# [***Senacyt bets on mangrove rehabilitation***](https://advance.lexis.com/api/document?collection=news&id=urn:contentItem:65M0-S461-JCG7-82RD-00000-00&context=1516831)

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**Body**

In conjunction with experts from OTEIMA Technological University, Louisiana State University, the City of Knowledge Foundation and the National Secretariat for Science, Technology and Innovation (SENACYT) conducted an educational and scientific training to a group of Panamanian researchers.

The program, which aims to rehabilitate and restore the ***mangroves*** located in the coastal region of the Western Pacific of Panama, is based on an interdisciplinary approach where research benefits the development of teaching initiatives, knowledge production and service to our society.

It also proposes a direct link between scientific knowledge, academia and productive activity, combining the training of researchers with that of technicians trained to serve as a link between science, community-based organizations, companies in the sector and state agencies involved in the productive and sustainable management of ***mangrove*** ecosystems.

Senacyt informed that at the end of this meeting, the results of the project will be presented in at least three (3) national or international events.

Among the topics to be addressed are:

-Introduction: ***mangrove*** ecosystem; definitions, distribution, zonation, trophic structure.

-Eco geomorphology and eco types of ***mangrove***; functional importance.

Biological adaptations of ***mangrove*** vegetation to environmental extremes; basic eco-physiological processes.

-Structure of ***mangrove*** wetlands: concepts of niche and habitat.

-Productivity and Biomass of ***mangrove*** wetlands: ***Blue carbon***.

-Operational ecological basis for ***mangrove*** restoration and rehabilitation.

Ecosystem services of ***mangrove*** wetlands as a central criterion in their economic evaluation for the development of long-term coastal zone management programs.

-The future of ***mangrove*** wetlands in Panama in the context of climate change and intensity of human disturbances at the regional level.

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