



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 676754.



ALTERFOR

www.alterfor-project.eu

ALTERFOR NEWSLETTER

ALTERNATIVE MODELS AND ROBUST DECISION-MAKING FOR FUTURE FOREST MANAGEMENT

OCTOBER 2019



IN THIS ISSUE:

1. ALTERFOR side event at the XXV IUFRO World Congress in Curitiba (Brazil)
2. The recent scientific publications on research results in ALTERFOR
3. Demonstration sites of alternative approaches to forest management
4. ALTERFOR Final Conference in April 2020

1. ALTERFOR HOSTED A SIDE EVENT AT THE XXV IUFRO WORLD CONGRESS IN CURITIBA (BRAZIL)

ALTERFOR researchers organized the event "Adapting Europe's forests to global challenges: Lessons from ALTERFOR" in Curitiba, Paraná, Brazil on October 1, 2019. Among the participants of the World Congress of the IUFRO (International Union of Forest Research Organizations) they reached a multi-national audience of forest scientists.

Approaching the final stage of the project, ALTERFOR partners from Italy, Sweden and Lithuania presented key findings from their case studies. In the first part of the event, they focused on the question: "What alternative forest management models will enable to provide the desired ecosystem services under changing climate and societal conditions over the coming century?"

The speakers showed the main results of the landscape simulations and outlined the potential of the identified silvicultural alternatives to meet the challenges under different climate and market scenarios.

Following the glimpses of the in-depth analyses in the case study areas, Vilis Brukas, scientific coordinator of ALTERFOR [summarized the policy implications](#) resulting from the research findings, emphasizing the great diversity of forested landscapes and forest governance in Europe as well as the impossibility of a one-fits-all solution.

The second part of the event "Science across scales and disciplines to handle the complexity of socio-ecological systems" highlighted conceptual and methodological challenges and the scientific solutions developed in ALTERFOR. More specifically, the speakers addressed questions related to ecosystem service trade-offs and the successful transfer of scientific findings to decision makers and practitioners. These triggered a heated discussion with the audience.





→ ALTERFOR IUFRO **SIDE EVENT PART 1** - INSIGHTS FROM ALTERFOR CASE STUDIES

Italy: Lowland Forest Association
(Associazione Forestale di Pianura – AFP)

Title: „People everywhere“

Speaker: Dr. Mauro Masiero (TESAF, University of Padova / Etifor Srl)

Sweden: Kronoberg

Title: „Intensifying the intensive“

Speaker: Associate Professor Vilis Brukas (Swedish University of Agricultural Sciences, SLU)

Lithuania: Telšiai

Title: „Breaking the code“

Speaker: Dr. Gintautas Mozgeris (Vytautas Magnus University, VDU)

ALTERFOR IUFRO **SIDE EVENT PART 2** - SCIENCE ACROSS SCALES AND DISCIPLINES TO HANDLE THE COMPLEXITY OF SOCIO-ECOLOGICAL SYSTEMS

Title: „From stand to landscape to continent: Ecosystem service trade-offs“
Speaker: Dr. Peter Biber (Technische Universität München)

Title: „Linking scientific truth with power: knowledge transfer in ALTERFOR“

Speaker: Professor Max Krott (Georg-August-University Göttingen)

2. THE **RECENT SCIENTIFIC PUBLICATIONS** ON RESEARCH RESULTS IN ALTERFOR

Di Fulvio F.; Forsell N.; Korosuo A.; Obersteiner M.; Hellweg S. (2019); Spatially explicit LCA analysis of biodiversity losses due to different bioenergy policies in the European Union Science of the Total Environment 651: 1505-1516.

Lundholm, A.; Corrigan, E.; Nieuwenhuis, M. (2019); Implementing Climate Change and Associated Future Timber Price Trends in a Decision Support System Designed for Irish Forest Management and Applied to Ireland's Western Peatland Forests. Forests, 10(3), 270.

For further ALTERFOR publications please visit the project website: www.alterfor-project.eu/publications.html

3. DEMONSTRATION SITES OF ALTERNATIVE APPROACHES TO FOREST MANAGEMENT

From the beginning of 2020, ALTERFOR partners invite interested visitors to learn more about different approaches to forest management in the ten case study areas across Europe.¹ The demonstration sites include forest stands where both current and alternative forest management models (FMMs) are applied. They do not only show specific silvicultural measures, but also demonstrate the transition from current to alternative management models over a longer period.

In Kronobergs län (Sweden), for example, interested stakeholders can learn about traditional forestry practices and alternative FMMs like mixed stands (spruce and birch) or exotic tree species (douglas fir and sitka spruce). A variety of printed and online information materials, like maps, illustrations and specifications will encourage the visitors to find out more about different techniques and treatments and think about alternative forest management for the future.

The fifth ALTERFOR movie will take a closer look at the demonstration site in Sweden. Project partners from the Swedish University of Agricultural Sciences and the Southern Sweden forest owners association will explain forest management today, future challenges and silvicultural alternatives in the Swedish case study area. The short film will be available under <https://alterfor-project.eu/films.html> in spring 2020.



ALTERFOR Films:
<https://alterfor-project.eu/films.html>

4. ALTERFOR FINAL CONFERENCE IN APRIL 2020

The final conference of ALTERFOR will take place in the historic city of Augsburg, Germany on April 6 – 8, 2020. Representatives of forest administrations, forest owners and policy decision makers from all over Europe are expected to participate in the three-days-conference.

Following the keynote speeches with cutting-edge issues, the participants will have the opportunity to discuss the outcomes of the case study research in interactive sessions. In addition, the ALTERFOR research partners will introduce the most important scientific findings such as assessing the impacts of alternative FMMs on the forest sector and on the provision of ecosystem services. Moreover, the project partners invite the conference guests to visit the demonstration site in Bavaria, near to Augsburg.

Further details about the final conference will be available on www.alterfor-project.eu in early 2020.

¹In Germany (2 case studies: Bavaria and Brandenburg), Italy, Ireland, Lithuania, the Netherlands, Portugal, Slovakia, Sweden and Turkey.

Project Title

**ALTERNATIVE MODELS AND ROBUST DECISION-
MAKING FOR FUTURE FOREST MANAGEMENT**

Project Coordinator

Ljusk Ola Eriksson, Professor
Swedish University of Agricultural Sciences (SLU)

Scientific Coordinator

Vilis Brukas, Associate Professor
Swedish University of Agricultural Sciences (SLU)

Project Administrator

Giulia Attocchi, PhD
Swedish University of Agricultural Sciences (SLU)

Duration of the Project

54 Month (01/04/2016 - 30/09/2020)

Funding Scheme

The European Union's Horizon 2020 research and
innovation programme (grant agreement No 676754)

Project Website

www.alterfor-project.eu

ALTERFOR Project Newsletter

Issue 10/2019

Publication, editorial and design

Annamaria Riemer, Inga Döbel
Fraunhofer Center for International Management and
Knowledge Economy IMW
annamaria.riemer@imw.fraunhofer.de
www.imw.fraunhofer.de

Contributing Authors

Vilis Brukas, SLU
Ljusk Ola Eriksson, SLU
Giulia Attocchi, SLU

Photo Credit

Mauro Masiero, TESAF Department, UNIPD
Eric Agestam, SLU
Vilis Brukas, SLU



Project Consortium:

Associação Florestal do Vale do Sousa (AFVS), Portugal
Coillte Teoranta, Ireland
ETIFOR, Italy
Forest Research Centre/ School of Agriculture/ University of Lisbon (CEF/ISA/UL), Portugal
Fraunhofer Center for International Management and Knowledge Economy (IMW), Germany
General Directorate of Forestry (OGM), Turkey
Georg-August Universität Göttingen, Germany
German Forest Society (GFS), Germany
International Institute for Applied Systems Analysis (IIASA), Austria
Joint Research Centre - European Commission (JRC), European Union
Karadeniz Technical University (KTU), Turkey
State Forest Enterprise, Lithuania
Southern Sweden Forest Owners Association (SÖDRA), Sweden
Swedish University of Agricultural Sciences (SLU), Sweden
Technical University in Zvolen (TUZVO), Slovakia
Technische Universität München (TUM), Germany
University College Dublin (UCD), Ireland
University of Padua (UNIPD), Italy
Vytautas Magnus University (VDU), Lithuania
Wageningen University & Research/ Forest and Nature Conservation Policy Group (FNP), The Netherlands