TROPICAL CYCLONES: CURRENT CHARACTERISTICS AND POTENTIAL CHANGES UNDER A WARMER CLIMATE

CRN II-048, Graciela B. Raga

## **Project participants**

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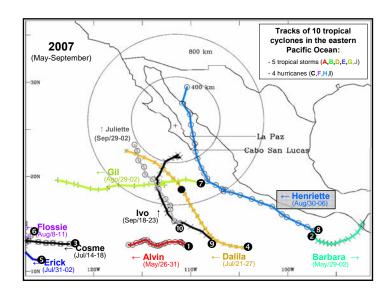
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## Objectives

- To better understand the factors and processes that influence the intensification of tropical cyclones, through observations and model simulations
- To evaluate which of those factors could be more important under global warming scenarios
- To evaluate the impact of coastal waves induced by tropical cyclones under global warming scenarios.

## Results

- Climatological study from satellite data over the eastern Pacific Ocean
- Data analysis from field projects with aircraft (TCSP/IFEX and EPIC)
- Presentations at special sessions at AGU/Joint Assembly in Acapulco
- Tropical meteorology course at *University of Buenos Aires (75 hours)*
- Upcoming activities:
- PI meeting and tropical cyclone course in La Paz, Mexico (32 hours)
- Presentations at AMS meeting in Orlando, USA (April)
- Manuscripts in preparation for peer-reviewed journals.

