

## Newsletter 1

### In this issue - January 2017

This issue of our newsletter presents the MOTTLES project and its first events

#### Welcome to MOTTLES

#### MOonitoring ozone injury for seTTing new critical LEvels

The ozone (O<sub>3</sub>) 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 O<sub>3</sub> 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 O<sub>3</sub>.

MOTTLES is funded by the programme LIFE 2015 under the sub-programme Environment and Resource efficiency.

**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 Național de Cercetare Dezvoltare în Silvicultură "Marin Drăcea" (INCDS, RO)

Start date: 01/07/2016

End date: 30/06/2022

Find more information on our website [mottles.ipsp.cnr.it](http://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 Carpathicum. 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](#)