

INTERNATIONAL WORKSHOP

Forest and Climate Change: adaptation initiatives and new management practices

2017 March 8 and 9, “École nationale supérieure d’architecture” in Nancy (France)

Program

DAY 1 – Wednesday 8 March 2017

1:00 pm	Welcome coffe
1:30 pm	Introduction <i>Olivier PICARD, CNPF and coordinator of RMT AFORCE (France)</i> <i>Frédéric DOYON, University of Quebec in Outaouais UQO-ISFORT (Canada)</i> Supporting forests adaptation to climate change: a comparative review of approaches taken in France and Quebec <i>Olivier PICARD, CNPF and coordinator of RMT AFORCE (France), Frédéric DOYON, University of Quebec in Outaouais UQO-ISFORT (Canada), Myriam LEGAY, ONF (France) et Céline PERRIER, CNPF and RMT AFORCE animation (France), en collaboration avec Clément CHION</i> A line made by walking: adaptation to climate change in forestry across Europe <i>Rita SOUSA-SILVA, University of Leuven (Belgium), in collaboration with Bruno VERBIST, Quentin PONETTE, Kris VERHEYEN, Bart MUYS</i> Actual and expected climate change: today’s forest challenge <i>Jean-Luc PEYRON, GIP ECOFOR (France)</i>
2:45 pm	SESSION 1 - What tools to explore the various futures? Moderator: Mériem FOURNIER, AgroParisTech
	► Interactive atlas: Impacts of climate change on tree species distribution in Quebec (Canada) <i>Catherine PERIE, Minister of Forests, Wildlife and Parcs/Forest Research (Canada)</i> ► Evaluating adaptation options to cope with drought events under future climate: contributions from the on line water balance calculation tool Biljou© <i>Nathalie BRÉDA INRA (France), in collaboration with André GRANIER, Vincent BADEAU, Damien MAURICE</i> ► Simulation-based decision support for forest management under climate change. An example from Austrian mountain forests. <i>Manfred J. LEXER, University of Natural Resources and Life Sciences (Austria)</i>
4:30 pm	End of DAY 1
6:00 pm	Cocktail

DAY 2 – Thursday 9 March 2017

8:00 am	Welcome coffee
8:30 am	SESSION 2 - How are adaptive tests implemented at the level of management systems? Moderators: Thierry CAQUET, INRA & Olivier PICARD, CNPF
	Identify which species to plant
	<ul style="list-style-type: none">▶ Testing tree species adapted to future climates: a test case for adaptive management <i>Peter BRANG, Swiss Federal Research Institute WSL (Switzerland), in collaboration with Kathrin STREIT</i>▶ Testing new genetic resources for forest adaptation: from pioneer realisations to the building of a national cooperative project <i>Myriam LEGAY, ONF & Cyril VITU, CRPF Grand Est (France)</i>▶ Assisted Migration in Canada and Tools to help <i>Dan Mc KENNEY, Natural Resources Canada, Great Lakes Forestry Center (Canada)</i>
	Implement new silviculture practices
	<ul style="list-style-type: none">▶ Adapting management of federal lands in the western United States to climate change <i>Jessica HALOFSKY, University of Washington - School of Environmental and Forest Sciences, (USA), in collaboration with David L. PETERSON</i>▶ Forest Water Balance: a practical guide <i>Sophie BERTIN, EKOLOG & Philippe BALANDIER, IRSTEA (France)</i>▶ Does uneven-aged silviculture better prepare forests to global change than even-aged silviculture? <i>Philippe NOLET, Université du Québec en Outaouais UQO-ISFORT (Canada), in collaboration with Dan KNEESHAW, Christian MESSIER, Martin BELAND</i>
10:40 am	Coffee Break
	<ul style="list-style-type: none">▶ Transferring climate change research into forest management – examples from Southwest Germany <i>Axel ALBRECHT, Forest Research Institute Baden-Wurtemberg (Germany)</i>▶ Project ResilForMed: defining monitoring protocols and silvicultural management models to improve the resilience of sicilian forests to climate change <i>Marcello MIOZZO, DREAM Italia (Italy)</i>▶ REINFORCE: An Atlantic demonstration site network for research on forest adaptation to climate change. <i>Rebeca CORDERO, EFIATLANTIC (France)</i>▶ In search of robustness: modelling a portefolio of forest stand responses to different silvicultural treatments under global change threats <i>Frédéric DOYON, University of Quebec in Outaouais UQO-ISFORT (Canada)</i>
12:30 am	LUNCH

SESSION 3 - How to encourage changes in practices and to ensure their monitoring?

Moderators: Guy LANDMANN, GIP ECOFOR & Céline PERRIER, CNPF

▶ **Bringing Science into Practice - experiences from guidance on integrated forest management applied to carrying climate change intelligence into practice**

Marcus LINDNER, EFI international (Finland)

▶ **Real-World Forest Adaptation: tools, examples, and lessons from the Northeastern United States**

Christopher SWANSTON, USDA Forest Service - Northern Research Station (USA)

▶ **Climate change and forests - strategies for the adequacy of communications**

Kristina BLENNOW, Swedish University of Agricultural Sciences, Alnarp (Sweden)

▶ **How can multi-agent models provide lessons on the processes of change of practices: example in Sweden**

Dr Victor BLANCO, University of Edinburgh (United-Kingdom), in collaboration with Calum BROWN, Sascha HOLZHAUER, Fredrik LAGREGREN, Gregor VULTURIUS, Mats LINDESKOG, Mark ROUNSEVELL

▶ **Canada's Forest Change program and tools to support for adaptation**

Dan Mc KENNEY, Canadian Forest Service (Canada), in collaboration with J. PEDLAR & I.AUBIN

▶ **Networking for risk and crisis management on regional and international level**

Yvonne CHTIOUI, Forest Research Institute Baden-Wurttemberg (Germany)

Animation par les étudiants d'AgroParisTech et de l'EPLEFPA de Mirecourt

Directed by Mériem FOURNIER, AgroParisTech and Jean-Michel ESCURAT, EPLEFPA de Mirecourt (France)

Conclusion

Eric BATAILLE, ministry of Forest and Agriculture (France)

5:00 pm

End of DAY 2

With the participation of:



COOPÉRATION FRANCE-QUÉBEC