

COSTA RICA







Regular participants

Dr. Vilma Castro (retired)

Dr. Marcial Garbanzo

Dr. Hugo Hidalgo

Dr. Jorge Amador

Dr. Ana María Durán

Dr. Erick Rivera

Dr. German Vidaurre

Werner Stolz

Eladio Solano **Evelin Quiros**

University of Costa Rica University of Costa Rica

National Meteorological Institute National Meteorological Institute Costa Rican Electricity Institute

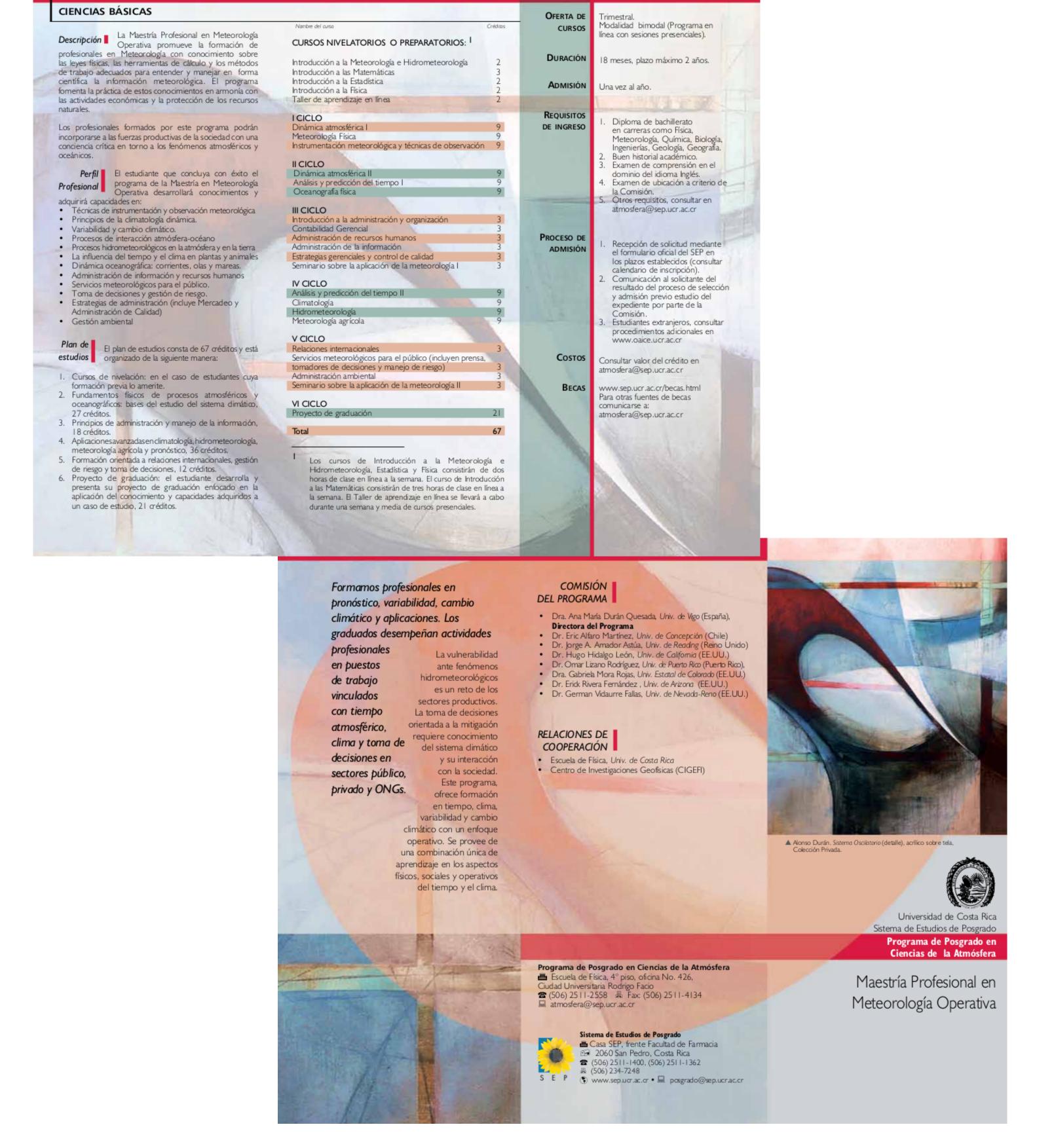
Future plans

for Nautical Engineering and Marine Training Transportation Students. Introduction to Atmospheric and Oceanic Sciences. Part 1: High latitude and tropic interaction. Part 2: Meteorological and Oceanic systems in the tropics.

Training course for Meteorological Observers in South America.

New online program in Operational Meteorology. Master Degree. Including: Physical Meteorology and Oceanography, Instrumentation, Analysis and Forecasting, Managing Information, Quality control, International relations, Meteorological services for the public. Limited funds will be provided by the University of Costa Rica for scholarships.

A program to improve access to satellite imagery and training for meteorological services and institutions in Costa Rica and the region.



Main Achievements

The department of Atmospheric, Oceanic and Planetary Physics at the University of Costa Rica now consists of 13 professors with PhD's in physics, meteorology or related areas.

First Training in installing and using meteorological software Gempak, IDV, and McIDAS-V. Dec 2013. Lecture-Lab.

Second Training in installing and using meteorological software Gempak, IDV, and McIDAS-V. Jun 2014. Lecture-Lab.

Distance Training in automation and product generation. March 2015. Distance - Online.

Training course in meteorology for the El Salvador International Airport and other personnel. April-October 2015. Online with one lecturer visit.

Aeronautical meteorology course for Observers. March 2015. Online with one students visit.

Main Challenges

The main challenge of the CoE is to coordinate appropriately all the personnel involved in the activities. The train the trainer activities are mostly restricted or mandatory only to the staff of the University of Costa Rica.

Most of the difficulties of the CoE activities come from the lack of time available for the staff to invest in planning and carrying out activities. The entire staff of the DFAOP is active in teaching activities and research.

For a long time the activities depended on Dr. Vilma Castro investing most of her time (including personal) in the CoE, but now she is retired and the activities are distributed to new personal of the DFAOP. The DFAOP is making efforts towards getting administrative and teaching personal that can actively contribute towards the activities of the CoE. This will release the scientific personal from the administrative tasks and make more time available in order to generate quality material for the students.

Interests for collaboration

there University Costa developing better tools (in hardware and software) to improve access to meteorological information and creating the online training to use such tools. Of great importance is to reduce the limitation in usage of GNU/Linux-based operating systems. Any collaboration in this area is greatly appreciated.

The RTC and the University of Costa Rica have hosted training activities in exotic locations in Costa Rica with great success and we are always willing to collaborate in creating and carrying out these activities. Students and teachers love such activities and the environment is ideal for learning, collaborating and creating initiatives.