

PROSODOL Highlights

PROSODOL developed

1. A soil monitoring system which, briefly includes the followings:
 - An optimized set of soil quality indicators
 - Threshold values for soil quality indicators
 - A GIS based tool for the Risk Assessment of the Sitting of OMW Disposal Areas
 - A system that enhances decision making regarding the suitability of soil for OMW disposal/application (i.e. a land application system) to ensure safe disposal/use/application of OMW on soil in the Mediterranean region
 - Guidelines for periodical soil quality monitoring
 - Software application tools for soil monitoring that will facilitate adoption of the monitoring system by authorities and individuals
 - A code of good practices for soil management.
2. A monitoring system for water bodies
3. Validated innovative methods for olive oil wastes analysis
4. Innovative soil remediation methods that have been never implemented before for Olive Mill Waste disposal areas, i.e. bioremediation and zeolite addition
5. Guidelines for the control use of Olive Mill Wastewater for olive trees irrigation
6. A field OMW pre-treatment unit
7. Legislative proposal for the sustainable management of Olive Mill Wastes and the protection of soil quality.

PROSODOL published

- “Good practices for the agronomic use of olive mill wastes” (in English, in Greek, in Italian and in Spanish)
- “Strategies to improve and protect soil quality from the disposal of Olive Oil Mill Wastes in the Mediterranean region: Results and Achievements of a 4-year demonstration project – What to consider; What to do” (in English)
- “Integrated Strategy of actions, measures and means suitable for Mediterranean countries” (in English, in Greek, in Italian and in Spanish)
- Proceedings of the final Symposium entitled “Olive oil mill wastes and Environmental protection” 16-18 October 2012, Chania, Greece.