



**Simposio Internacional:** Microorganismos beneficiosos para la agricultura y la protección de la biosfera

**International Symposium:** Beneficial Microbes for Agriculture and Biosphere Protection

Madrid, 20 y 21 de mayo de 2013

Madrid, May 20-21, 2013

**CV**

## **José Miguel Barea**

The J. M. Barea's scientific career started in 1965 through the study of the activities of soil bacteria able to solubilize sparingly available phosphate and/or producing plant hormones to improve plant nutrition and growth. In 1973 he introduced the mycorrhizal research in Spain and contributed to increase knowledge and significance of these microbial-plant symbioses, to their application in sustainable agriculture and their use in restoration of degraded Mediterranean ecosystems. studying particularly the interaction between mycorrhiza and beneficial soil microorganisms showing a number of activities of great relevance for Environmental Protection.

He has published 250 experimental or review papers, and chapters in books dealing with basic, strategic and applied research, including field experiments carried out in collaboration with Industry. He has been Main Responsible Resercher/Coordinator of several Spanish, U.E., and regional Research Projects and Integrated Actions.

He has also been Director EEZ-CSIC (1989-1997), Deputy Director (1983-1989), Director of "The International Courses of Plant Biology" (UNESCO, AECl, CSIC, Univ of Granada), from 1998, Vice-Chairman (Europe) of Scientific Committee for COST Actions on Mycorrhiza, (1995-2005) (which integrate all mycorrhiza researchers in Europe).