

Special Issue

Olive Cultivars and Their Response to Climate Change

Message from the Guest Editor

Of the more than 1200 olive cultivars (*Olea europaea* var *europaea*) described so far, only 5% occupy more than 95% of our olive groves worldwide. The majority remain relegated to the germplasm banks of olive, many of them resistant to diseases or tolerant to drought, salinity or high temperatures. In the case of olive groves, it is essential to increase the biodiversity of such landscapes with new autochthonous olive cultivars not yet physiologically, agronomically, genetically and biochemically characterised. All these considerations would limit the number of consumables in the soil and promote a circular economy, with the reuse of olive grove waste to transform our landscapes into diverse and living ecosystems. Therefore, we must use our olive genetic resources in a responsible way in this century of climatic change. It is necessary to make possible the sustainability of fields, promote the quality of their oils, and encourage the circular economy and biodiversity to prevail over the varietal lack existing in the current ecosystems

Guest Editor

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Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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