

The CEAM works with the City of Teruel in environmental education activities using ozone bioindicator plants and in the evaluation of CO₂ emissions

November 2013

The CEAM will implement two actions within the LIFE + project "Recovery of the Natural Periurban Area Las Arcillas: Sustainable Environmental Balance", led by the city of Teruel. One action is aimed at measuring ambient ozone levels and assessing their impact on vegetation. Several ozone-sensitive plants such as the poplar clone "Oxford" and the variety of tobacco Bel W3 will be used. Both plants develop characteristic injury on their leaves after being exposed to ambient concentrations of this pollutant. Bioindicator plants will be exposed in different parts of the city and in its suburban area. It will also be used in environmental education activities involving different schools; for this, specific educational materials will be developed. Another action will deal with the evaluation of the potential impact on CO₂ emissions from traffic as a result of the implementation of the project. As part of this contribution, a tool to promote the concept and use of the carbon footprint in schools will be developed. These activities will take place between 2013 and 2015 .



Ozone-induced visible injury in a tobacco Bel W3 leaf