

# Latin American Network of Students in Atmospheric Sciences and Meteorology (RedLAtM)

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## General Description

The **Latin American Network of Students in Atmospheric Sciences and Meteorology** (RedLAtM) is a civil nonprofit organization, organized by students from Mexico and some South American countries. As a growing organization, providing human resources in the field of meteorology at regional level, the **RedLAtM** seeks to be a Latin American organization who helps the development of education and research in Atmospheric Sciences and Meteorology in order to engage and promote the integration of young people towards a common and imminent future: Facing the still unstudied various weather and climate events occurring in Latin America and Mexico. The **RedLAtM** emerges from the analysis and observation/realization of a limited connection between Latin American countries around research in Atmospheric Sciences and Meteorology. The importance of its creation is based in cooperation, linking, research and development in Latin America and Mexico, in other words, to join efforts and establish a regional scientific integration who leads to technological progress in the area of Atmospheric Sciences and Meteorology. As ultimate goal the **RedLAtM** pursues to develop climatic and meteorological services for those countries unable to have their own programs, as well as projects linked with the governments of Latin American countries and private companies for the improvement of prevention strategies, research and decision making. All this conducting to enhance the quality of life of its inhabitants facing problems such as poverty and inequality.

## Actions

- Participation in the 1st Summer School of Atmospheric Sciences (Mexico)
- Broadcasting symposium Peru and Puerto Rico.
- Broadcasting congress Argentina
- Collaboration at III National Meeting of Meteorological Observers (Peru)
- Participation COY 11 (YOUNGO Latin-American)
- Help to translate A&Q with the AMS / EGU
- CEPAL Sixth Session (Mexico)
- Sixth National Congress of Climate Change (Mexico)
- XXV Mexican Congress of Meteorology and X International Congress of Meteorology (Mexico)

## Mission

**RedLatM** will be a Latin American reference for the future of the education and research of Atmospheric Sciences and Meteorology, towards promoting the integration of young people for a common future facing up the divers meteorological and climatic phenomena in this area

## Vision

**RedlatM** will be a leader association that promotes youth leadership and entrepreneurship for the exchange, development, research and cooperation of high quality in Atmospheric Sciences and Meteorology

## Objectives

**Main objective:** Meteorological Culture (all latin-american countries)

- **Cooperation:** collaboration, exchange, production, circulation of materials, ideas, knowledge, experiences between the members
- **Research:** elaboration, financing, implementation of studies on the different topics on atmospheric and meteorological sciences in Latin America
- **Link-up:** promote the research and work of the different regions to share experiences, results and generate protocols, decisions and links between participating institutions
- **Development:** strengthening the work for the future of Latin America, combining every research for the development, integration and union of the region

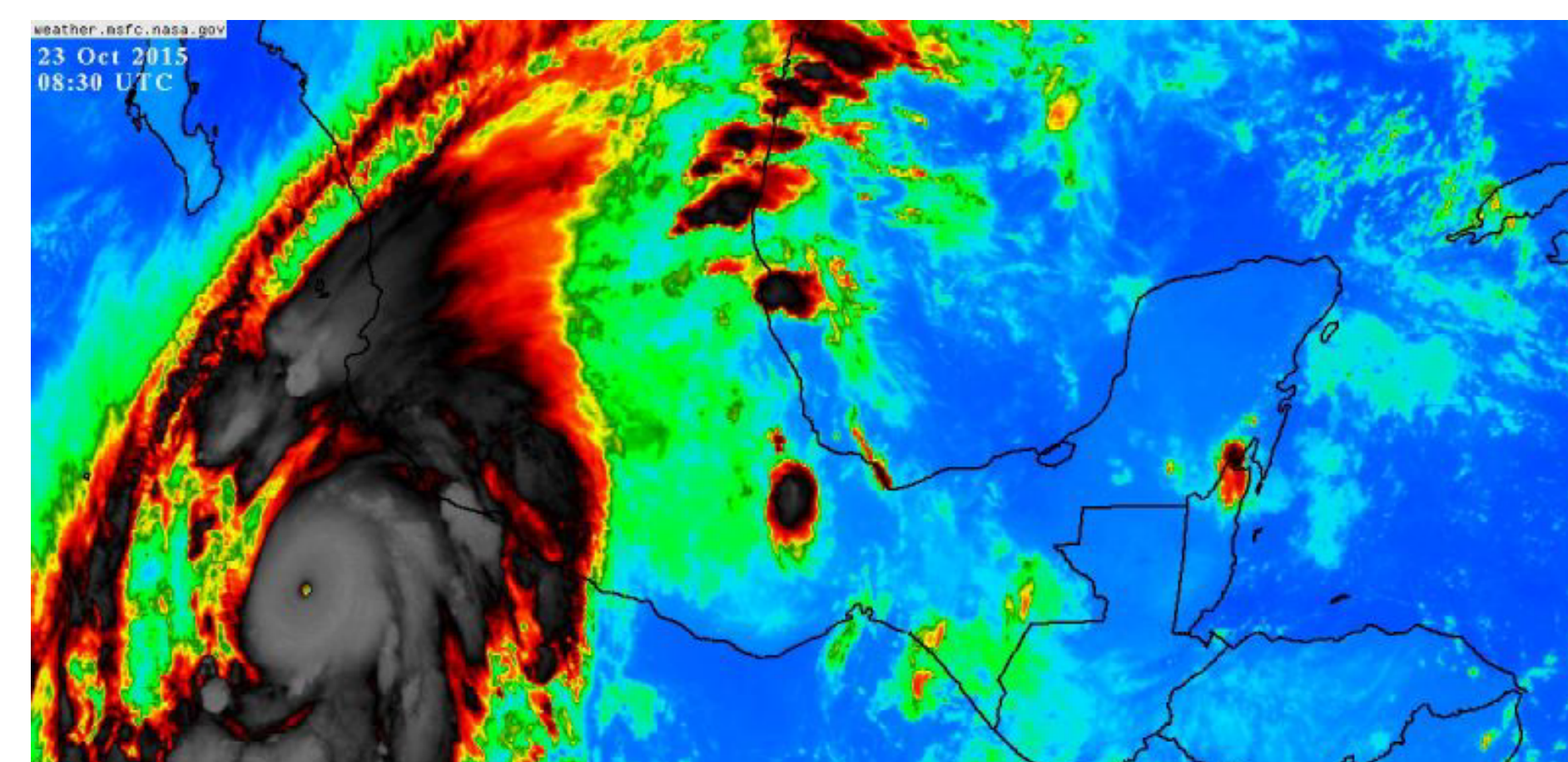
## AMS QUESTIONS

1. Observations (or networks) that are needed to benefit your future research, application or product development: These requirements have to be processed and analyzed with adequate knowledge and experience in the field and also station automation should not replace the skilled technician
2. Recommended instruments that are needed to make these observations: these must consider the sustainability and projection in the long term
3. Your view on the greatest observational needs for your discipline in general: We need establish networks and interaction with countries most advanced in these subjects and especially promote exchanges between Latin American students

## Countries



## Extreme events and meteorological culture in Latin America



Hurricane Patricia (2015)  
Source: NASA



Tornado in Uruguay  
Source: Diario Colón



Weather Station in Rinconada,  
Veracruz, Mexico



Flood in La Plata, Argentina (April, 2013)  
Source: Infobae Argentina



Hurricane Catarina (2004)  
Source: NASA