Welcome to MOTTLES

MOonitoring ozone injury for seTTing new critical LEvelS

The ozone (O3) produced by human activity is a harmful greenhouse gas, not only for human health, but also for forests. European standards to protect vegetation from this air pollutant are currently based on O3 concentration in the atmosphere, but ozone uptake into a leaf is controlled by leaf stomata. There is consensus in science that policy makers should implement new thresholds based on how much ozone, effectively, comes into the leaves. Hence, the LIFE project MOTTLES (LIFE15 ENV/IT/000183) establishes a long-term monitoring strategy in three EU countries (Italy, Romania and France) in order to produce new scientifically-based critical levels for forest protection against O3.

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European Countries involved in the project: France, Italy and Romania
Coordinating Beneficiary: Consiglio Nazionale delle Ricerche (CNR, IT)
Partners: ACRI-HE (FR); Council for Agricultural Research and Economics – Soil-Plant System (CREA, IT); Groupe International d'Etudes des Forêts Sud-européennes (GIEFS, FR); Institutul Naţional de Cercetare Dezvoltare în Silvicultură ”Marin Drăcea” (INCDS, RO)

Start date: 01/07/2016
End date: 30/06/202

Find more information on our website mottles.ipsp.cnr.it

Main events related to the MOTTLES Project:

8-10 September, 2016: MOTTLES Kick-Off Meeting, Bucharest (Romania)
Read more...

12 September, 2016: Course on tree crown defoliation assessment, Brasov (Romania)
Read more...

13-15 September, 2016: ICP Forests Intercalibration course on ozone visible foliar injury, Brasov (Romania)
Read more...

28 – 30 September, 2016: 4th Forum Carpaticum. Future of the Carpathians: Smart, Sustainable, Inclusive, Bucharest (Romania)
Link to the program

7 October, 2016: LIFE15 Kick-off meeting ENV Resource Efficiency /Waste 2, EASME, Brussels (Belgium)
Link to the program

24 November, 2016
“OZONO E VEGETAZIONE: IL CONTRIBUTO DELLA RICERCA ITALIANA (dieci anni dopo ...)”
Dipartimento di Scienze Agrarie, Alimentari e Agro-ambientali, Pisa (Italy)
Link to the program