



The International Conference on Silvicultural Management for Edible Mushroom Producing Forests is a workshop organised by the Forestry Research Centre Valonsadero (government of Castilla y León) in the framework of the Interreg IVB SUDOE Micosylva project. It aims to promote multifunctional and sustainable forest management in Europe, integrating and enhancing ecological and socioeconomic functions of edible wild mushrooms.

Mycorrhizal fungi provide great benefits to trees (facilitation of water and nutrient uptake, growth hormone generation, protection against pathogens), and also represent an important socio-economic resource in rural forest areas for harvesting, marketing, processing, mycotourism and other new economic activities related with its use.

Recent scientific advances allow us to improve silvicultural models and to integrate mycological resources in forest management in the same way as other forest resources. Therefore, it is very important to provide forest managers with criteria for forest management taking into account the ideal conditions for development of both trees and edible wild mushrooms, especially in a context of climate change.

## — OBJECTIVES

This Conference will take place from 9th-11th June in Valladolid. It is mainly addressed to European forest practitioners and managers and it aims for the following objectives:

To raise the awareness of environment managers about the ecological and socioeconomic importance of the fungi-forest interaction.

To transfer the latest scientific findings in mycosylviculture to environment managers and suggest new tools for diagnosis and planning that guarantee fungal conservation and diversity.

To announce the results of the Myas RC project and its future challenges in regulation and commercialisation.

To organise the members of the Working Group on Forest Mycology and Truficulture of the SECF to address significant challenges.

## — LANGUAGES

There will be simultaneous translation in Spanish-French-English. Seating is limited to 200 people. The whole conference will be recorded in the three official languages and will be freely available at [www.micosylva.com](http://www.micosylva.com).

### — HOW TO GET THERE



Salón de Actos de la Consejería de Medio Ambiente de la Junta de Castilla y León

C/ Rigoberto Cortejoso, 14. Valladolid. Castilla y León. España.

### — CONTACT

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# INTERNATIONAL CONFERENCE

## ON SILVICULTURAL MANAGEMENT FOR EDIBLE MUSHROOM PRODUCING FORESTS.

Final Seminar of the European Project [www.micosylva.com](http://www.micosylva.com)

ORGANIZED BY  
Centro de Investigación Forestal de Valonsadero.  
Junta de Castilla y León.

VALLADOLID. Castilla y León (SPAIN). 9-11.JUNE.2011

Salón de Actos de la Consejería de Medio Ambiente de la Junta de Castilla y León  
C/ Rigoberto Cortejoso, 14



## — 09 THURSDAY

### 09.00 WELCOME RECEPTION AND DOCUMENTATION.

### 09.30 SYMPOSIUM 1. ECONOMIC IMPORTANCE OF MYCOLOGICAL RESOURCES.

Convenor: Gregorio Montero.  
CIFOR-INIA.

### 09.30 Edible wild fungi as a source of rural development.

Mario Honrubia.  
University of Murcia.

### 10.00 Edible wild fungi in Europe: an economic and commercial reality.

Luis Díaz-Balteiro.  
Polytechnic University of Madrid.

### 10.30 Mycotourism in Castilla y León.

Pablo de Frutos.  
University of Valladolid.

### 11.00 KEYNOTE SPEECH

### 11.30 COFFEE BREAK

### 12.00 SYMPOSIUM 2. THE ROLE OF WILD FUNGI IN THE FOREST ECOSYSTEMS.

Convenor: Jean Garbaye.  
INRA-Nancy, France.

### 12.00 Between soil and forest: fungi.

Marie-France Gévy.  
University of Laval, Québec, Canada.

### 12.30 Development cycles of superior fungi.

Ana de Miguel.  
University of Navarra.

### 13.00 Mycorrhizas and forest health.

Helena Machado.  
INRB, Portugal.

### 13.30 LUNCH BREAK

### 15.00 SYMPOSIUM 3: APPLICATION OF MOLECULAR TECHNIQUES IN THE RESEARCH OF THE ECOLOGY AND DIVERSITY OF MACROMYCETES.

Convenor: Mario Honrubia.  
University of Murcia.

### 15.00 The revolution of molecular techniques in fungi research: explored fields and future directions.

M<sup>a</sup> Paz Martín.  
Real Jardín Botánico de Madrid (CSIC).

### 15.30 The evaluation of fungal structures in the soil: the quantitative PCR.

Xavier Parladé.  
IRTA-Catalonia.

### 16.00 Functional diversity of ectomycorrhizal fungi communities.

Jean Garbaye.  
INRA-Nancy, France.

### 16.30 Open debate for the members of the Working Group on Forest Mycology and Truficulture.

### 17.00 COFFEE BREAK

### 17.30 SYMPOSIUM 4: NEW PERSPECTIVES IN THE CULTIVATION OF MYCORRHIZAL FUNGI.

Convenor: Xavier Parladé.  
IRTA-Cataluña.

### 17.30 Experiences of the cultivation of *Terfezia* sp.

Asunción Morte.  
University of Murcia.

### 18.00 Progress and challenges in the cultivation of truffles.

Carlos Colinas.  
University of Lleida.

### 18.30 Open debate for the members of the Working Group on Forest Mycology and Truficulture.

### 19.30 Meeting of the members of the Working Group on Forest Mycology and Truficulture (SECF).

Convenor: Fernando Martínez-Peña.  
CIF Valonsadero-Junta de Castilla y León.

## — 10 FRIDAY

### 09.00 PRESENTATION AND RESULTS OF THE PROJECT MICOSYLVA

09.00 Strategy, objectives, partnership, structure.  
Fernando Martínez-Peña.  
CIF Valonsadero-Junta de Castilla y León.

### 09.30 The European Network of Micosylvodemonstrative Areas.

Jean Rondet.  
EPLEFPA Ministère d'Agriculture- France.

### 10.00 Mycosylviculture handbook.

Beatriz Águeda.  
CIF Valonsadero-SOMACYL.

### 10.30 Educational and awareness programme and tools for mycosylviculture.

Maria Bastidas.  
ADPM, Portugal.

### 11.00 COFFEE BREAK

### 11.30 SYMPOSIUM 5: MYCOSYLVICULTURE FOR THE PRESERVATION OF MUSHROOMS PRODUCTION AND DIVERSITY.

Convenor: David Pilz.  
PilzWald-Forestry Applications of Mycology, USA.

### 11.30 Mycosylviculture of *Lactarius deliciosus*-producing pinewoods in Catalonia.

Juan Martínez de Aragón.  
CTF-Catalonia.

### 12.00 Mycosylviculture of truffle-producing forests.

Santiago Reyna.  
Polytechnic University of Valencia.

### 12.30 Influence of thinning treatments and climate change on mushroom production and diversity.

Simon Egli.  
WSL, Switzerland.

### 13.00 Mycosylviculture and multifunctionality of forests.

Juan Andrés Oria de Rueda.  
University of Valladolid.

### 13.30 LUNCH BREAK

### 15.00 SYMPOSIUM 6: DIAGNOSIS AND PLANNING OF THE MYCOLOGICAL RESOURCES.

Convenor: Luis Díaz-Balteiro.  
Polytechnic University of Madrid.

### 15.00 Regional diagnosis of the mycological resources.

Jorge Aldea.  
CIF Valonsadero-SOMACYL.

### 15.30 Mycosilvicultural diagnosis at the forest scale: comparative cases of the European Network of Micosylvodemonstrative Areas.

Laurent Rigou.  
CAHP, France.

### 16.00 The Dordogne Forest: mycosylvicultural management proposals.

Nathalie Seegers.  
CAD, France

### 16.30 Modelling mushroom production and its economic value in forest management.

José Antonio Bonet.  
University of Lleida

### 17.00 COFFEE BREAK

### 17.30 Round-table discussion: Integrating mycological resources in forest management.

Convenor: José Antonio Bonet.

### 18.30 Proposal of Master's degree in Forest Mycology-Mycosylviculture and rural development.

Convenor: Mario Honrubia.  
Universidad de Murcia.

### 19.00 Setting-up of the Transnational Working Group Micosylva for the sustainability of mycological resources.

Convenor: Fernando Martínez-Peña.  
CIF Valonsadero-Junta de Castilla y León.

## — 11 SATURDAY

### 09.00 PRESENTATION AND RESULTS OF THE PROJECT Myas RC.

09.00 Presentation and showing of the promotional video of the Project Myas RC.  
Arturo Esteban.  
Cesefor Foundation.

### 09.30 Outcome of the programme on coordination and management of the project Myas RC.

Álvaro Picardo.  
CMA-Junta de Castilla y León.

### 10.00 Outcome of the programme on the knowledge and diagnosis of mycological resources.

Jaime Olaizola.  
ECM Ingeniería Ambiental.

### 10.30 Outcome of the programme on the regulation of edible mushrooms.

Teresa Ágreda.  
CIF Valonsadero, Junta de Castilla y León.

### 11.00 COFFEE BREAK

### 11.30 PRESENTATION AND RESULTS OF THE PROJECT Myas RC (CONT.)

### 11.30 Outcome of the programme on education, promotion and mycotourism.

Teresa Ágreda.  
CIF Valonsadero, Junta de Castilla y León.

### 12.00 Outcome of the programme on commercialisation: Quality branding "Mushrooms of Castilla y León".

Arturo Esteban.  
Cesefor Foundation.

### 12.30 The role of www.micodata.es as a tool for the regulation and promotion of mycological resources in Castilla y León.

Rodrigo Gómez.  
Cesefor Foundation.

### 13.00 The role of mycological associations in the project Myas RC.

Santiago de Castro.  
FAMCAL.

### 13.30 LUNCH BREAK

### 15.00 SYMPOSIUM 7: REGULATION AND COMMERCIALISATION.

Convenor: Álvaro Picardo.  
CMA Junta de Castilla y León.

### 15.00 The opinion of private owners on regulation of mycological resources in Castilla y León.

Pedro Medrano.  
ASFOSO.

### 15.30 Regulation and commercialisation of mycological resources in the USA.

David Pilz.  
PilzWald-Forestry Applications of Mycology, USA.

### 16.00 The Cussta program in Andalusia

Baldomero Moreno.  
Junta de Andalucía.

### 16.30 The mycological Park Ultzama.

Javier Gómez.  
Ayuntamiento de Ultzama.

### 17.00 COFFEE BREAK

### 17.30 Round-table discussion: Regulation and commercialisation of edible wild mushrooms.

Convenor: Arturo Esteban.  
Cesefor Foundation.

### 19.00 CONCLUSIONS AND CLOSING CEREMONY.