



Symposium on complex forest structures

Museo Nacional de Ciencias Naturales (Madrid)

April 13th, 2023

Time (CET)	Presentations
9:00-10:00	<ul style="list-style-type: none"> Icebreaking and Welcome COMFOR-SUDOE. Complex forests, our allies (Andrés Bravo-Oviedo, MNCN, CSIC – IUFRO RG 1.09)
10:00-11:30	<ul style="list-style-type: none"> How should we measure complexity in a complex forest? Keynote speaker: Mark J. Ducey, University of New Hampshire, USA – IUFRO RG 1.09 Forest types of the Iberian Peninsula (Léonia Nunes, ISA) Characterization of mixed forests in Portugal (Thanh Phuong Nguyen, ISA) Methodology of classification of complex forests using LiDAR data (Jorge Olivar, Agresta) Methodology for 3D reconstruction of complex forests using TLS and photogrammetry (Agresta, UVA)
11:30-12:00	<i>Coffee break and leg stretching</i>
12:00-13:30	<ul style="list-style-type: none"> Temporal stability of productivity in mixed vs. pure stands Keynote speaker: Miren del Río, INIA, CSIC, Spain – IUFRO RG 1.09 The FORMIX network: reconcile productivity and research in a long-term network of experimental mixed plantations (Benoît de Guerry, IEFC) Transformation methods to increase forest complexity in southwest Europe: the COMFOR network (Andrés Bravo-Oviedo, MNCN, CSIC) Experimental sites on complex forests in Portugal (Susana Barreiro, ISA) <i>Online:</i> Experimental designs to insight one early mixed forest plantations development (Felipe Bravo, iuFOR, University of Valladolid) Smartelo, an app to help marking trees in marteloscopes (Cristóbal Ordóñez, iuFOR, University of Valladolid)
13:30 – 15:00	<i>Lunch. Visit to the COMFOR-SUDOE Exhibition.</i>
15:00-16:30	<ul style="list-style-type: none"> Mixed forests to the rescue? Fostering resilience in Western Canada. Keynote Speaker (online): Ignacio Barbeito, University of British Columbia, Canada



- Valuation of Complex Forest. A bundle of opportunities (David Álvarez, Ecoacsa)
- Social meaning of complex forests (Fatima Cruz, iuFOR, University of Valladolid)
- Resistance of mixed forests to non-native pests (Hervé Jactel, INRAE)
- Mixed *Quercus suber* and *Pinus* stands forests: management for products valorization, biodiversity and forest fires prevention (CorkNut project) (Alexandra Correia, ISA)
- Good practice guidelines for fire risk integration in complex forest management (José Luis Tomé, Agresta)

16:30-18:00 Round table and conclusions

Strong sustainability of complex forests: Social, ecological and economic interdependence of ecosystem services

Presentation of the COMFOR-SUDOE participatory process (Pilar Valbuena, ITAGRA)



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