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BRUMMANA, LEBANON

2019

01 - 05 April

BOOKLET FOR PARTICIPANTS

Role of Mediterranean forests in the Paris Agreement

The Sixth Mediterranean Forest Week



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VI MFW


@ Carolina Gallo
@ Pilar Valbuena

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Message from the host

The location of Lebanon with his over 210 km long coastal strip overlooking the Eastern shore of the Mediterranean Sea have shaped his forests in a unique way.
In this period of political and economic challenges, a growing proportion of people are turning towards those valuable renewable resources for timber and for the wide array of Non-wood Forest Products (NWFPs) provided by the biodiversity and richness of our forests.

Besides generating food and income for the locals' livelihoods, Mediterranean forests stand in the first line of defense in the war against climate change.
The rates of climate change observed in the Mediterranean Basin exceed the global trends. The impact is further aggravated by the already existing environmental problems caused by major threats namely urbanization, increasing pollution, political wars, agricultural conversion and intensification, overgrazing, fires, and pests. These challenges are becoming more than what one country can face alone.

In this context, and under the title "Role of Mediterranean Forests in the Paris Agreement: challenges and opportunities", we invite you all, decision-makers, researchers, foresters, students and all forests loving members of our neighboring countries to this platform in order to highlight the importance of our Mediterranean forests in what it can contribute to improve the human wellbeing.
Embracing this global issue unified will result in a significant output. Only with cooperation we can make a difference.

It is with great honor that Lebanon is organizing the sixth edition of the Mediterranean Forest Week, as it is a dear opportunity for us to warmly welcome you in our beautiful country, in Brummana, a forested area of Mount Lebanon, where we chose to hold this get-together to give you a glimpse of our forests, wishing all of us a fruitful and successful meeting.

Dr. Hassan Lakiss
Minister of Agriculture




@ Pilar Valbuena

Role of Mediterranean forests in the Paris Agreement

Agenda

Monday 01

09:00 Registration

10:30 Session 23 Committee SM and 6 MFW: Opening Ceremony
Theater

11:20 Coffee break

11:50 Opening ceremony – Presentation of context and program
Theater

13:00 Lunch

14:30 6 MWF Plenary Session 1: Where we stand – Global commitments, NDCs in Mediterranean countries
Afrah room

16:30 Coffee break

17:00 Side event: Monitoring SLM in Turkey
Ball room

Side event: The Paris Agreement in action, upscaling FLR
Afrah room

Side event: Conservation of forest genetic diversity
Cigar room

18:30

Tuesday 02

09:00 Session 23 Committee SM: Closed meeting
Cigar room

6MFW Parallel Session: Biodiversity for resilience
Afrah room

6MFW Parallel Session: Social innovatio
Ball roon

10:30 Coffee break

11:00 6 MFW Plenary Session 2: Forest-based solutions – Link with other sectors (water, cities, biodiversity)
Afrah room

13:00 Lunch

14:30 6 MFW Plenary Session 3: Creating value for nature and people with NWFP. Participatory approaches
Afrah room

16:00 MFW Session on communication
Afrah room

16:40 Coffee break

17:00 Side event: Forest fires
Afrah room

Side event: Land use values for resilient communities
Ball room

Side even Forests and mas tourism impact
Cigar roo

18:30

Local products degustation (all day long)

Wednesday 03

07:00

Field trip (lunch included) Mixed forest with *Cedrus libani*. Nature Reserve of Horsh Ehden

18:30

Thursday 04

09:00

Session 23 Committee SM: Working group activities
Afrah room

10:30 Coffee break

11:00

6 MFW Plenary Session 4: Enabling conditions – Monitoring (what, why, synergies)
Afrah room

13:00 Lunch

14:30

6 MFW Plenary Session 5: Scaling up – Climate financing, current opportunities and recent developments
Afrah room

16:30 Coffee break

17:00

Session 23 Committee SM: Election of the Bureau, High level segment
Theater

18:30

20:30

Gala dinner / Awards / Closing ceremony

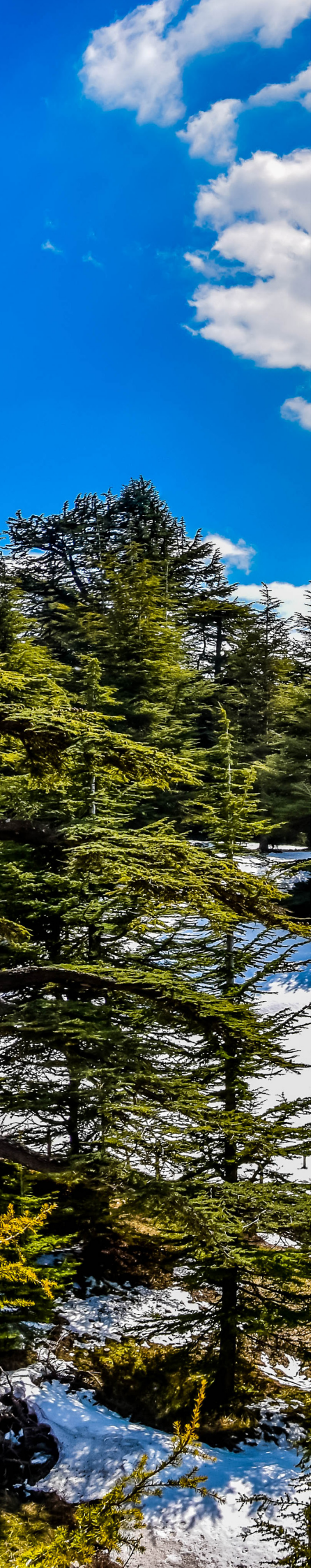
Friday 05

09:00

Session 23 Committee SM: Session 24 of the Committee and closing of Session 23
Cigar room

10:30


@ Caterina Marchetta



Background and objectives

Role of Mediterranean Forests in the Paris Agreement

Following the success of the Fifth Mediterranean Forest Week (MFW) in Morocco in March 2017, the Sixth MFW will take place in Lebanon on 1-5 April 2019. The Sixth MFW will bring together a diverse range of participants to consider how Mediterranean forests can assist countries in the region to achieve their goals under the Paris Agreement.

Held every two years, the MFW is a key platform for regional forestry cooperation and dialogue between the research community, policy-makers and other relevant stakeholders. It highlights the specific challenges faced by Mediterranean forests and calls attention to their global importance. Participants include forest administrators, the scientific and academic community, the private sector, donors, civil society, environmental agencies and non-governmental organizations (NGOs).

The Sixth MFW will promote the use of forest-based solutions to assist Mediterranean countries to implement their Nationally Determined Contributions (NDCs) under the Paris Agreement. Embodying countries' efforts to reduce their national emissions, NDCs are critical to both the success of the Agreement and global efforts to address climate change. By collaborating with other relevant land-based sectors at the landscape level, the Mediterranean forest sector can play an important role in helping countries in the region to meet their NDC targets.

The Sixth MFW will also showcase the use of forest-based solutions to address broader regional challenges such as sustainable development, energy transition, demographic change and migration. It will consider how to create an enabling environment to broaden the use of these solutions, while emphasizing the importance of recognizing and protecting the social, environmental, economic and cultural value of the goods and services already provided by Mediterranean forests.

The Sixth MFW will consider the important role Mediterranean forests play in helping to mitigate climate change and implement the Paris Agreement by addressing the following:

- How Mediterranean forests can contribute to the fulfillment of global climate change commitments;
- The role of Mediterranean forests in adapting people to climate change;
- The role of Mediterranean forests in facilitating sectoral climate change adaptation in areas such as water, agriculture and cities;
- The role of Mediterranean forests in helping to mitigate the effects of climate change.



Opening Ceremony

1 April 2019
10:30- 13:00

Context

The Paris Agreement, adopted in November 2015 at the 21st Conference of the Parties of the United Nations Framework Convention on Climate Change (UNFCC), created a strong message that forests are key to addressing the climate change question. Being a hotspot of climate change, the Mediterranean region has paid particular attention to the role that its forests play on climate change. The Nationally Determined Contributions (NDCs) of the Mediterranean countries have already assigned ambitious goals to the forestry sector. Reaching these goals will require designing forest-based solutions to adapt and to mitigate climate change as well as establishing the conditions for maximizing these solutions.

Beyond NDCs, Mediterranean countries have developed forest strategies, programs, and action plans in addition to the biodiversity and combating desertification action plans in order to address the challenges faced by forests in the Mediterranean region. Forests are at the crossroad of the three Rio Conventions; any progress in the climate change question in the Mediterranean region will benefit from addressing desertification and biodiversity questions and vice versa.

Mediterranean forests have certain tools to implement forest-based solutions to climate change, tools that provide a diversity of goods and services. There are also challenges which must be addressed. Identifying options that simultaneously address forest degradation, biodiversity conservation, adaptation of people using forests, and adaptation of forests to climate change are necessary to implement NDCs, ensuring that Mediterranean forests play their role in addressing climate change.

Objective

The objectives of the opening ceremony include welcoming participants as well as setting the framework for the Sixth Mediterranean Forest Week (MFW). This session will also inform participants of the global and regional commitments regarding climate change with an overview of the latest outcomes of the three Rio Conventions.

Time	Content	Speakers
10:30	National anthem of Lebanon	
10:35	Welcome address by local authorities	Broummana Municipality
10:45	Video of the 6th MFW	
10:50	Welcome address by FAO	Tiina Vähänen, FAO - Maurice Saade, FAO
11:00	Welcome address by the chair of *Silva Mediterranea*	José Manuel Jaquotot Sáenz de Miera (MAPA)
11:10	Opening of the 6th MFW by the Minister of Agriculture	Dr. Hassan Lakiss, MoA
11:20	Coffee break	
11:50	Climate negotiations: implications for the Mediterranean	María José Sanz Sánchez, Basque Centre for Climate Change
12:05	Land Degradation Neutrality target setting: How LDN contributes to climate change mitigation and adaptation?	Sven Walter, UNCCD Secretariat
12:20	Outcomes of the CBD COP14 in the Mediterranean context	Valentina Garavaglia, FAO
12:35	Discussion and questions	

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Speakers

Maurice Saade



Maurice Saade, a Syrian national, holds a PhD in Agricultural Economics from Michigan State University; a MSc in Agricultural Economics and Business from the University of Guelph, Canada; and a MSc and BSc in Crop Production and Protection from the American University of Beirut. Maurice holds over 30 years of professional experience with various international organizations in the field of food security and agricultural and rural development, with extensive field experience in most countries of the Middle East and North Africa, including Lebanon. In 2009, Maurice joined the World Bank in Washington, DC, as Senior Agriculture Economist for the MENA region until August 2014, when he re-joined FAO as Country Representative in Lebanon.

Tiina Vähänen



Tiina Vähänen leads FAO forestry work on climate change (REDD+ and resilience), forest management, as well as national forest monitoring and Global Forest Resources Assessment. She has worked on international forest and natural resources policy issues at FAO since 2001, and led the organization of the 14th World Forestry Congress in 2015. She has coordinated FAO's contributions to the global climate change debates, notably UNFCCC, and managed FAO forestry contributions to other international agreements and the Collaborative Partnership on Forests. Ms Vähänen has a MSc on Forestry and Agriculture.

José Manuel Jaquotot Sáenz



Mr. José Manuel Jaquotot is a forest engineer and MBA currently serving as Deputy General Director of Forest Policy (Ministry of Agriculture, Fisheries and Food). Mr. Jaqutot is responsible for national forest policy of the Spanish Government as well as Spanish representation in international organizations and monitoring of international agreements and promoting international cooperation actions in the forestry sector. He is the former Chair of Multidonor Trust Fund of EFI (European Forest Institute) and current Chair of *Silva Mediterranea* (FAO). Speaking Spanish, English, French, and Italian, Jaqutot has extensive experience in international relations inside and outside the EU.

María José Sanz Sánchez



Biologist and PhD in Botany from the Universitat de Valencia, PosDoc at the Arizona State University. Worked from 1993 to 2007 at the Center for Environmental Studies in the Mediterranean (CEAM) as head of the Air Pollution Effects Program. From 2007 to 2011 was Senior Officer at the UNFCCC Secretariat in Bonn supporting negotiations on LULUCF, Agriculture and REDD+. In 2012 moved to a senior position as the UNREDD Coordinator for FAO. Since 2016 is the Scientific Director of the Basque Centre of Climate Change in Bilbao. It has more than 90 publications in peer review journals and overall more than 200 publications on air pollution, carbon and nitrogen cycles in forest and agriculture ecosystems. Since 2003 has participated in 7 IPCC reports, and received the Peace Nobel Price in 2007.

Sven Walter



Sven Walter is coordinating the Land Degradation Neutrality (LDN) Programme of the Global Mechanism of the United Nations Convention to Combat Desertification (UNCCD). The Programme supports 120 countries to set national LDN targets and identify options for LDN im-plementation, including transformative projects and programs. Mr Walter is a trained Geographer with more than 20 years of professional experience in the development and implementation of financing instruments and mechanisms for sustainable land and forest management. Before joining the UNCCD in 2007, he was working for 10 years as Forestry Officer in FAO with special focus on non-wood forest products.

Valentina Garavaglia



Ms. Garavaglia is a natural resources management expert. She has a PhD from the Earth, Environment and Biodiversity School and MSc in Analysis and Management of Natural Resources both from the University of Milan. Valentina is currently working with the FAO Forest and Landscape Restoration Mechanism and in the last years she has been collaborating with the FAO Forestry Department (*Silva Mediterranea*, Global Forest Resources Assessments, Water and Mountains), the Climate, Biodiversity, Land and Water Department and the Regional Office for Near East and North Africa. She was the scientific secretary of Cost Action FP1202 on marginal/peripheral populations of forest trees at the Forestry Research Center of Arezzo. Prior to that, she has worked as researcher at the University of Milan.



1 April 2019
14:30 - 16:30

Where we stand: global commitments, implementation of NDCs in Mediterranean countries

Plenary Session 1

Context

The Mediterranean region is a hot-spot of climate change. The latest report of the Intergovernmental Panel on Climate Change identifies the Mediterranean as one of the regions most vulnerable to the impacts of global warming. By 2100, the Mediterranean climate is predicted to experience an average temperature increase of 2°C to 4°C. Rainfall is expected to decrease by 4 to 30 percent while sea levels are projected to increase by 18 to 59 cm, with direct consequences: a rapid change in the water cycle; a decrease in soil water storage capacity, thus an acceleration of desertification; a northern shift in altitude of marine and terrestrial biodiversity; and extinction of the most climate-sensitive or least mobile species with subsequent colonization by new species.

Climate policy instruments (Kyoto Protocol, REDD+, Paris Agreement) recognize the forest sector as a key component to mitigate and adapt to climate change. The implementation of these instruments allows the fulfilment of global commitments like those defined in the United Nations Framework Convention on Climate Change, or the global goals like the Sustainable Development Goal 13 to “take urgent action to combat climate change and its impacts,” or the goals of the UN Strategic Plan for Forests 2017-2030 adopted at a special session of the United Nations Forum on Forests. Regional Mediterranean initiatives have also established objectives that are consistent with the global ones and enable them to downscale to the Mediterranean level.

Countries published their Intended NDCs prior to the UNFCCC COP 21 in Paris. Upon ratification of the Paris Agreement, these INDCs became the parties’ first NDCs (except in cases where parties decided to submit a new NDC). Forests often have a prominent role in Mediterranean countries’ NDCs.

Objective

This session will be an introductory session to the Sixth Mediterranean Forest Week and present the current situation regarding the role of Mediterranean forests in global commitments (including targets on LDN and Aichi targets) and the role of LULUCF in implementing the Nationally Determined Contributions (NDCs) of the Mediterranean countries.

Using a concrete example, this session will show how the three Rio Conventions can be complementary.

Chair

Mr. Pablo Sabín
Director
CESEFOR

Rapporteur

Ms. Valentina Garavaglia
Consultant
FAO

Time	Content	Speakers
14:30	Introduction	Pablo Sabín, CESEFOR
14:35	Climate change in the Mediterranean	Joël Guiot, CEREGE
14:50	Synthesis on NDCs at the Mediterranean level	Nicolas Picard, FAO
15:05	Update on LDN: status and achievements	Sven Walter, Global Mechanism
15:20	Presentation of Morocco	
15:35	Land Degradation Assessment and Monitoring: A Combined Use of Earth Observation Data and the World Overview of Conservation. Approaches and Technologies (WOCAT) toolbox in the Qaraoun Watershed, Lebanon	George Mitri, UNDP
15:55	Discussion and questions	

Contacts

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Speakers

Pablo Sabín



Mr. Sabín is a forest engineer, graduated from the Polytechnic University of Madrid in 2000. Nowadays, he is the General Director of the Cesefor Foundation. He's also a founder of Agresta S. Coop. and he has been its co-CEO and Wood Mobilization Department Head for over 15 years. He's an expert in forest management, forest inventory and planning. He managed forest consultancy projects in afforestation, biomass, carbon footprint and timber supply. Passionate researcher in sylviculture of young and mixed stands, harvesting shrubs areas for Biomass, deadwood and forest management and governance actor's role in forest initiatives among others. He is a Spanish forests reporter for the Spanish Society of Forestry as well and entrepreneur at Mabitat Solutions, a timber frame factory.

Joël Guiot



Dr. Guiot is CNRS research director in the CEREGE lab, Aix-Marseille University, France. His main research is on impact of past, present and future climatic changes on Mediterranean ecosystems, in particular on the Mediterranean forests. In 2012 he co-founded the Laboratory of Excellence OT-Med to study the risks related to climate change and natural hazards in the Mediterranean Basin. in 2015, he launched with W. Cramer the Mediterranean group of experts on environmental and climate changes (MedECC), to transfer scientific knowledge on climatic change to the society actors of both sides of the Mediterranean. He is a lead author for the IPCC special report on the impact of a 1.5°C global warming published in October 2018.

Nicolas Picard



Dr. Picard graduated as a forest engineer from Agro ParisTech - ENGREF in 1996, then obtained a PhD in forest sciences in 1999, and an accreditation to supervise research in biology from the University of Montpellier in 2007. He worked as a forestry researcher in CIRAD with positions at the Institute of Rural Economy in Bamako, Mali, at the Research Institute in Tropical Ecology in Libreville, Gabon, and at the Forestry Commission of Central Africa in Yaoundé, Cameroon. He worked on savannah productivity in Sahel, on the forest dynamics of tropical rainforests, and on forest carbon assessment. He is currently Ingénieur for the French Ministry of Agriculture, and in charge of the Secretariat of *Silva Mediterranea* at FAO (www.fao.org/forestry/silvamediterranea).

George Mitri



Dr. George Mitri received his Ph.D. degree in Environmental Bio-monitoring in 2008. He is currently Associate Professor and Director of the Land and Natural Resources Program at the Institute of the Environment, University of Balamand. He has 19 years of research experience in the field of Earth Observation and its application in environmental management. His research focuses on landcover/landuse monitoring and mapping, wildfire risk assessment and post-fire monitoring, land degradation and forest landscape restoration. Dr. Mitri has been involved in various researches and development projects funded by national and international organizations. He is member of several national and international committees and groups among which the European forest fire expert group on forest fires.



2 April 2019
09:00 - 10:30

Biodiversity for resilience in the restoration of Mediterranean forests

Parallel Session 1

Context

Forest restoration projects used to focus on the establishment of single or a small number of species. This simplified approach, overlooking the ecological restoration principles, hampers the effectiveness of ecosystem recovery. Recently, a shift away from large-scale monospecific afforestation projects, to a holistic approach with multiple objectives, combining several socioeconomic and environmental benefits is observed. This allows the recovery of ecosystem functions related to human welfare.

Restoring biodiversity in forests promotes their resilience to human-induced pressures and is therefore an essential 'insurance policy' and safeguard against expected climate change impacts. Biodiversity should be considered at different scales (stand, landscape, ecosystem, bioregional) and in terms of all elements (genes, species, communities). Increasing the biodiversity in planted forests will have a positive effect on their resilient capacity.

This session will explore the following questions: To what extent is this approach feasible in the context of the restoration of Mediterranean forests? What are the data gaps and implementation bottlenecks for scaling up this type of approach? How can we include key stakeholders from various land-use sectors in the design of these approaches?

Objectives

- This session is intended to share best practices and foster an exchange of experiences with regards to restoration approaches that include biodiversity for resilience;
- Attendees will share their experience and their views and discuss the potential to amend ongoing restoration programs and projects at national and regional levels

Chair

Dr. Magda Bou Dagher Kharrat
Professor
Saint Joseph University in Lebanon

Time	Content	Speakers
09:00	Introduction	Magda Bou Dagher Kharrat, Saint Joseph University in Lebanon
09:10	Restoring Resilience in Mediterranean landscapes	Jordi Cortina Segarra, University of Alicante
09:25	Q&R	
09:30	Biodiversity Webs of Interactions behind the Success of Ecological Restoration: Role of animals in forest seeds dispersal	• Magda Bou Dagher Kharrat • Liliane Boukhdoud • Carole Saliba • Rhea Kahale
09:45	Q&R	
09:50	Panel Presentation Discussion and questions with the audience	Moderator: Michele Bozzano, EUFORGEN Panelists: • Grammenos Mastrojeni • Chadi Mohanna • Lara Samaha

Contacts

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Speakers

Magda Bou Dagher Kharrat



Magda Bou Dagher Kharrat is a professor in Plant Geneticist. Director of the Department of Life and Earth Science at the Saint-Joseph University (USJ) Beirut. She employs genomic tools to investigate tree populations in order to understand their phylogeny, phylogeography and their historical evolutionary processes. The results of her research have allowed her to define conservation policies and forest ecosystem restoration strategies that are optimizing the survival of tree populations in the face of climate change. She is the co-founder and vice-president of "Jouzour Loubnan", an NGO restoring and rehabilitating the most degraded and challenging landscapes in Lebanon.

Jordi Cortina



Dr. Cortina is an Associate Professor at the University of Alicante in the Department of Ecology. He received his Ph.D. in biology at the University of Barcelona. Dr. Cortina did his Post-doctoral studies at the Colorado State University. Dr. Cortina was a visiting researcher at many institutions such as: the Forest Research Institute, Swedish University of Agricultural Sciences - Department of Ecology and Environment Research, Scottish Agricultural College-Department Land Management, Sfax University- Faculty of Sciences and the Northern Arizona University- Ecological Restoration Institute. Moreover, Dr .Cortina is the Chair of the European Chapter of the Society for Ecological Restoration. He is the author and co-author of more than 100 scientific papers, including more than 45 published in SCI journals.

Grammenos Mastrojeni



Mr. Mastrojeni is a Diplomat, professor and writer. He has pioneered research and action on societal, geo-strategic and economic impacts of environmental degradation. Currently Coordinator for the Environment and Head of the Science-Policy Interface with Italian Development Cooperation; MFA Head Negotiator on water, lands, and oceans for the Ministry of Foreign Affairs, and member of the Delegations to UNFCCC, UNCBD. Co Chair of the G7 Group on Climate and Fragility, Chair of the Global Mountains Alliance – Mountain Partnership, Member of the Board of the Global Islands Partnership. Professor of Environment and Geo-strategy at various think-tanks and universities and member of various scientific boards.

Chadi Mohanna



Dr. Mohanna, graduated as an Agriculture engineer from the Lebanese university, has a PhD from the Ecole Nationale Superieure Agronomique de Rennes. Director of the institute of Oceanography and Fisheries from 1998 to 2008. From 2008 till present he is the Director of the Rural Development and Natural Resources Directorate at the Ministry of Agriculture in Lebanon. This directorate is in charge of forestry, fisheries, pastures, irrigation and agroindustry. Dr. Mohanna is also Professor at the Saint Joseph University of Lebanon. Team leader in charge of the preparation of the National Forestry Program and of the National Reforestation Program of Lebanon. He is also the national focal point for UNFF, FAO forest activities, FLRM. Chairman of the NEFRC.

Michele Bozzano



Mr. Bozzano is the coordinator of the EUFORGEN Programme at the European Forest Institute: www.euforgen.org.
He is also the coordinator of the H2020 project 'Joining forces for genetic resources and biodiversity management', a coordination and support action that aims, among several other outputs, to create an integrated conservation strategy for genetic resources in Europe: www.genresbridge.org.
He was the leading editor of the thematic study on 'Genetic considerations in ecosystem restoration using native tree species' for FAO's report on The State of the World's Forest Genetic Resources: www.fao.org/3/a-i3938e.pdf.



2 April 2019
09:00 - 10:30

Social innovation in forests
Parallel Session 2

Context

Forests, being natural resources on public and private lands, have embedded in them a diverse range of social innovation cases that have contributed to the development of the community in a sustainable and stable way.

The social innovation is about: “The Reconfiguring of Social Practices in Response to Societal Challenges that Seek to Enhance the Outcomes on Societal Well-being and necessarily include the Engagement of Civil Society Actors”. Having said so, forests in the Mediterranean present an incubating model for social innovation.

We propose exploring successful innovation cases in the Mediterranean, of which the information is worth sharing for replication and learning purposes. Special hands on practices booklet for establishing social innovation cases, and indicators for assessing social innovation cases will be provided.

Objectives

- Provide clear understanding of social innovation in the forest context;
- Provide elements and indicators for identifying social innovation cases;
- Provide case studies from the Mediterranean showing elements of social innovation;
- Provide a practice guide on social innovation implementation.

Chair

Mrs. Patricia R. Sfeir
Development programs manager
SEEDS-int

Time	Content	Speakers
09:00	Setting the ground for social innovation in Mediterranean forests	Bassam Al Kantar, SEEDS-int
09:10	A new framework for evaluating social innovation and its impacts in marginalized rural areas	Riccardo Da Re, Padova University
09:30	Social innovation cases from the Mediterranean: a focus on forestry	Valentino Marini Govigli, EFIMED
09:50	Panel Discussion: Case studies from Lebanon and the Region	Moderator: Patricia R. Sfeir, SEEDS-int
10:20	Exchange with audience	

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Speakers

Bassam Al Kantar



Lebanese human rights activist, researcher, environmentalist, and journalist. He is one of the founding members of UPR-LEBANON, a civil monitor dedicated to promoting the UN Human Rights Council Universal Periodic Review mechanism, with a special focus on Lebanon. He is currently a project officer of UNDP's WARAKBEIRUT project that aims to implement sorting of paper and cardboard from the source in public institution buildings in Beirut. Member in Lebanon's National Human Rights Commission, which includes the Committee for the Prevention of Torture | LNHRC-CPT. Mr. Al kantar is an active member in the Mediterranean and Near East Forest Communicators Network. He has an Executive Master degree in Political Science from the Lebanese University.

Riccardo Da Re



Mr. Da Re is a Post-doctoral researcher at TESAF Department, University of Padova. He achieved a master degree in Statistics for the Demographic and Social Sciences, and a Ph.D. in Real Estate Appraisal and Land Use Economics with a research on indicators for assessing National Parks' local governance and the analysis of social networks among the key stakeholders involved in the coordination of the territory and management of natural resources in rural areas. In the last years he collaborated in several national and international projects as expert in social network analysis, participatory approaches, sampling design, and qualitative and quantitative data collection and analysis. He is involved in the UE H2020 project SIMRA, responsible for social innovation indicators development.

Valentino Marini Govigli



Junior researcher at Mediterranean Facility of EFI (EFIMED) in Barcelona, Spain. He holds a Master in Ecology and Environmental Management from the University of York (UK) and BAE in Economics from the University of Genova (Italy). He is currently PhD Student at the University of Ioannina (Greece) in the field of forestry. His fields of expertise are: socio-economics of forest goods and services, green business models applied to SMEs in the forest sector and statistical analyses. In EFIMED is currently involved in H2020 SIMRA and My Sustainable Forest projects.

Patricia R. Sfeir



Leader of the Mediterranean and Near East Forest Communicators Network and Development programs manager for SEEDS-int, a Lebanese SME involved in socio-economic, environment development services, since 2012. Holder of a master degree in water resource management from Bari and a BS in agriculture from the American University of Beirut (AUB).
Ms. Sfeir has 14 years of experience in sustainable development with more focus on forest development and community forestry. She has demonstrated experience in participative approaches for engaging forestry people in sustainable forest management.



2 April 2019
11:00 - 13:00

Forest-based solutions to adapt the economic sector and people to climate change at the landscape level

Plenary Session 2

Context

The vision of this Sixth MFW is to show the essential role of Mediterranean forests in climate change mitigation, natural resources, and biodiversity balance as well as the specific challenges these forests face. The Sixth MFW will focus more on how Mediterranean forests contribute to the fulfilment of the Paris Agreement and global change commitments, including their role in facilitating sectoral climate change adaptation in areas such as water, agriculture, and cities.

Climate change is expected to strongly impact the Mediterranean biome because of its exceptional biodiversity and the closeness of the distribution range of species to the limits of their ecological niche. In addition to shifts in ecological niches, climate change would favor conversion of forests to fire-prone shrub communities, outbreaks of pests and pathogens, and a higher frequency of fire events and other large-scale disturbances. The uniqueness of the Mediterranean biome implies a similarity of response to global changes at regional scale, therefore, advocates for the design of regional approaches to address the impact of climate change on Mediterranean forest ecosystems.

At the Mediterranean level, climate change has been identified as a cross-cutting issue in the Strategic Framework on Mediterranean Forests (SFMF) adopted at the high-level segment of the Third MFW in Tlemcen, Algeria. Forest-based solutions have been considered key to “adapt economic sectors and people to climate change at landscape level” (Strategic line 3 of the SFMF).

Objectives

Nature-based Solutions (NbS) are defined by IUCN as “actions to protect, sustainably manage, and restore natural or modified ecosystems, that address societal challenges effectively and adaptively, simultaneously providing human well-being and biodiversity benefits.” These solutions refer to the sustainable management and use of nature for tackling environmental and societal challenges, including issues such as climate change, water

security, water pollution, food security, human health, and disaster risk management.

This session will present forest-based solutions to achieve the goals of international commitments by focusing on landscape approaches that connect the forests to other sectors. The solutions presented will involve, for example, forests and water (including erosion by water), forests and agriculture (including pasture lands and livestock), forests and cities, and forests and biodiversity. These solutions may be implemented in the framework of forest and landscape restoration, biodiversity conservation, and adaptation to or mitigation of climate change.

The session will focus on prominent case studies (either success stories or failures) exemplifying how stakeholders concretely addressed problems: What was the issue at stake and what solution was found? How much did it cost and what was the financing scheme? What was the impact on local governance? Lessons learnt for the case studies and the capacity of sharing the experience with other countries will be addressed. Trans-boundaries case studies will be favored.

Chair

Mr. Abdelhamid Khaldi
President
AIFM

Rapporteur

Ms. Nelly Bourlion
Program Officer
Plan Bleu

Time	Content	Speakers
11:00	Introduction: context, objectives and session program	Abdelhamid Khaldi, AIFM
11:05	Forests and Water	Elaine Springgay, FAO
11:20	Forests and Cities: forest-based solutions in urban areas	Paloma Cariñanos, Working group on urban and periurban forestry of *Silva Mediterranea*
11:35	Questions and discussion	
12:00	Forests and Agriculture	Youssef Saadani, Tunisia
12:15	Integrated approaches to management of forests	Bahtiyar Kurt, UNDP Turkey
12:30	Questions and discussion	
12:55	Wrap Up	Nelly Bourlion, Plan Bleu

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Ms. Nelly Bourlion
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Speakers

Abdelhamid Khaldi



Senior Forest Researcher in INRGREF (National Institute for Research in Rural Engineering, Water and Forests -Tunisia). Graduated as Agriculture engineer in 1984 from Agronomic Institute (Tunisia), GREF Engineer (Forestry) from ENGREF (Ecole Nationale du Génie Rural, Eaux et Forêts -France) in 1986, has a PhD (Forestry) from the Agronomic Institute (Tunisia) in 2009. As researcher, he is mainly working on the recovery of Mediterranean forest and valorization of forest products (especially NWFP). He published more than 50 scientific papers during the last ten years. He is notably teaching Silviculture and Forest Ecosystem Management at the Agronomic Institute (Tunisia). He is current President of International Association for Mediterranean Forests and IUFRO International Council member.

Elaine Springgay



Elaine Springgay is the Forestry Officer for Forests and Water at the Food and Agriculture Organization of the United Nations (FAO) based in Rome, Italy and has been instrumental in the launching and development of FAO's Forest and Water Programme. Prior to joining FAO, Elaine worked in Canada, Ghana, the Philippines and Uganda on community-based natural resource management, watershed management and climate-smart agriculture. A Canadian national, she completed her Bachelor of Science in Physical Geography and History at the University of Toronto and has a Masters in Forestry from the Australian National University.

Paloma Cariñanos



Paloma Cariñanos is lecturer of Botany, Green Infrastructure and Management of Biodiversity in urban areas at the University of Granada. She has experience in urban ecology, design and planning of healthy green areas and evaluation of ecosystem services provided by urban and peri-urban forests (UPF), especially those that have an impact on health. She has been the coordinator of the "Breathing in the Mediterranean Parks" initiative, which breaks the development of directives and strategies aimed at minimizing the impact of allergen emissions on air quality and public health. Her research is focused on the principle of "healthy forests for healthy people". She is a member of *Silva Mediterranea* WG on UPF in which she promotes the UPF networking strategy for the Mediterranean countries.

Youssef Saadani



Mr. Saadani is a Chief Engineer of Forestry who held the position of Director General of Forestry under the Ministry of Agriculture in Tunisia from July 2013 to March 2016. Mr. Saadani began his career at the Forestry Administration of Tunisia in 1981 and thereafter has held several positions of responsibility. Particularly, Mr. Saadani worked for FAO as a national expert from 1999 to 2001 and returned to the General Directorate of Forestry in 2011. During his professional career he collaborated with several donors, aid and technical cooperation agencies such as the World Bank, KfW, IFAD, GIZ, UNDP, FAO, IFPRI and ICARDA for the design, implementation and monitoring of rural integrated development projects and the promotion of local grassroots organizations.

Bahtiyar Kurt



Bahtiyar studied mathematics in Middle East Technical University. He worked for environment CSOs for more than 10 years. Lately, he has been working as a freelance consultant serving many organizations including UNDP and FAO. Bahtiyar has been working on several networking/capacity development projects targeting youth: the establishment of Turkey's first birdwatching clubs with established capacities on running monitoring and conservation projects; and developing the eco-literacy program for the youth network of Community Volunteers Foundation. He was involved in preparing and coordinating several biodiversity conservation projects and developed integrated land-management projects with focus on climate smart agriculture implementations that are mainstreaming ecosystem services into production landscapes.

Nelly Bourlion



Ms. Bourlion is an agronomist graduated in 2010 from the Ecole Nationale Superieure Agronomique in Toulouse, and completed her training with a Master of Science in Economics from South Dakota State University in the US in 2012. She worked for several years in the United States, first as a research associate at the Department of Economics at South Dakota State University, and then at the World Bank as part of the Fund's performance evaluation team for the World Environment in Washington, DC. She joined the Plan Bleu team in 2014, as Program Officer "Forest Ecosystems and Biodiversity". She now manages several activities related to biodiversity; Interreg-Med projects, nature-based solutions projects, PPP projects, etc. She is in charge of the State of Mediterranean Forests 2018 in collaboration with FAO.



2 April 2019
14:30 - 16:00

Creating value for nature and people with NWFP. Participatory approaches

Plenary Session 3

Context

Securing the sustainable management and use of natural resources in a context of high social and ecological fragility (e.g., social change, globalization) and providing quality employment for rural communities, are two of the main challenges for sustainable development in the Mediterranean region.

For over a century, economic growth has been based on fossil fuels, an accelerated consumption of non-renewable resources, including land degradation and sealing. As society looks back to nature-based solutions and bio-based materials, there is need for a new paradigm.

Finding synergy between human development and nature conservation has become an urgent matter. Mediterranean forest landscapes are social-ecological systems. Their conservation and restoration cannot be successful unless both the ecological and social aspects of ecosystem functioning are preserved and/or restored. This means that forest management efforts must focus on the creation of sustainable value chains and public goods, based on healthy ecosystems. This is only possible if we unleash the innovative potential of local, rural, and urban populations to establish new production and consumption patterns. Participatory processes, environmental and social entrepreneurship, and social innovation must complement current governance models.

Mediterranean NWFPs include a large variety of products, from those used in mass markets (cork, chestnuts, resin) to specialties (wild mushrooms, truffles) and various products for niche markets (e.g., P. Pinea seeds). Some NWFPs are produced through dedicated forest management, albeit with a range of management intensities (e.g., cork and resin as well as chestnut and pine nuts in certain regions), while others, generally called wild forest products are collected but not actively managed. This is the case of many mushrooms and berries, but also for some honeys and medicinal or decorative plants. Both types of NWFPS have significant potential to contribute to the green economy and the generation of wealth and employment. There is intense activity, relevant experiences and fantastic innovations in mature (e.g., cork), emerging (e.g., edible wild plants), and recovering (e.g., resin) value chains that are worth exploring. Many of them are the result of social innovation and public-private partnerships. Many lessons derive from this initiative.

Objectives

The objectives of the session will be:

- To exchange views on successful approaches to participatory approaches, social innovations, and entrepreneurship in relation to NWFPs;
- To get inspired by existing relevant experiences in green entrepreneurship;
- To discuss the need for new approaches to governance like those based in territorial animation and social innovation.

Chair

Christine Farcy
Professor
Catholic University of Louvain - UCL

Time	Content	Speakers
14:30	Objectives of the session	Christine Farcy, UCL and FAO European Forestry Commission
14:35	Improvement of populations livelihoods through the development of micro-enterprises based on Non-Wood Forest Products	Nabil Assaf, FAO
14:40	Keynote: Realizing the potential of Mediterranean NWFPs. Key opportunities for innovation	Nedjma Rahmani, General Directorate of Forests, Algeria, will deliver an opening speech presenting the ideas and initiatives on participatory approaches in forestry in Algeria
14:55	Round Table with Inspiring examples on social entrepreneurship in Mediterranean forestss and land restorations	1- Tiziana Ulian, Royal Botanic Gardens, Kew, and Nizar Hani, Shouf Biosphere Reserve. They will present a project on the use of traditional edible plants in ecological restoration projects 2- Carlos Colinas, University of Lleida, Spain, and Zahra Naghavi, Iran. They will present the potential of truffles in rural development with examples from Spain and Iran 3- Karim Ergaieg, Agricultural Development Group (GDA) Sidi Amor, Tunisia. He will present the innovative initiatives at GDA Sidi Amor for the mise en valeur of aromatic, medicinal and edible plants 4- Eduard Mauri, the European Forest Institute's Mediterranean Facility, Spain. He will present a multi-actor approach project for social and participatory innovation around NWFP in several Mediterranean countries
15:50	Promoting Social Innovation and active participation. Lessons learned. Concluding remarks: unleashing the potential of Mediterranean youth	Christine Farcy, UCL and FAO European Forestry Commission

Contacts

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Speakers

Christine Farcy



Christine Farcy has a PhD in forestry and is senior researcher and invited lecturer at the University of Louvain (Louvain-la-Neuve, Belgium). She is teaching forest planning and international forest policy. She is chair of the FAO European Forestry Commission and vice-chair of the board of the European Forest Institute (EFI) https://efi.int/about/board. In 2013, she was chairing the evaluation panel of FAO Committee on Mediterranean Forestry Questions Silva Mediterranea.

Nedjma Rahmani



Nedjma Rahmani is a State Engineer in Agronomy specialized in forests, graduated in 1993 from the Ecole Nationale Supérieure Agronomique of Algiers. She has a Specialized Post Graduation (Population and Sustainable Development) in Rabat - Morocco obtained in 1996. She works currently at the Directorate General of Forests as Inspector. Prior to that, she worked as Head of Office "Green Dam" at the Directorate of Land Reclamation and Desertification Control for 10 years and worked as Assistant Director of Statistics at the Directorate level. Nedjma participated in the fifth forest week of Agadir and presented a paper on the fight against desertification and green dam in Algeria.

Tiziana Ulian



Dr. Ulian is a Senior Research Leader of Diversity & Livelihoods at Royal Botanic Gardens, Kew, and works at Kew's Millennium Seed Bank in the UK. She leads a research group developing plant diversity approaches to support communities in locations and economies where nutritional, health, income and biodiversity issues are of paramount importance. At present, Tiziana is managing several research projects ranging from tree seed conservation, community livelihoods, and afforestation. Tiziana has a research background in plant ecology and conservation biology and is very passionate about carrying out plant research and conservation activities on useful plants and the ecosystem services they provide to the environment and local communities.

Carlos Colinas



Carlos Colinas has been teaching Forest Pathology and Mycology at the University of Lleida since 1992. He has conducted research on management and control of forest diseases, and he has also studied the ecology and cultivation of the Black Truffle Tuber melanosporum. He is also active in the dissemination of his results making sure his advances reach the final users in the field.

Karim Ergaieg



Dr. Karim Ergaieg is a teacher and researcher at the National Agronomic Institute of Tunisia, specializing in sanitary and environmental engineering. His research is dealing mainly with the study and development of eco-friendly wastewater treatment and valorization systems, following an integrated approach to provide practical solutions towards water security and climate change adaptation. In recent years, he has focused more on the territorial socio-environmental diagnosis and the participatory approach as a support tool for research on socio-ecological systems. More than five years ago, he joined the Agricultural Development Group Sidi Amor as part of the implementation of a pilot project funded by the World Bank to promote wastewater reuse in Tunisia.

Eduard Mauri



Eduard Mauri is a junior researcher in the European Forest Institute's Mediterranean Facility (EFIMED) in Barcelona, Spain. Mauri has a Bachelor of Forest Management and Environment, as well as a Master of Science in Forest Science from Laval University (Quebec City, Canada). For more than nine years he has developed applied research and knowledge transfer projects in silviculture and sustainable forest management in Canada, Spain and France. During the last two years in the European Forest Institute, he has coordinated international projects on forest risk management and on innovative schemes for non-wood forest products.

Nizar Hani



Mr. Hani, a protected area specialist, graduated as a biochemist and has a Master's degree in Agro Marketing- Agricultural Sciences from Lebanese University. He currently works as an environmental specialist, Manager of Shouf Biosphere Reserve, at the Ministry of Environment in Lebanon. Most of his training and experiences are related to biodiversity conservation, forest landscape restoration and monitoring various plant usage, protected areas management, assessment of ecosystem services, transhumance and grazing management, project proposal writing, management and funding, ecotourism management involving local stakeholders, infrastructure development and maintenance, environmental education and awareness.



2 April 2019
16:00 - 16:40

Plenary Session on Communication

Context

Increasing awareness about the benefits of forests for sustainable development and their role in tackling climate change is an ongoing challenge in the Mediterranean region and elsewhere in the world. Misconceptions about forests and forestry exist, and better communication is needed to ensure positive forest messages are heard, both to persuade the general public about the critical role of forests to life on earth and to incite governments to recognize and strengthen the multiple ways in which forests contribute to adapting to and mitigating against climate change.

How do you communicate effectively about Mediterranean forests and climate change? How can communication contribute to reversing negative perceptions about forestry in the region?

Based on their combined experience in championing effective, concerted, and sustained forest communications, the presenters will explain why communication is often undervalued in the forest sector and what it takes to make it successful. Too often confused with the provision of information, communication is about making an impact on what relevant target audiences think, believe and do. In this session, participants will learn how effective communication regarding forests and climate change requires specific strategies, approaches and techniques, and also how communication can be a powerful tool for change through successful case studies and real-life experiences.

Objectives

- Provide clear understanding on the need for effective communication for forests in the context of climate change, with special emphasis on the Mediterranean region;
- Showcase successful and compelling case studies on how to communicate with stakeholders, local communities and the general public;

Chair

Mr. Ingwald Gschwandtl
Leader
Regional FAO-UNECE
Forest Communicators Network

Time	Content	Speakers
16:00	Introduction: Why communicate on forests and climate change - Joining forces for global outreach	Ingwald Gschwandtl, Regional FAO-UNECE Forest Communicators Network
16:02	Are you being heard? Communication versus information	Kai Lintunen, International Communication at the Finnish Forest Association
16:07	How to communicate forests and climate change to the general public	Maria De Cristofaro, FAO and Forest Communicators Network
16:12	Engaging the Mediterranean Region - Why a Forest Communications Network?	Pilar Valbuena Perez, Forest Communicators Network for Mediterranean and the Near East
16:17	Lebanon: Communicating for the Forests	Patricia R. Sfeir, Forest Communicators Network for Mediterranean and the Near East
16:22	How can forest solutions benefit society in the context of climate change?	Lourdes Lázaro Marín, Forest Communicators Network for Mediterranean and the Near East
16:35	Questions and Answers	

Contacts

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the Near East (FCNMedNE)
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Speakers

Ingwald Gschwandtl



Mr. Gschwandtl was Leader of the regional FAO-UNECE Forest Communicators Network for many years and is now Chair of the FAO Global Coordination Group on Forest Communication. He is Director and Head of Forest Policy, Forest Economics and Forest Information in the Federal Ministry for Sustainability and Tourism of Austria. Ingwald Gschwandtl holds a University degree in Forestry from the University of Natural Resources and Applied Life Sciences Vienna. He is a University Lecturer for forest policy and sustainable development matters at several international Universities and Faculties. He has worked in different positions in the forestry sector in Austria before joining the Ministry. He has been envoy of the Government of Austria to various international forest and environment-related treaties and processes.

Kai Lintunen



Mr. Lintunen is the Head of International Communication at the Finnish Forest Association, the Finnish forest sector cooperative body. Previously he has held several positions in industries, environmental communications and consultancy institutions, specializing in international issues. He is the Team Leader of the European UNECE/FAO Forest Communicators Network, and member of the FAO global forest communications coordination group, representing Europe. Kai holds a Master of Science in Agriculture and Forestry degree from the University of Helsinki, specializing in Environmental/land use economics and communications.

Maria De Cristofaro



Outreach and Capacity Building, Forestry Department, Food and Agriculture Organization of the United Nations and Global Coordinator of the Regional Forest Communicators Networks. Maria De Cristofaro is Outreach and Capacity Building Officer for the FAO Forestry department. In this role she has been instrumental in the creation of six Regional Forest Communicators Networks building on her many years of experience in communication and in international broadcasting and newspapers to increase the communication capacity of the global forestry community.

Pilar Valbuena Perez



MSc Forestry engineer with more than 18 years of experience in the field of forestry, specialized in knowledge management and communications. She works as an International Forest communication consultant and event photographer for international and national entities such as FAO, CIFOR, GIZ, IUCN med, INIA, IUFOR and UNDP Algeria, among others. Currently, Ms. Valbuena is completing her PhD in governance and landscape level approaches in collaboration with the Instituto Universitario de Investigación en Gestión Forestal Sostenible (IUFOR) at the University of Valladolid.

Patricia R. Sfeir



Leader of the Mediterranean and Near East Forest Communicators Network. Development Manager for SEEDS-int, a Lebanese SME involved in socio-economic, environment development services, since 2012. Holder of a master degree in water resource management from Bari and a BS in agriculture from the American University of Beirut. Mrs. Sfeir has 19 years of experience in sustainable development with more focus on forest development and community forestry. She has demonstrated experience in participative approaches for engaging forest people in sustainable forest management. Expert in designing and promoting good governance practices for engaging rural communities in the forest development and local community consultation, as well as planning strategies for socio-economic development of forest communities.

Lourdes Lázaro Marín



Lourdes Lázaro Marín is responsible for the Corporate Development Department at the Centre for Mediterranean Cooperation of the IUCN (International Union for Conservation of Nature). With more than 20 years of experience as Communication Advisor in several institutions related to the management of environmental policies, she is now responsible for the Corporate Development Department at IUCN. Degree in Journalism from the Complutense University of Madrid in 1993, and has complemeted her academic skills with studies in Law and and obtaining a Masters in Environment, Science and Society from the University of Essex (UK).



4 April 2019
11:00 - 13:00

Enabling conditions – monitoring

Plenary Session 4

Context

This session will focus on forest monitoring as a major enabling condition to implement forest-based solutions. Monitoring what: forest monitoring systems are necessary to assess the impact of Forest and Landscape Restoration, for forest carbon accounting at the national level, to assess Land Degradation Neutrality, or as early warning systems on forest health (alert on diseases and pest attacks). Forest monitoring systems can thus operate at different spatial and temporal scales depending on the forest variables to monitor. Why monitoring: forest monitoring systems are particularly important from the long-term perspective (e.g., long-term impacts of FLR), which has implications on the forest-based solutions to be favored (e.g., importance of the forest genetic material from a long-term perspective) and on the expected cost-benefit of these forest-based solutions.

The session will explore synergies, including: to which extent can efforts on forest-monitoring systems for different variables (carbon, FLR impact, LDN targets, forest health, etc.) be synergized?

The session will also explore concrete tools and protocols to solve monitoring frameworks and will try to answer the problem of scale and how to integrate or harmonize national data into regional databases or on a regional scale.

Objectives

- Show that different monitoring systems are vital to implementing results-based mechanisms;
- Promote integration between monitoring mechanisms to avoid duplication of efforts.

Chair

Mr. Abdelmalek Abdelfettah
Inspector general
Ministry of Agriculture, Rural Development
and Fisheries of Algeria

Time	Content	Speakers
11:00	Introduction: Framework for Monitoring	Abdelmalek Abdelfettah, Ministry of Agriculture, Rural Development and Fisheries of Algeria
11:15	LDN. Targets and monitoring results. Use of FAO tools	Carolina Granizo Gallo, FAO
11:30	UNREDD. General framework and examples from Tunisia (National Forest Inventory)	Ministry of Agriculture of Tunisia
11:45	Turkey case study on MRV (Monitoring Reporting and Verification)	Melike Hemmami, UNDP Turkey
12:00	IUCN Red list of Ecosystems. Biodiversity and Forest monitoring	Marcos Valderrabano, IUCN Med
12:15	Integration of multi-sourced and multi-scale forest monitoring data for addressing local to global challenges on forest ecosystems	Sergio de Miguel Magaña, University of Lleida, Spain
12:30	Discussion and questions	

Contacts

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FAO
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Speakers

Abdelmalek Abdelfettah



Inspector general at the general direction of forests, engineer of water and forests formation, graduate of l'Ecole Nationale de Rabat/Salé au Maroc. He has been a project manager for rural employment, a World Bank confidence, whose objective is to improve farmers' incomes in rural areas through the implementation of new approaches. He was the focal point of the project financed by the French Fund for the Global Environment (FFEM) entitled "optimization of the production of goods and services by Mediterranean forest ecosystems in a context of global changes". He has over 30 years of professional experience in project management. He was the national director of the UNDP project, whose goal was to strengthen human capacity in engineering training, supervision and communication.

Carolina Granizo Gallo



Ms. Gallo Granizo is a Spanish national. She holds a degree in Forest Engineering from the Technical University of Madrid, Spain. She conducted research on watershed management at the Austral University of Chile and Technical University of Madrid. Carolina has field experience in Togo where she contributed to the design and establishment of an experimental plantation with native species. From 2013 to 2015 she worked for the FAO Committee on Mediterranean Forestry Questions – *Silva Mediterranea* on the regional project funded by FFEM. Since then, she is working with the Forest and Landscape Restoration Mechanism on Mediterranean-related issues and monitoring country restoration activities.

Melike Hemmami



Melike Hemmami is a freelance consultant creating evidence that supports the sustainable use of natural resources through rural development and planning. She has worked in the area of participatory natural resources management since 2002 via different Turkish National NGOs. She coordinated/contributed to diverse training programs for which she also often developed the curricula. Ms. Hemmami currently works, in one of her assignments, as a technical advisor for the Integrated Management of Mediterranean Forests Project for UNDP Turkey's Forestry cluster. The consultancy for UNDP consists of a series of assignments identified according to the needs of the Forestry cluster projects matching her areas of expertise.

Marcos Valderrabano



Mr. Valderrábano works at the Centre of Mediterranean Cooperation of the International Union for the Conservation of Nature (IUCNMED). Marcos is a Spanish forest engineer, and during the early stages of his career he worked in community forest restoration in Peru, rural development in Egypt, and forest fire management in Lebanon. Marcos has been is in charge of Ecosystem department of IUCN Med since 2010, where he has been supporting biodiversity conservation and human development from different angles including ecological restoration, assessment of ecosystems risk, climate change resilience or protected areas management and planning.

Sergio de Miguel Magaña



Mr. Sergio de Miguel is a Professor at the Department of Forest Science, University of Lleida (UdL, Spain). He is also a member of the Steering Committee of the Global Forest Biodiversity Initiative (GFBI) and the Head of the GFBI Hub, located at UdL, where he coordinates global forest inventory data integration, and conducts ground-breaking research at multiple spatio-temporal scales. He has extensive international forest research experience gained at renowned academic institutions. His field of expertise is forest ecology and management including biodiversity and multiple ecosystem services. He participates in several research initiatives involving diverse forest monitoring approaches.



4 April 2019
14:30 - 16:30

Scaling-up programs, climate financing and current opportunities

Plenary Session 5

Context

The importance attached to scaling-up adaptation and and reinforcing adaptation planning is clearly recognized in the Paris Agreement. The INDCs/NDCs of many developing countries include adaptation planning as a priority. This session will highlight perspectives from countries, support agencies and funds on the formulation and implementation of the NAPs process, and provide an outlook on future needs.

Looking back to the principle of “common but differentiated responsibility”, countries need to develop instruments and policies based on country’s facts and details to commit and implement INDCs. On the Mediterranean level there are huge gaps between the northern, southern, and eastern countries. It’s true that some of the southern Mediterranean countries have lower CO2 emissions, but they have a high level of deforestation.

The majority of the new funds will go to the Carbon Fund, the leading multilateral results-based REDD+ financial mechanism at scale. Mediterranean forests must obtain alternative funds to ensure their sustainability and support.

Objectives

- Share successful experiences in attracting funds for climate change and forest-based developed and implemented National Adaptation Plans;
- Provide insights and recommendations on arising needs and the leverage of funds for NAP formulation and implementation;
- Provide perspectives on the importance of the NAP process for supporting and funding agencies;
- Explore holistic opportunities to mobilize funds beyond the mere forest framework.

Chair

Ms. Imèn Meliane
Vice Chair
WCPA Regional Vice Chair for North Africa
The Middle East and West Asia (NAMEWA)

Time	Content	Speakers
14:30	Presentation of the session and speakers and brief introduction to the topic	Ziad Samaha, IUCN
14:35	Norway's International Climate and Forest Initiative	Ambassador Lene Lind, Royal Norwegian Embassy in Beirut
14:55	Restoration of Lebanon's native forests, reforestation and wildfire prevention and response	Carole Rigaud, Dietmar Ueberbacher EU Delegation Lebanon and Italian Cooperation, AICS Beirut, Lebanon
15:15	Adapt'Action: Working together to tackle climate change	Olivier Ray, AFD
15:35	Scaling-up the financing for restoration based on the costs and benefits of FLR	Daowei Zhang, FAO
15:55	Question - Debate: What are the challenges of climate financing? How to adapt to current opportunities? Conclusions & closure of the session	Public & invited experts Imèn Meliane, IUCN WCPA

Contacts

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IUCN Regional Office for West Asia (Amman – Jordan)
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Speakers

Ziad Samaha



Ziad Samaha joined the IUCN in 2013 and is currently the Program Manager for Marine and Coastal Zones Management. Ziad works on sustainable development, protected area design, awareness raising & advocacy, as well as underwater research and exploration. Before joining IUCN as a Program Manager, Ziad was a founding member and the Director of Purple Reef Organization, an NGO dedicated to the protection and conservation of Lebanon's coastline and reefs. Ziad graduated from the American University of Beirut and obtained a diploma in Introduction to Strategic Sustainable Development from the Blekinge Institute of Technology in Sweden.

Lene Lind



Experienced Career Diplomat with over 25 years with the Norwegian Foreign Ministry. Currently serving as Norway's Ambassador to Lebanon. She is a lawyer and originally specialized in public international law, law of the sea and treaty law, as well as international negotiations. Comfortable in multilateral and bilateral settings. Before becoming Norway's Ambassador to Lebanon, Lind worked as Minister Counsellor/Deputy Head of Mission, and prior to that as Director of Consular Affairs and Immigration. Ambassador Lind studied Law, cand. jur., Law, International Law at the University of Oslo and holds an Inter Faculty Masters Degree from the University of Bergen and Oslo in social and humanitarian sciences.

Carole Rigaud



Carole Rigaud is currently the Program Manager for Sustainable Development: Energy and Environment Affairs, in the Economy and Local Development Section, Delegation of the European Union to Lebanon. She formerly worked in Cooperation Teams for EU Delegations in Sudan, Syria, as well as at the Middle East Department in the EU Headquarters in Brussels on Development Effectiveness and the Middle East Peace Process.
Carole Rigaud has 13 years of experience working in European Union institutions and 2 years of experience working with UN Agencies (France and Syria).

Olivier Ray



Olivier Ray holds an MA in International Affairs from Columbia University, an MA in Public affairs from Sciences-Po, and a BSc in International Relations from the London School of Economics and Political Science. He is AFD Country director for Lebanon and Syria since the summer of 2017. He was previously Diplomatic advisor to France's Minister of Health and Social Affairs, Marisol Touraine. In 2011-2012, he was responsible for international development at the French Ministry of Foreign Affairs' Policy Planning Department. Before joining the Ministry of Foreign Affairs, Olivier Ray was Senior economist at the French Development Agency (AFD)'s Middle East and North Africa Department.

Daowei Zhang



Daowei Zhang is Senior Forestry Officer and Team Leader for Climate Change and Resilience at FAO. He is also professor on leave from Auburn University, USA. He worked at China's Ministry of Forestry and China Development Bank. He served on the Board of Directors of the Pinchot Institute for Conservation and is the recipient of Society of American Foresters' Award in Forest Science in 2009 and Auburn University's Auburn Author Award in 2007, 2011, and 2013, and IUFRO Scientific Achievement Award in 2019. He has done work in more than 20 countries and been on the editorial boards of four international journals. He is the author or co-author of more than 120 refereed articles, books, and book chapters.

Imèn Meliane



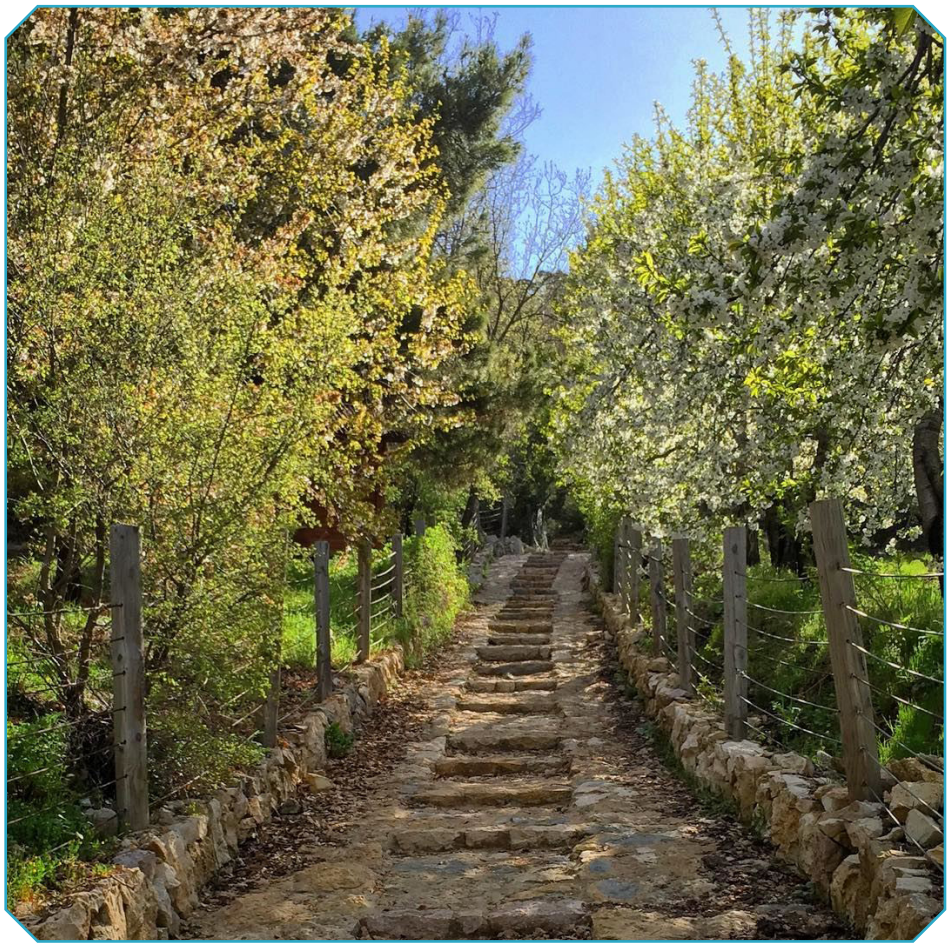
Imèn is the regional vice chair of the IUCN-World Commission on Protected Areas for North Africa, Middle East and West Asia. She has over 15 years of experience in environmental management and international policy particularly in protected areas, ecosystem management, climate change adaptation and disaster risk reduction. She worked for the International Union for Conservation of Nature (IUCN), The Nature Conservancy and more recently as a climate change adaptation specialist with UNDP. She worked both at grassroots level as well as at the highest levels of international policy-making to address the interface between environmental sustainability and economic development. She has a keen interest in addressing the challenges faced by developing countries.

Field Trip

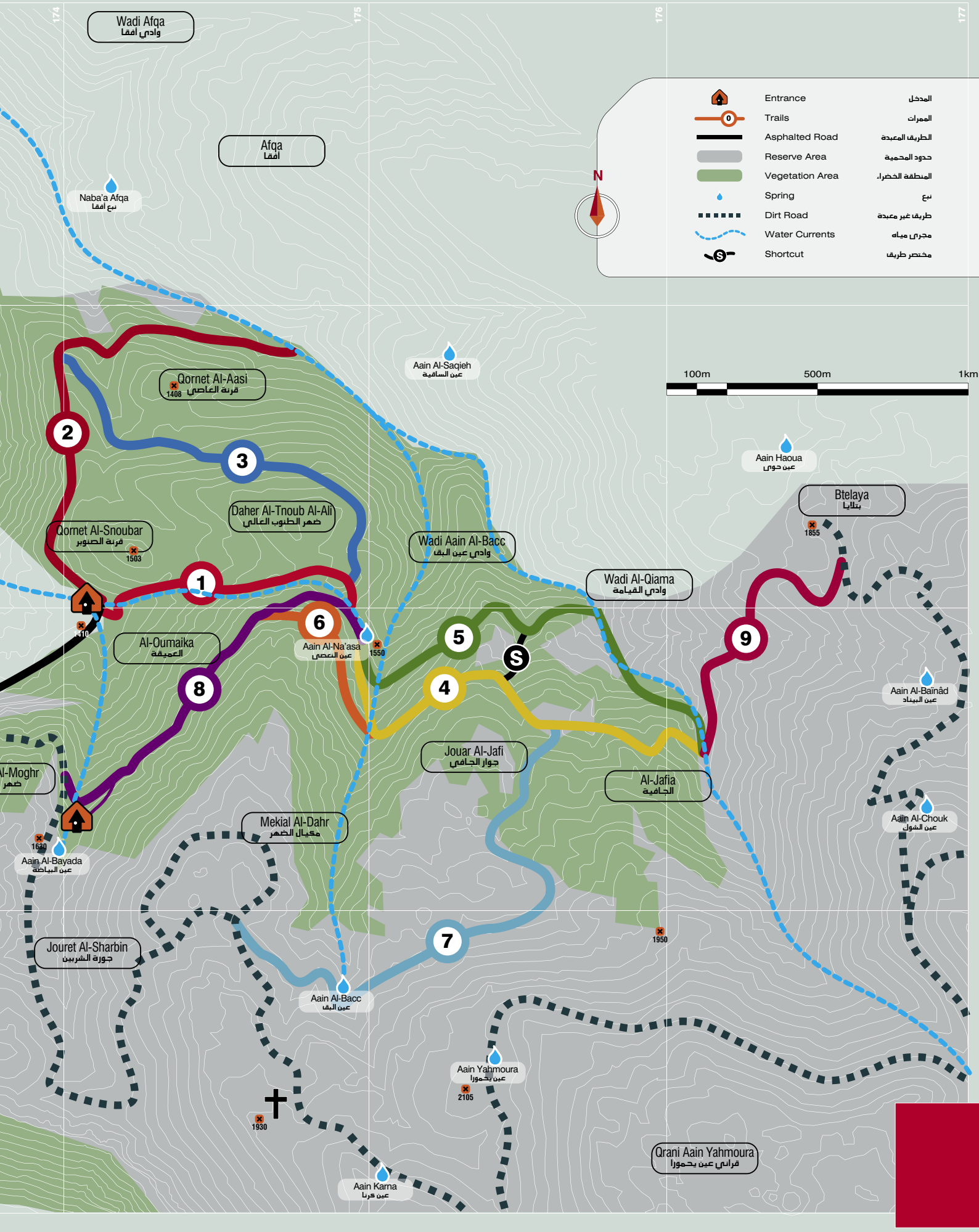
On Wednesday April 3rd, the Ministry of Agriculture of Lebanon will organize an all-day field trip to Lebanon's first nature reserve, Horch Ehden. The beautiful reserve is located 100 kilometres north of Beirut, on the upper north-western slopes of Mount Lebanon, ranging in altitude from 1200 to 2000 m; it covers more than 450 ha and is considered a very important part of the country for its unique biodiversity. Extending over 3 bio-geographic zones, the forest hosts different species of mammals, birds and plants of which some are nationally rare and threatened. Over 1,058 plant species have so far been recorded in the reserve, accounting for nearly 40% of all native plant species in Lebanon.

The transportation will be via buses. The trip from Broumana to Ehden Nature Reserve will take about 2 hours. The trip is bound to satisfy its visitors with outstanding cedar forests highlighting Lebanon's cultural heritage and stunning natural ecosystems. The wildlife, plants, and fungi in the Nature Reserve of Horsh Ehden can be seen among the 13 kilometres of trails and its four main loops.

For your comfort, please bring comfortable walking shoes or sneakers to explore the walking trails. A bagged lunch will be provided and the reserve also features a rest area. The shuttle will leave Broummana at 07h30 and arrive at Horch Ehden at 10h00. Visitors will have until 14h00 to explore before returning to Broummana.






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Wadi Afqa
وادي افقا
Afqa
افقا
Naba'a Afqa
نبع افقا
Entrance
المدخل
Trails
الممرات
Asphalted Road
الطريق المعبدة
Reserve Area
حدود المحمية
Vegetation Area
المنطقة الخضراء
Spring
نبع
Dirt Road
طريق غير معبدة
Water Currents
مجرى مياه
Shortcut
مختصر طريق
N
100m
500m
1km
Aain Al-Saqieh
عين الساقية
Qornet Al-Aasi
قرنة العاصي
1408
2
3
Daher Al-Tnoub Al-Ali
ضهر الطنوب العالي
Qornet Al-Snoubar
قرنة الصنوبر
1503
1
1410
Al-Oumaika
العميقة
8
6
Aain Al-Na'asa
عين النعصى
1550
Wadi Aain Al-Bacc
وادي عين البق
5
4
S
Wadi Al-Qiama
وادي القيامة
Aain Haoua
عين حوى
Btelaya
بتلايا
1855
9
Aain Al-Bainâd
عين البيناد
Jouar Al-Jafi
جوار الجافي
Al-Jafia
الجافية
Aain Al-Chouk
عين الشوك
Mekial Al-Dahr
مكيال الضهر
1630
Aain Al-Bayada
عين البياضة
1950
Jouret Al-Sharbin
جورة الشربين
7
Aain Al-Bacc
عين البق
Aain Yahmoura
عين يحمورا
2105
1930
Qrani Aain Yahmoura
قراني عين يحمورا
Aain Karna
عين كرنا





Side events

Monday, 1 April 2019, 17:00-18:30

1. Towards an integrated Mediterranean forest genetic resources conservation strategy, EUFORGEN – EFI.
   Contacts: Mr. Michele Bozzano (Michele.Bozzano@efi.int)

2. Scaling up forest and landscape restoration to restore biodiversity and promote joint mitigation and adaptation approaches in the Mediterranean, UfM Secretariat – FAO/FLRM.
   Contacts: Mrs. Alessandra Sensi – Mrs. Carolina Gallo Granizo (alessandra.sensi@ufmsecretariat.org) (Carolina.GalloGranizo@fao.org)

3. Best Practices of Monitoring and Evaluation Systems Used in Sustainable Land Management in Turkey, Ministry of Agriculture and Forestry of Turkey and UNDP Turkey.
   Contacts: Mrs. Özlem Yavuz (ozlem.yavuz@tarimorman.gov.tr), Mr. Bahtiyar Kurt (bahtiyar.kurt@undp.org)

Tuesday 2 April 2019, 17:00-18:30

4. Prevention and restoration on forest fires. Linking actions before and after fire, DGF of the Spanish MAPA.
   Contact: Deputy General Directorate of Forest Policy of Spain (bzn-sgpf@mapama.es)

5. Combatting climate change through an informed landscape management strategy: optimization of land-use values for resilient communities, Lebanon Restoration Initiative.
   Contacts: Dr. Maya Nehme (mnehme@lri-lb.org)

6. Preservation and valorization of Mediterranean forests from mass tourism impact, AIFM.
   Contacts: Mr. Abdelhamid Khaldi (contact@aifm.org)

Parallel meetings

7. MedForum 2019 – Forest-based solutions: the Model Forest impacts in the Mediterranean, MMFN.
   Contacts: Mr. Riccardo Castellini (riccardo.castellini@cesefor.com)

Selected Posters

Title	Author	Country
Climate impact on survival and biomass production of early growth of Pinus pinaster Ait	Muha Abdullah Al Pavel Pavel	Portugal
Effect of Climate Change on Potential Distribution of Cedrus libani in the 21st century: an Ecological Niche Modeling assessment	Jean Stephan	Lebanon
Socio-Economic Assessment of Old Reforested Sites in Lebanon	Juliette Amidi	Lebanon
Is climate change an emerging risk for Cedrus libani? A dendroeco-logical study to evaluate the vigor of Cedar forests in Lebanon	Rana El zein	Lebanon
Lebanon Reforestation Suitability Map for Selected Native Tree Species	Christel Bercachy	Lebanon
The influence of climatic factors on the past, present and future geographic range of Juniperus drupacea	Bouchra Douaihy	Lebanon
FRESH LIFE Project: Demonstrating Remote Sensing Integration in Sustainable Forest Management	Andrea Barzagli	Italy
Les attaques parasitaires (gui nain) de certains peuplements auront-elles un impact sur la résistance des forêts sèches dans un contexte de réchauffement climatique?	Alain Fridlender	France
Contribution of Non Wood Forest Products to household income and food security in Tunisia: The case of Aleppo Pine	Ibtissem Taghouti	Tunisia
Comparison and modeling of water status of three provenances in North East Tunisia of "Pinus Halepensis Mill" forest	Baraket Mokhtar	Tunisia
The LIFE FOREST CO2 Project, the silviculture as a mitigating element of climate change	Guillermo Palacios Rodríguez	Spain
La restauration des forêts, un enjeu majeur pour les changements climatiques en zones présahariennes	Nadia Bouragba	Algeria
Réponses adaptatives du pin d'Alep et du cèdre de l'Atlas aux changements climatiques dans le massif de l'Ouarsenis	Mohamed Sarmoum	Algeria
Climatic credits to invest in climate smart forestry projects	Teresa Baiges	Spain
Importance des projets de proximité de développement rural intégré dans le maintien des écosystèmes forestiers semi arides - cas de la région de Médéa	Safia Sebti	Algeria

Organizing Committee

Ministry of Agriculture of Lebanon

Ministry of Agriculture, Fisheries and Food of Spain

Ministry of Agriculture, Rural Development and Fisheries of Algeria

Ministry of Agriculture and Forestry of Turkey

Food and Agriculture Organization of the United Nations (FAO)

Mediterranean Facility of the European Forest Institute (EFIMED)

International Union for Conservation of Nature (IUCN)

Plan Bleu pour l'Environnement et le Développement en Méditerranée (Plan Bleu)

United Nations Development Programme in Turkey (UNDP Turkey)

European forest genetic resources programme (EUFORGEN)

Centro de Servicios y Promoción Forestal y de su Industria de Castilla y León (CESEFOR)

Mediterranean Model Forest Network (MMFN)

Association Internationale Forêts Méditerranéennes (AIFM)

Forest Communicators Network for the Mediterranean and the Near East (FCNMedNE)

Saint Joseph University of Beirut

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