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## **Mapping to Support Decision Making in Beekeeping**

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### **Abstract**

An adequate beekeeping planning endures to profit from each region natural resources potential as well as preserve them.

The regional areas of Crato and Portalegre (Portugal), present good soil and climate conditions for the beekeeping practice. Regional natural vegetation is characterized by continuous and diverse flowering. The mentioned conditions promote an excellent honey quality production. The study area lies in a zone managed by Apilegre.

The present research follows previous studies developed by the same team which has the objective of integrating several biophysical parameters using a spatial analysis methodology to support apiaries installation decision making.

Regional maps indicating potential beekeeping and prohibited areas are important elements to support the beekeeping planning that can be improved with the integration of new variables, such as the influence of the use of pesticides in agriculture and the proximity to sources of electromagnetic radiation.