

## Section NEWS/ACTIVITIES

Type of activity: **Conference**

Date: July 12-14 2022

Place: Crete, Greece

Title: Epigenetic Mechanisms of Crop Adaptation To Climate Change Annual Conference

Organisers: Federico Martinelli, Dorita Galea, Michal Lieberman-Lazarovich, and Eirini Kaiserli

Venue: International Conference Centre of Mediterranean Agronomic Institute of Chania, Crete, Greece

Conference report:

The 2nd EPI-CATCH hybrid Conference provided the opportunity to EPICATCH members and external invited speakers to disseminate, discuss, collaborate and update on the latest research in plant epigenetics. The conference was attended by 90 scientists from 21 countries and 4 continents. The speakers, poster presenters and attendees were from different career stages, scientific and cultural backgrounds, model organisms, experimental approaches as a means of promoting equality and diversity. The conference covered the following topics: epigenetic responses to environmental stresses, epigenetic mechanisms driving stress memory, transgenerational effects and adaptation responses, and methodological approaches for the study of epigenetic diversity and stress responses. A joint session with PlantEd COST Action explored mutually beneficial interactions.

Several peer-reviewed publications, grant applications and novel collaborations have resulted from this conference.

An MC meeting also took place at the end of the conference discussing new activities and reporting on past events organized by EPI-CATCH.