



# BIOECOSYS

FINAL CONFERENCE

DECEMBER 6<sup>TH</sup> 2021

## PROGRAMME



**8H30**

**WELCOME - SALA DE ATOS**

**9H00**

**Opening address**

Borges, J.G. (Bioecosys PI), Brito, A. (ISA President), Pereira J.M (CEF coordinator), Carlos Fonseca (Forestwise)

**9H20**

**Borges, J. G.**

Introduction to Bioecosys, Modfire & Nobel projects

**SESSION I – Science perspectives | Expert panel: International Keynote Speakers**

**Advanced decision support systems and web-based platforms - What science can contribute to forest Ecosystem services?**

**9H35**

**Vacik, H. | Univ. BOKU (Austria)**

Tools and methods in supporting forest management for multiple ecosystem services

**10H05**

**Knoke, T. | T. Univ. Munich (Germany)**

Potential and limitations of robust optimization of multiple objectives in forest management

**10H35**

**COFFEE BREAK - Atrium sala de atos**

**11H00**

**Abildtrup, J. | INRAE (France)**

Paying forest owners for environmental services: Potential and challenges

**11H30**

**Garcia-Gonzalo, J. | CTFC (Spain)**

Innovative tools to support forest management considering multiple ecosystem services

**12H00**

**Tóth, S. | Univ. Washington (USA)**

Impacts of Climate Change on the Tradeoffs Behind Competing Ecosystem Services

**12H30**

**LUNCH TIME - FREE**

## SESSION II – Practical Session and Recent Innovations

### Demonstration of advanced tools to design Ecosystem management planning scenarios & market mechanisms for payment of ecosystem services

14H00

**Botequim, B. | ISA Univ. LISBOA**

Forest ecosystem resource capability models for multiple objective and joint collaborative management in Portugal

14H20

**Marques, S. & Bushenkov, V. | ISA Univ. Lisboa & Univ. Évora**

Building Pareto Frontiers for Ecosystem Services Tradeoff Analysis in Forest Management Planning

14H50

**Sottomayor, M. | U. C.P. Porto**

Ecosystem services valuation and payment | Forest ecosystem services auctions platform demonstration

### RECENT INNOVATIONS

15H20

**Eloy, E. et al. | Univ. Évora**

A Constraint Modeling Approach for Forest Management

15H30

**Martins, I. et al. | ISA Univ. LISBOA**

A variable fixing approach to address clearcut size constraints in forest management with multiple harvests

15H40

**Mesquita, M. & Constantino, M. | ISA Univ. Lisboa & FCUL Univ. LISBOA**

Forest Road Network Optimization

15H50

**Ferreira, L. et al. | I. P. Leiria**

Integrating wildfire resistance and clearcut constraints into a forest ecosystem management approach

16H00

**Q&A session**

16H30

**WORLD CAFE - ISA Main Building**

17H00

**Closing: Borges, J. G.**



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