SALTMED Workshop

Sustainable capacity building program was delivered within the Water4Crops project in order to develop the specific skills required to deal with the increasing water scarcity. Therefore, two training events on SALTMED model were organized: one workshop took place in Bengaluru, India; the other was held in Montpellier, France. The SALTMED model is a management tool that helps managing irrigation, crops, field and Nitrogen Fertilizer using fresh and saline water.

SALTMED Workshop in Bengaluru, India

The SALTMED Workshop held at the Capitol Hotel in Bengaluru, India on May 29th 2014 was very successfully, Dr. Yüce Süleyman, S.T.E.P., opened the workshop and gave a brief introduction to the 22 participants. Dr. Ragab Ragab, Centre for Ecology and Hydrology, CEH, Wallingford, UK, developer of the SALTMED model, then gave an overview of his model and instructions for installing the SALTMED software program on the laptops of the participants.*

The SALTMED workshop in Montpellier was successfully hosted by Sup-Agro, on October 12th 2015. During the half-day training session, Dr. Ragab Ragab explained the theoretical background of the SALTMED model and gave an overview of simulation studies that used the SALTMED model; like irrigation with saline water in Bologna and Denmark and with treated domestic wastewater in Morocco, greenhouse experiments in Adana, and many other case studies on several field crops including Quinoa and Amaranth under a variety of climatic conditions.*

Conclusions

- Successful capacity building in the form of SALTMED Workshops took place in Europe and in India.
- All workshop attendees were taught how to install and run the SALTMED Model.
- The basics of soil hydraulics, evapotranspiration and plant water uptake, and the difference between water use efficiency and crop productivity were explained.

*For more information please find the complete reports at Water4Crops Homepage: [http://www.water4crops.org/](http://www.water4crops.org/)