



## GID - CIHEAM - Parmenides X Conference

Chania – Greece, October 24, 25 and 26, 2023

*Preliminary program (Version of 23 October 2023)*

***Trees and forests facing global changes:  
Mediterranean countries at the forefront***

**October 24, 2023**

### Opening speech

- 9:30 a.m. **George BAOURAKIS**, director of CIHEAM Chania
- 9:40 a.m. **Catherine BRECHIGNAC**, President of the GID
- 9:50 a.m. **Frida KRIFCA**, President of CIHEAM Governing Board
- 10:00 a.m. **Panagiotis SIMANDIRAKIS**, Mayor of Chania

***Break - 15 minutes***

### Opening session - Challenges of Mediterranean forests in the context of climatic and societal changes

Moderator: **Roberto BASSI** (GID, National Academy of Lincei)

Rapporteur: **Michèle GENDREAU-MASSALOUX** (Vice-president of the GID)

- 10:25 a.m. *A hot region that is getting warmer.*  
**Riccardo VALENTINI** (Univ. of Tuscia, Viterbo / CMCC)
- 10:50 a.m. *Maghreb forests: a specific socio-demographic context and an ancient cultural heritage facing new social expectations.*  
**Omar BESSAOUD** (CIHEAM Montpellier / French Academy of Agriculture)
- 11:15 a.m. *A rapidly evolving demographic, socio-economic and cultural context in the north of the Mediterranean.*  
**Guillaume SAINTENY** (Blue Plan/ French Academy of Agriculture)

- 11:40 a.m. *Taking into account Mediterranean climatic and societal challenges through teaching and research.*  
**Elies HAMZA** (Former Minister of Agriculture of Tunisia / IRESA<sup>1</sup>).
- 12:05 p.m. *Testimony on forestry issues beyond the Mediterranean: the Great Green Wall: an extraordinary project.*  
**Gilles BOËTSCH** (Former President of the Scientific Council of CNRS<sup>2</sup>)
- 12:30 p.m. General debate of the opening session.

**Lunch break 1 p.m. - 2:40 p.m.**

## **Session 1 - Strengthen Mediterranean forest ecosystems and their potential to evolve**

Moderator: **Giovanbattista DE DATO** (*Silva Mediterranea* / FAO)

Rapporteur: **Chariton KALAITSIDIS** (CIHEAM Chania)

### **Round table 1.1 - Remarkable Mediterranean forest ecosystems but underpressure**

- 2:10 p.m. *The distribution of Mediterranean forest and tree resources.*  
**Giovanbattista DE DATO** (*Silva Mediterranea* / FAO)
- 2:20 p.m. *Mediterranean forests: biodiversity with high potential.*  
**Magda BOU DAGHER KHARRAT** (EFIMED<sup>3</sup> / French Academy of Agriculture)
- 2:30 p.m. Round table debate 1.1.

### **Round table 1.2 - What lessons can be learned from past successes and failures?**

- 3:00 p.m. *The Algerian green dam.*  
**Hocine AOUADI** (General Directorate of Forests, Algeria)
- 3:10 p.m. *The Moroccan experience in the fight against desertification.*  
**Amar RABHI** (National Agency for Water and Forests of Morocco)
- 3:20 p.m. *Adaptation measures in Mediterranean agroforestry systems under risk of desertification: the experience Desert-Adapt.*  
**Simona CASTALDI** (Univ. of Campania "Luigi Vanvitelli")
- 3:30 p.m. Round table debate 1.2.

**Break - 30 minutes**

### **Round table 1.3 - The keys to success for the strengthening of Mediterranean forest ecosystems.**

- 4:30 p.m. *Ecosystem monitoring based on innovative tools.*  
**Virginia GARCIA** (Univ. Malaga, Spain)
- 4:40 p.m. *Promote the genetic diversity of forest ecosystems.*  
**François LEFEVRE** (French Academy of Agriculture, INRAE<sup>4</sup> Avignon, France)

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<sup>1</sup> Institution of Agricultural Research and Higher Education in Tunisia.

<sup>2</sup> National Center for Scientific Research of France.

<sup>3</sup> Mediterranean Regional Facility of the European Forest Institute

<sup>4</sup> National Research Institute for Agriculture, Food and the Environment

- 4:50 p.m. *Adaptive eco-hydrological and post-fire forest restoration strategies Mediterranean in a context of climate change.*  
**Antonio DEL CAMPO** (Univ. Polytechnic of Valencia, Spain)
- 5:00 p.m. *Financing: a key factor in restoring ecosystems in the Sahel and Maghreb.*  
**Birguy LAMIZANA DIALLO** (UNCCD<sup>5</sup> / Accelerator of the Great Green Wall).

5:10 p.m. Round table debate 1.3.

**October 25, 2023**

## **Session 2 - Optimize synergies between sectors of activity and Mediterranean forest goods and services**

Moderator: **Guillaume SAINTENY** (French Academy of Agriculture)

Rapporteur: **Julio URRUELA-ROQUERO** (CIHEAM)

### **Round table 2.1 - Trees and forests: multiple services to be valued globally.**

- 9:00 a.m. *Contribution of Mediterranean wooded areas to the regulation of climate.*  
**Giuseppe SCARASCIA MUGNOZZA** (Univ. of Tuscia, Viterbo)
- 9:10 a.m. *From water to land: understanding the impact of Mediterranean trees and forests on water regulation and soil conservation.*  
**Jean ALBERGEL** (French Academy of Agriculture)
- 9:20 a.m. *Impacts on public health of forest ecosystems and their degradation.*  
**Julio PEDROZA-TORIBIO** (Pan American Health Organization/World Health Organization)
- 9:30 a.m. *Preventing forest fires to combat the greenhouse effect.*  
**Edoardo ESPOSITO** (Oikos Institute, Milan)
- 9:40 a.m. Round table debate 2.1.

### **Round table 2.2 - A Mediterranean forest bioeconomy still to be invented.**

- 10:00 a.m. *Significant forest production of materials.*  
**Jean-Luc PEYRON** (French Academy of Agriculture)
- 10:10 a.m. *Fruits with oils: olive, carob, argan.*  
**Nabil ASSAF** (FAO Jordan)
- 10:20 a.m. *What Mediterranean forest bioeconomy?*  
**Abdelhamid KHALDI** (INRGREF<sup>6</sup>, INAT<sup>7</sup>, AIFM<sup>8</sup>, French Academy of Agriculture).
- 10:30 a.m. Round table debate 2.2.

**Break - 30 minutes**

<sup>5</sup> United Nations Convention to Combat Desertification

<sup>6</sup> National Research Institute of Rural Engineering, Water and Forests of Tunisia

<sup>7</sup> National Agronomic Institute of Tunisia

<sup>8</sup> International Association of Mediterranean Forests

### **Round table 2.3 - Land use planning favoring trees in rural or urban areas and preventing forest fires.**

- 11:30 a.m. *Agroforestry and silvo-pastoralism: a vision of the "Montado"*.  
**Elvira SALES-BAPTISTA** (Univ. Evora, Portugal)
- 11:40 a.m. *Connecting environment and society through ecotourism and eco-cities*.  
**Samiha KHELIFA BEDHIOUFI** (Univ. from Manouba, Tunisia)
- 11:50 a.m. *Preventing forest fires as part of land use planning*.  
**Ümit THURAN** (General Directorate of Forests of Türkiye, President of *Silva Mediterranea*)
- 12:00 p.m. Round table debate 2.3.

**Lunch - 12:30 p.m. - 2 p.m.**

### **Session 3 - Responding to the climatic and societal challenges facing Mediterranean forests**

Moderator: **Magali MAIRE** (CIHEAM Montpellier)

Rapporteur : **Antonio LOPEZ-FRANCOS** (CIHEAM Zaragoza)

#### **Round table 3.1 - Climate and societal challenges: drivers for innovation.**

- 14 p.m. *Adaptation to climate change: a subject of technical and social innovation*.  
**Mohamed TARHOUNI** (Arid Regions Institute, Tunisia)
- 14:10 p.m. *Towards an improvement in the dialogue between forest and society*.  
**Christine FARCY** (Expert in international forestry policy at the Public Service of Wallonia, Belgium)
- 14:20 p.m. *Sustainable development strategies for protected areas: a case study of Samaria National Park, Crete, Greece*.  
**George FAKOTAKIS** (CIHEAM Chania)
- 14:30 p.m. Round table debate 3.1.

#### **Round table 3.2 - Education: towards new skills and the crafts of tomorrow.**

- 3 p.m. *Sustainable management of Mediterranean forests cannot be conceived without engaging in the training of young people*.  
**Yossef BEN MEIR** (High Atlas Foundation, Morocco)
- 3:10 p.m. *Training needs in forest sciences in the Mediterranean*.  
**Eduardo ROJAS BRIALES** (Polytechnic Univ. of Valencia, Spain / CIHEAM Advisory Committee)
- 3:20 p.m. *The forest and the Mediterranean youth*.  
**Lucia RIVERA LIMA** (Mediterranean Youth Working Group / FAO).
- 3:30 p.m. Round table debate 3.2.

**Break - 30 minutes**

#### **Round table 3.3 - Cooperation makes strength**

- 4:30 p.m. *Silva Mediterranea: 100 years of forestry cooperation serving Mediterranean forests.*  
**Giovanbattista DE DATO** (Silva Mediterranea, FAO)
- 4:40 p.m. *The research agenda forestry Mediterranean.*  
**Magda BOU DAGHER KHARRAT** (EFIMED, French Academy of Agriculture)
- 4:50 p.m. *The Mediterranean cooperation and the Union for the Mediterranean (UfM).*  
**Michèle GENDREAU-MASSALOUX** (Vice-president of the GID)
- 5 p.m. *The International Association of Mediterranean Forests (AIFM) in regional cooperation.*  
**Abdelhamid KHALDI** (INRGREF Tunisia, INAT, AIFM, French Academy of Agriculture).
- 5:10 p.m. *Elements for reflection regarding international cooperation on Mediterranean forests.*  
**Placido PLAZA** (French Academy of Agriculture).
- 5:20 p.m. Round table debate 3.3.

*After the last session, a visit to the “Garden of Peace” is proposed to participants. Hosted by the CIHEAM Chania Institute, the garden is composed of a collection of olive trees from Mediterranean countries to convey a message of peace and dialogue.*

**October 26, 2023**

#### **Session 4 - Synthesis, conclusions and recommendations**

Moderator : **Jean-Paul LANLY** (French Academy of Agriculture)

Rapporteur : **Thierry CHAMBOLLE** (French Academy of Technology)

- 9:00 a.m. Summary of the work by the rapporteurs of the four sessions (40 minutes).
- 9:40 a.m. Debate (30 minutes).

#### **Conclusions and recommendations for research, education, public policy and management**

- 10:10 a.m. **Jacques BRULHET**, honorary President of the French Academy of Agriculture.
- 10:30 a.m. **Teodoro MIANO**, Secretary General of CIHEAM.

#### **11 a.m. - 5:00 p.m. Field visit to the Samaria Gorges National Park**

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