



DESERT ADAPT

PREPARING DESERTIFICATION AREAS FOR INCREASING CLIMATE CHANGE

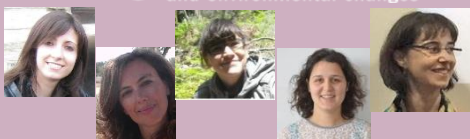
NEWSLETTER

LIFE16 CCA/IT/000011

| Issue 10 | Date: April 30th 2019

MEET THE PARTNERS: FCUL – Faculdade de Ciencias da Universidade de Lisboa (PT)

The Centre for Ecology, Evolution and Environmental Changes (cE3c) of the University of Lisbon is composed of 13 research groups nested into six thematic lines focused on Ecology, Evolution and Environmental Changes integrating life and climate sciences.



The FCUL team will provide an analysis of climate projections and drive the landowners in the selection and installation of growing aids.

To learn more on team member visit Desert-Adapt webpage and the University webpages

www.ce3c.ciencias.ulisboa.pt

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Climate projections

The FCUL Team simulated for each project site changes in the climate from 2016 to 2075 and provided results to partners in form of fact sheets including temperature, ref. evapo transpiration, total precipitation, number of wet days, relative humidity%, aridity index.

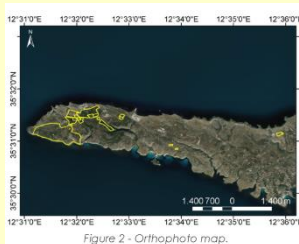


Figure 2 - Orthophoto map.

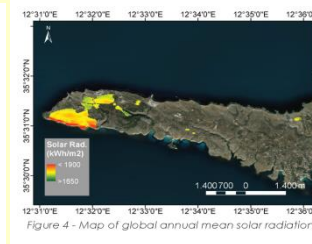


Figure 4 - Map of global annual mean solar radiation.

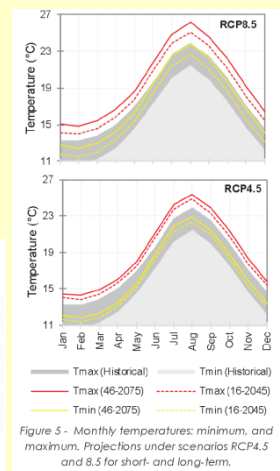


Figure 5 - Monthly temperatures; minimum, and maximum. Projections under scenarios RCP4.5 and 8.5 for short- and long-term.

Exploring the climate projections for a long-term period and incorporating them into the land use management is a crucial requirement for increasing adaptive capacity to the climate impacts. All the information will be displayed on the project webpage for each case study. You can follow all the results of the site analyses and implementation results for each landowners. Stay connected.

ANNOUNCEMENTS

- **Course “Introduction to Holistic Management and Advanced Planning of Pastures”** 24-26th May 2019 in Mertola (PT)
- **Course “Investigation and prevention of forest pest and diseases”** 28th May 2019 in Biological Park in Cabeça Gorda (PT)

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