

Researcher exchange between CEAM and RCEES China

October 2014

For the second year, collaboration between CEAM and the Research Center for Eco-Environmental Sciences (RCEES) of Beijing has been strengthened thanks to EU project AMIS (Fate and Impact of Atmospheric Pollutants).

Chinese researchers have carried out a stay at CEAM in order to study the effects of ozone in interaction with nitrogen on various Mediterranean crops. The experiment was carried out under controlled conditions in the Open Top Chamber facility of CEAM. These chambers are used to expose plants to different ozone levels, both below ambient concentrations, and at ambient and higher concentrations, to study their responses in terms of photosynthetic activity and crop production.



CEAM researchers have also visited RCEES in China and contributed to several experiments in order to study the sensitivity of Chinese plants to ozone. A poplar clone with high sensitivity to this pollutant has been identified. It could be used in the future as a bioindicator. In 2015, it is expected that this cooperation is further intensified.

