on 'Measuring the universe'

Remco Timmermans @timmermans · 8 h

The @unoosa #COPUOS #STSC meeting has started. Full house!



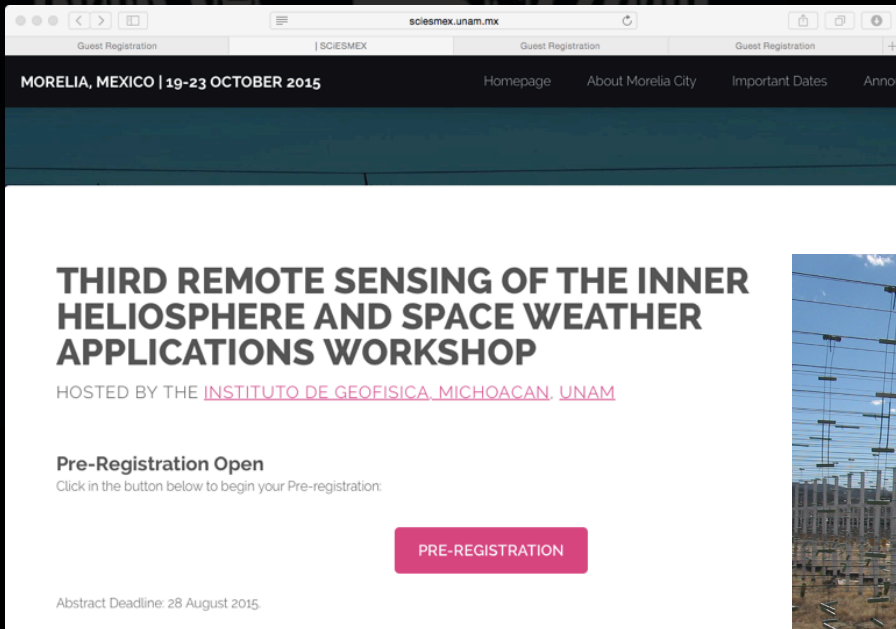
International Space Environment Service – 2015 Annual Meeting



<http://www.sciesmex.unam.mx/workshop2015/>

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## October 2015 / Morelia, Mexico



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Guest Registration | SCIESMEX | Guest Registration | Guest Registration

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HOSTED BY THE [INSTITUTO DE GEOFISICA, MICHOACAN, UNAM](#)

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**PRE-REGISTRATION**

Abstract Deadline: 28 August 2015

