

Workshop 1

Poster presentation

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On the spatial distribution of endemic vascular plants in Valencian Community (Eastern of Iberian Peninsula, Spain).

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Abstract

The knowledge of the general distribution of endemic, rare and threatened plants populations in the Valencian Community is summarized in a cartographic way based on 10 x 10 squared kilometer UTM projection, providing the optimization of different tasks in management and research.

The data of Valencian endemic plants (exclusive and shared with surrounding regions: plants groups A –58 species– and B –68 species–) are analyzed with SADIE statistical tools combined with GIS software in order to detect areas of plants richness.

Two basic areas has been recognized mainly related with the two centers of plant diversity described for the Valencian Community. The map generated by this analysis contributes to analyze the importance of criteria A(iii) and A(iv) to select the future IPAs in a regional level.