



TOURS 2012

INTERNATIONAL CONFERENCE

**Tackling climate change:
the contribution of forest scientific
knowledge**

May 21 – 24 , 2012, Tours (France)

CONFERENCE INTERNATIONALE

**Faire face au changement
climatique :
la contribution de la science
forestière**

21—24 Mai 2012, Tours (France)

PROGRAMME



Tours 2012 – Programme *(update May 14, 2012)*

Hours		Monday 21 May	Tuesday 22 May		Wednesday 23 May	Thursday 24 May
8:00 - 9:00						Field trips (2 options) ATTENTION: Departure: 7:45 am Arrival back in Tours: 5:30 pm
9:00 - 10:00			Scientific Parallel Sessions 2		Opening Plenary Session Forum for Stakeholders and Scientists	
10:00 - 11:00			Coffee break		Coffee break	
11:00 - 12:00			Welcome / Registration	Scientific Parallel Sessions 3	Plenary Panel Sessions Forum for Stakeholders and Scientists	
12:00 - 13:00						
13:00 - 14:00		Buffet Lunch	Lunch	Lunch		
14:00 - 15:00		Scientific Conference Opening Session	Scientific Parallel Sessions 4	Plenary Panel Sessions Forum for Stakeholders and Scientists		
15:00 - 16:00						
		Coffee break	Coffee break	Coffee break		
16:00 - 17:00		Scientific Parallel Sessions 1	Scientific Parallel Sessions 5	Closing session Synthesis and outcomes		
17:00 - 18:00						
18:00 - 19:00		Poster Session (with refreshment)		Satellite Meeting ECHOES Management committee COST evaluation panel		
19:00 - 20:00	ECHOES WG 2 Meeting		Official Dinner			
20:00 - 21:00						
21:00 - 22:00						
22:00 - 23:00						

MONDAY 21 MAY

14:00 – 15:45	Opening session
	Moderator: Martin Greimel (COST Domain Committee on Forests, their Products and Services) • Presentation of their projects and strategies by conference partners (5 minutes each): ○ ECHOES : Jean-Luc Peyron (ECOFOR, France) ○ BACCARA : Hervé Jactel (INRA Bordeaux, France) ○ TRANZFOR : Jean-Michel Carnus (INRA, France) ○ REINFFORCE: Christophe Orazio (EFI Atlantic) ○ FOREADAPT: Jordi Garcia Gonzalo (ISA, Portugal) ○ MOTIVE: Marc Hanewinkel (WSL, Switzerland) and Harald Bugmann (ETH, Switzerland) Moderator: Jean-Michel Carnus (IUFRO, division 8) and Martin Greimel • Key addresses: ○ Climate change and biome shifts: Nicklaus E. Zimmermann (WSL, Switzerland) ○ Adaptation: Rodney J. Keenan (Univ. of Melbourne, Australia) ○ New perspectives on the role of European forests in carbon sequestration: an overview. Gert-Jan Nabuurs (EFI) ○ Climate Change and Forest Sciences: Linda Joyce (Forest Service, USA)
15:45 – 16:15	COFFEE BREAK

LUNDI 21 MAI

14:00 – 15:45	Session d'ouverture Modérateur : Martin Greimel (COST Domain Committee on Forests, their Products and Services) • Présentation des projets et stratégies des partenaires de la conférence (5 minutes chacun): ○ ECHOES : Jean-Luc Peyron (ECOFOR, France) ○ BACCARA : Hervé Jactel (INRA Bordeaux, France) ○ TRANZFOR : Jean-Michel Carnus (INRA, France) ○ REINFFORCE : Christophe Orazio (EFI Atlantic) ○ FOREADAPT : Jordi Garcia-Gonzalo (ISA, Portugal) ○ MOTIVE : Marc Hanewinkel (WSL, Suisse) et Harald Bugmann (ETH, Suisse) Modérateur : Jean-Michel Carnus (IUFRO, division 8) et Martin Greimel • Présentations introductives : ○ Changement climatique et déplacement des biomes : Nicklaus E. Zimmermann (WSL, Suisse) ○ Adaptation au changement climatique: Rodney J. Keenan (Univ. de Melbourne, Australie) ○ Nouvelles perspectives sur le rôle des forêts européennes dans la séquestration du carbone : une vue d'ensemble. Gert-Jan Nabuurs (EFI) ○ Changement climatique et Sciences Forestières : Linda Joyce (Forest Service, Etats Unis)
15:45 – 16:15	PAUSE-CAFÉ

MONDAY 21 MAY

16:15- 18:00. SCIENTIFIC PARALLEL SESSIONS 1

IMPACTS	RESILIENCE 1	RISKS and UNCERTAINTIES
• 'Hot-spots' of climate change impacts in European forests – results of a questionnaire. Peter Spathelf - Eberswalde University for sustainable development - Germany • Impact of climate on trees: identification of proxies in trees for measuring climatic stress. Brian Tobin - UCD, Forest Research - UK • Integrating parameter uncertainty of process-based forest models in assessments of global change impacts on forest productivity. Christopher Reyer - Potsdam Institute for Climate Impact Research - Germany • Using probabilistic climate change projections and an ecological site classification to assess the future risk of climate impacts on tree species in Britain. Michal Petr - University of Twente – The Netherlands • Modelling the impact of atmospheric nitrogen deposition on french forests in the context of climate change. Noémie Gaudio – CNRS- France • New evidences of the impacts of global change at the southern edge populations of silver fir (<i>Abies alba Mill.</i>) distribution range. Laura Hernández - CIFOR-INIA - Spain	• Tree regeneration vulnerability to climate change: relative contributions of direct climate effects, plant interactions, herbivores & pathogens in mountain forests. Georges Kunstler - Cemagref - France • Climate change and forest genetic resources: scientific challenges, risks and opportunities. Bruno Fady – INRA - France • Adaptive silviculture regarding climate change: the geneticist's view. François Lefèvre INRA - France • Modelling of photosynthesis in relation to light and environmental variables of natural regeneration of two mixed pinus pinea-quercus ilex-juniperus oxycedrus stands. Carolina Mayoral - CIFOR INIA – Spain • Drought-adaptive potential of central and marginal provenances of European beech. Andreas Bolte - Johann Heinrich von Thünen-Institute, Institute of Forest Ecology and Forest Inventory - Germany • What determines adaptability? A case study with silver birch. Boy Possen – The Finnish Forest Research Institute - Finland	• Economics of Species Change under Risk of Climate Change: A Sensitivity and (Quasi-) Option Value Analysis. Marielle Brunette –INRA - France • Addressing climate change scenarios in eucalypt forest management. A landscape level optimization study case. Jordi Garcia-Gonzalo – University of Lisbona - Portugal • Coping with possible wildfire regime shifts under a changing climate: Need for local management in western Canada. Akira S Mori –Yokohama Natl. University - Japan • Ecosystem Management in the Face of Uncertainty: Organisational Problem-Solving Performances of German State Forest Administrations Concerning Climate Change Adaptation Measures. Fenn Faber and Roderich v. Detten – Albert Ludwig University of Freiburg - Germany • Dealing with uncertainty in forest management under climate change. Emina Krcmar – Univ. of British Columbia - Canada • Adapting to incremental and threshold climate change impacts to forests. Jody Bruce – CSIRO - Australia

TUESDAY 22 MAY

8:30 – 10:15. SCIENTIFIC PARALLEL SESSIONS 2

PRODUCTIVITY, DISTRIBUTION 1

- Simulated forest productivity and biomass changes under global change. **Christopher Reyer** - Potsdam Institute for Climate Impact Research - Germany
- How will climate change affect the relationship between tree diversity and productivity in European temperate forests? **Xavier Morin** – CNRS - France
- Forest productivity shifts under climate change in Europe -: a model-based analysis. **Petra Lasch** - Potsdam Institute for Climate Impact Research - Germany
- Long-term growth changes in a temperate lowland region during the last century: a retrospective analysis of tree rings comparing linear and non-linear mixed modelling approaches. **Wim Aertsen** - K.U.Leuven – Belgium
- Did South Western European tree species shift upward during the last decade? **Morgane Urli** - UMR Biogeco - INRA - France
- Spatiotemporal prediction of site-productivity in Baden-Württemberg. **Arne Nothdurft** - Forest Research Institute Baden-Württemberg – Germany

RESILIENCE 2

- Adaptability of silver birch (*Betula pendula* Roth) to elevated temperature and changing water regimen. **Mikko J. Anttonen** - Finnish Forest Research Institute - Finland
- Structural acclimation and photosynthesis of tree canopy in changed climate. **Mikko Peltoniemi** - Finnish Forest Research Institute - Finland
- Mechanisms of local adaptation to climatic gradients: lessons from a Physio-Demo-Genetics Model. **Sylvie Oddou-Muratorio** - INRA - France
- Can we rely on nature's spontaneity in the light of climate change predictions? **Csaba Mátyás** – University West Hungary - Hungary
- Trends in the natural regeneration patterns of beech and silver fir in the Eastern Carpathians (Romania) under the climate change and Forest management. **Ion Barbu** - Forest Research Institute - Romania

ECOSYSTEM SERVICES

- Overestimation in the sensitivity of soil respiration to climate change throughout the mid-latitudes. **Callum Berridge** – Vrije Universiteit Amsterdam – The Netherlands
- Assessment of cork production in new *Quercus suber* plantations under future climate. **Joana, Amaral Paulo** - Centro de Estudos Florestais; Instituto Superior de Agronomia - Portugal
- Are forest fungi affected by climate change? Diversity and structure of ectomycorrhizal fungal communities along altitudinal gradients in Europe. **Benoit Marçais** - INRA Nancy - France
- Effect of altitude on forest herbivores and their parasitoids: a meta-analysis. **Marc Kenis** - CABI Europe - Switzerland

10:15 – 10:45

COFFEE BREAK

TUESDAY 22 MAY

10:45 – 12:30. SCIENTIFIC PARALLEL SESSIONS 3

PRODUCTIVITY, DISTRIBUTION 2

- Impact of climate on growth and mortality of trees in the Black Forest. **Heinrich Spiecker** - Institute for Forest Growth - Germany
- The impact of climate change on the health condition and yield of sessile oak along its xeric limit. **Attila Eredics** - University of West Hungary, Faculty of Forestry, Institute of Environmental and Earth Sciences - Hungary
- Exploring Eucalyptus fastigata growth with 3PG projections in New Zealand under different climate scenarios. **Dean Meason** - SCION - New Zealand
- Vulnerability of key French forest tree species to climate change, possibility of substitution of species in forestry. **Christel Anger** - INRA - France

MANAGEMENT FOR ADAPTATION 1

- The role of forestry in national climate change adaptation policy: An explorative assessment of cases from Sweden, Germany, France and Italy. **Carina H. Keskitalo** – UMEA University - Sweden
- REsource INFrastructures for monitoring, adapting and protecting European Atlantic FORests under Changing climate. **Christophe Orazio** – EFI Atlantic
- Designing Adaptive and Sustainable Forests in Response to Climate Change: A case study in Northern Wales. **Duncan Ray** – Forest Research - UK
- Deployment of alternative species in conifer plantation forests in New Zealand and the United Kingdom as a means of adaptation to climate change a comparative case study and risk analysis. **Bill Mason** – Forest research - Scotland
- Adaptive management of mountain forests. **Robert Jandl** – Forest Research Center - Austria
- Optimizing the management of even-aged beech stands under climate change uncertainty. **Antoni Trasobares** – ETH - Switzerland

MITIGATION 1

- Wood preservation (carbon sequestration) or wood burning (fossil-fuel substitution), which is best for mitigating climate change? **Philippe Leturcq** – Univ. Toulouse - France
- Dividing GHG emissions by 4 in the French housing sector: contribution of land use efficiency in forestry and agriculture. **Arthur Riedacker** and **Stefano Migliore** – Silva et Oikos - France
- Mitigation of climate change thru boreal forest management. **Kenneth Sahlén** – Univ. Agricultural Science - Sweden
- Assessing and improving the overall carbon balance of the forest-wood sector: methods and approaches, uncertainties and consequences. **Sebastian Rueter** - Johann Heinrich Von Thuenen Institut - Germany

12:30 – 14:00

LUNCH

TUESDAY 22 MAY

14:00 – 15:45. SCIENTIFIC PARALLEL SESSIONS 4

DISTURBANCES 1	MANAGEMENT FOR ADAPTATION 2	MITIGATION 2
• The WINDA-GALES wind damage probability planning tool. Barry Gardiner – Forest Research, Northern Research Station - United Kingdom • Drivers and impacts of intensified disturbance regimes in European forests. Rupert Seidl - University of Natural Resources and Life Sciences (BOKU) - Austria • Observed and expected impact of climate change on a defoliator insect species, the pine processionary moth, in France and Europe. Christelle Robinet - INRA - France • Disturbance-driven northwards spread of European beech in Southern Sweden. Andreas Bolte - Johann Heinrich von Thünen-Institute, Institute of Forest Ecology and Forest Inventory - Germany • Likelihood of improving climatic conditions for the pine-tree lappet moth (<i>Dendrolimus pini</i>) in Scotland: an examination of the probabilistic climate change projections for the UK. Duncan Ray - Forest Research - UK	• Adaptive forest fire management in the Mediterranean Europe. Yannis Raftoyannis – Technological Educational Institute of Lamia - Greece • Optimizing the management responses to the climate change in the boreal conditions methods and findings. Seppo Kellomäki – University of Eastern Finland - Finland • Adapting forests to climate change in the French Mediterranean Mountains: how far forest management can facilitate species succession, consider growth potential modification, and ensure the continuity of some ecosystem services. Philippe Dreyfus – INRA - France • Exploring adaptive management options under climate change in a biosphere reserve. Stefan Schörghuber – Institute of Silviculture - Austria • Wind damage probability-reducing forest management and its effects on recreation- and life-style values, and yield. Kristina Blennow – University of Agricultural Sciences - Sweden • Close-to-nature silviculture as adaptation strategy to climate change. Peter Brang – Federal Institute of Forest - Switzerland	• Fuelwood, timber and climate change: Insights from forest sector modeling. Sylvain Cauria – INRA - France • The impacts of the Kyoto protocol on climate change mitigation in boreal forests. Hanne K. Sjølie – University of Life Science - Norway • Sequester or substitute - Consequences of the increased production of bioenergy in Finland. Maarit Kallio – Finnish Forest Research Institute - Finland • Tool for Simulation of Forest Mitigation Potentials. Volker Mues - Von Thünen Institute (Vti) - Germany • Forest biomass production and their potential use to mitigate climate change. Bishnu Chandra Poudel – Mid Sweden University – Sweden • Kyoto forests in middle Zavolgie of Russia: monitoring, validation and certification. Eldar Kurbanov – Mari State Technical Univ. - Russia
15:45 – 16:15	COFFEE BREAK	

TUESDAY 22 MAY

16:15 – 18:00. SCIENTIFIC PARALLEL SESSIONS 5

DISTURBANCES 2	MANAGEMENT FOR ADAPTATION 3	SOCIO ECONOMIC ASPECTS AND KNOWLEDGE MANAGEMENT
• Uncertainties of forest risks assessment under climate change. Johannes Merklein - Göttingen University - Germany • Overview of European forest pest and pathogen population responses to climate change. Andrea Battisti – University of Padova - Italy • Responses of forest pests to climate change: tree resistance and herbivore damage along European elevational gradients. Ewelina Czwieneczek - Poland • Forest insects and climate change: Can management mitigate the risks? Christer Björkman - University of Agricultural Sciences - Sweden • Historical range of variability in temperate mountain spruce forests of Central Europe. Miroslav Svoboda - Czech University of Life Sciences – Czech Republic • Drought explains outbreak dynamics and altitudinal range expansion of a destructive bark beetle. Lorenzo Marini – University of Padova - Italy	• Stand composition and stocking management in Mediterranean Stone pine (<i>P. pinea</i> L.) forests as adaptive measures to climate change. Javier de Dios – CIFOR INIA – Spain • Vulnerability assessment of ecosystem services and adaptive management options in Austrian mountain forests under climate change. Michael Maroschek – Institute of Silviculture - Austria • Territorial foresight and regional strategies for forest management in the face of climate change - The Landes de Gascogne 2050: case study. Olivier Mora – INRA - France • Climate change impact and adaptation in the managed Canadian boreal forest: a review of current knowledge. Pierre Bernier – Canadian Forest Service - Canada • Tree breeding as a tool to minimize possible adverse effects of climate changes on forest trees. Aris Jansons - LSFRI SILAVA - Latvia • Preparedness to climate change in European forestry based on COST ECHOES database on adaptive measures. Marcus Lindner – EFI - Finland	• A first national assessment of climate change risks for forestry in the UK. Andy Moffat – Forest Research - UK • Assessing ExpertsOpinion on Challenges and Opportunities of Tackling Deforestation in the tropics: a Q- Method Application. Maria Nijnik – The James Hutton Institute - UK • Adaptation, mitigation and ecosystem services - Challenges to sustainable forest management and research needs. Jean-François Dhôte – ONF - France • Forest owner motivations and attitudes towards land-use change for bio-energy production in Europe. Kristina Blennow - University of Agricultural Sciences - Sweden • A web-based tool for participatory vulnerability assessment of forest ecosystem services. Werner Rammer - Institute of Silviculture - Austria • No manual for the future: helping private woodland owners to adapt to climate change. Mariella Marzano – Forest Research - UK • Modelling for Knowledge Update in Adaptive Forest Management. Rasoul Yousefpour - Forest & Landscape - Denmark • Forest change - Generating, Integrating and Delivering Climate Change Knowledge to Support Forest Sector Adaptation in Canada. Catherine Ste-Marie – Canadian Forest Service - Canada
19:00 – 23:00	OFFICIAL DINNER (with the participation of ONF hunting-horns players)	

WEDNESDAY 23 MAY - MORNING

8:30 – 10:00	Opening Plenary Session - Forum for stakeholders and scientists - Address of the Ministry in charge of Agriculture (François Moreau, to be confirmed) Moderator: Prof. Frits Mohren (Wageningen University, The Netherlands) - Science decision interface in Europe: Think forest: Gert-Jan Nabuurs (EFI) - The role of culture in climate change and its effect on history. Klaus Theo Seeland (ETHZ, Switzerland) - Forest contribution to tackle climate change: French public policies and ADEME's actions. Caroline Rantien (ADEME) - Setting the scene: Climate change in Europe: Emmanuel Cloppet (Météo France)
10 :00 – 10 :30	COFFEE BREAK
10:30 – 12:30	Plenary Panel Sessions - Forum for Stakeholders and Scientists - Understanding ecological, economic and social climate change impacts Moderator: Petra Lasch (PIK, Germany) Emmanuel Cloppet (Météo France) Linda Joyce (US Forest Service, USA) Marcus Lindner (EFI) François Lefèvre (INRA, France) Heinrich Spiecker (Institute for Forest Growth, Germany) Nicklaus E. Zimmerman (WSL, Switzerland) – to be confirmed Andy Moffat (Forest Research, UK) – to be confirmed - Forest management under climate change (adaptation and mitigation) Moderator: V. Alaric Sample (Pinchot Institute, USA) Inazio Martinez de Arano (USSE) Jean-François Dhôte (ONF, France) Duncan Stone (Scottish National Heritage, UK) Rodney J Keenan (Melbourne Univ, Australia) – to be confirmed Manfred Lexer (Vienna Univ. Of Land Management, Austria) Seppo Kellomäki (University of Eastern Finland)
12:30 – 14:00	LUNCH

MERCREDI 23 MAI - MATIN

8:30 – 10:00	Session plénière – Ouverture du Forum pour décideurs et scientifiques • Introduction du Ministère en charge de l'Agriculture (François Moreau, à confirmer) Modérateur : Prof. Frits Mohren (Univ. De Wageningen, Pays-Bas) • Interface Science Décision en Europe : Think forest : Gert-Jan Nabuurs (EFI) • Le rôle de la culture dans le changement climatique et son effet sur l'histoire. Klaus Theo Seeland (ETHZ, Suisse) • Contribution de la forêt dans la lutte contre le changement climatique : politiques publiques françaises et actions de l'ADEME. Caroline Rantien (ADEME, France) • Dresser le décor : quel changement climatique en Europe ? Emmanuel Cloppet (Météo France)
10 :00 – 10 :30	PAUSE-CAFÉ
10:30 – 12:30	Sessions plénières – Tables rondes du Forum pour décideurs et scientifiques 1. Comprendre les impacts écologiques, économiques et sociaux du changement climatique Modérateur: Petra Lasch (PIK, Allemagne) - Emmanuel Cloppet (Météo France) - Linda Joyce (US Forest Service, USA) - Marcus Lindner (EFI) - François Lefèvre (INRA, France) - Heinrich Spiecker (Institute for Forest Growth, Allemagne) - Nicklaus E. Zimmerman (WSL, Suisse) – à confirmer - Andy Moffat (Forest Research, Royaume-Uni) – à confirmer 2. La gestion forestière dans un contexte de climat changeant (adaptation et atténuation) Modérateur: V. Alaric Sample (Pinchot Institute, USA) - Inazio Martinez de Arano (USSE) - Jean-François Dhôte (ONF, France) - Duncan Stone (Scottish National Heritage, Royaume-Uni) - Rodney J Keenan (Melbourne Univ, Australie) – à confirmer - Manfred Lexer (Vienna Univ. of Land Management, Autriche) - Seppo Kellomäki (University of Eastern Finland, Finlande)
12:30 – 14:00	DÉJEUNER

WEDNESDAY 23 MAY - AFTERNOON

14:00 – 16:00	<i>Plenary Panel Sessions - Forum for Stakeholders and Scientists</i> 3. Public policies and governance facing climate change <i>Moderator: Marc Hanewinkel (WSL, Switzerland)</i> - Olivier Picard (CNPFF, France) - Caroline Rantien (ADEME) - Michael Stephens (Australian Forest products association) - Pierre Bernier (Canadian Forest Service) – to be confirmed - Gert-Jan Nabuurs (EFI) 4. Forest monitoring designed for climate change <i>Moderator: Guy Landmann (ECOFOR, France)</i> - Andreas Bolte (VTI, Germany) – to be confirmed - Liquete Camino (JRC) – to be confirmed - Hervé Jactel (INRA, France) – to be confirmed - Robert Jandl (Forest Research Center, Austria) – to be confirmed - Georges Kunstler (Irstea, France) - Christophe Orazio (EFI Atlantic)
16:00 – 16:30	COFFEE BREAK
16:30 – 18:00	<i>Closing session</i> <i>Moderator: Claire Hubert (Ministry in charge of Ecology and Sustainable Management, Research Dept.)</i> • Echoes recommendations for forestry facing climate change in Europe. Jean-Luc Peyron and ECHOES Committee • Strategies facing climate change in the Mediterranean Basin. Rémi Veyrand (AIFM) • Recommendations for forestry facing climate change in Canada. Catherine Sainte-Marie (Canadian Forest Service) • US strategies for climate change adaptation. V. Alaric Sample (Pinchot Institute, USA) • Synthesis and outcomes
18:00 – 20:00	Satellite meeting: ECHOES Management Committee and COST evaluation panel

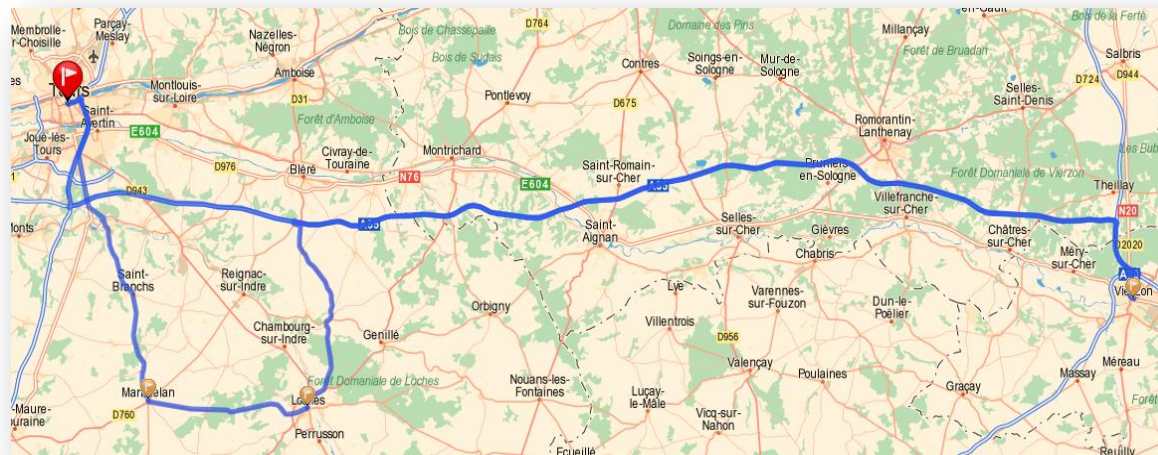
MERCREDI 23 MAI – APRÈS MIDI

14:00 – 16:00	Sessions plénières – Tables rondes du Forum pour décideurs et scientifiques 3. Quelles politiques publiques et quelle gouvernance pour faire face au changement climatique Modérateur: Marc Hanewinkel (WSL, Suisse) - Olivier Picard (CNPf, France) - Caroline Rantien (ADEME) - Michael Stephens (Australian Forest products association) - Pierre Bernier (Service Canadien des Forêts) – à confirmer - Gert-Jan Nabuurs (EFI) 4. Quel type de suivi continu des forêts pour les effets du changement climatique Modérateur: Guy Landmann (ECOFOR, France) - Andreas Bolte (VTI, Allemagne) – à confirmer - Liquete Camino (JRC) – à confirmer - Hervé Jactel (INRA, France) – à confirmer - Robert Jandl (Forest Research Center, Autriche) – à confirmer - Georges Kunstler (Irstea, France) - Christophe Orazio (EFI Atlantic)
16:00 – 16:30	PAUSE-CAFÉ
16:30 – 18:00	Session de clôture Modérateur: Claire Hubert (MEDDTL, Service Recherche) • Les recommandations d'Echoes à l'intention du secteur forestier pour faire face au changement climatique en Europe. Jean-Luc Peyron et Comité ECHOES • Stratégies pour faire face au changement climatique dans le Bassin Méditerranéen. Rémi Veyrand (AIFM) • Quelles recommandations au secteur forestier pour faire face au changement climatique au Canada. Catherine Sainte-Marie (Service Canadien des Forêts) • Stratégies d'adaptation au changement climatique pour les Etats Unis. V. Alaric Sample (Pinchot Institute, USA) • Synthèse et bilan de la conférence
18:00 – 20:00	Réunion satellite : Comité de pilotage d'ECHOES et comité d'évaluation COST

Thursday 24 May: Field trips

EAST ROUTE 1 **Vierzon - Loches**

- 7h45:** *Departure from Vinci Conference Center*
- 9h45 – 11h45:** *Visit of Vierzon State Forest:*
- *Decline of oak and contingency measures*
- 11h45 - 13h00:** *Lunch at restaurant in Vierzon*
("Le Chalet de la Forêt" – Ph. #: 02 48 75 35 84)
-
- 13h00 – 14h30:** *Route to Loches*
- 14h30 – 15h00:** *Visit of Loches State Forest:*
- *Silviculture of sessile oak*
- 15H00 - 15H15:** *Route to the forest of Kerleroulx*
- 15h15 – 16h45:** *Visit of a private forest (Forest of Kerleroulx, Manthelan township):*
- *Discussion on the decline of pedunculate oak*
 - *Diagnosis of tree resilience after drought (Archi)*
 - *Diagnosis of the site and adapted species*
- 16h45 - 17h30:** *Route to Tours*
- 17h30:** *Arrival at the Conference Center*



JEUDI 24 MAI - TOURNEES DE TERRAIN

TOURNEE EST 1
Vierzon - Loches

7h45: Départ du Centre de Congrès VINCI

9h15 – 11h45 : Visite de la forêt domaniale de Vierzon :
- **Dépérissement du chêne et gestion de crise**

11h45 – 13h00 : Déjeuner au restaurant à Vierzon
(« Le Chalet de la Forêt » - Tél : 02 48 75 35 84)

13h00 – 14h30 : Trajet vers Loches

14h30 – 15h00 : Visite de la forêt domaniale de Loches :
- Sylviculture du chêne sessile

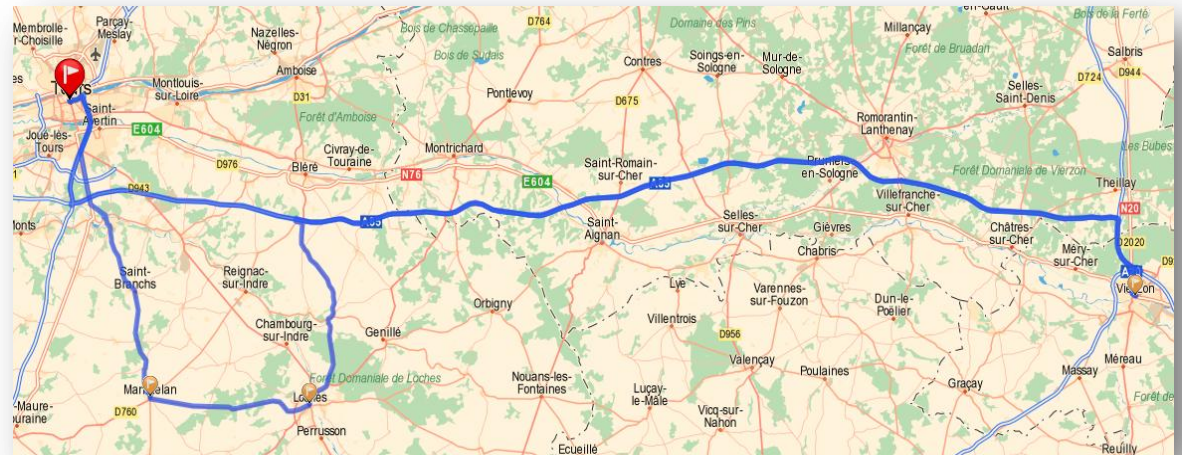
15h00 – 15h15 : Trajet vers la forêt de Kerleroulx

15h15 – 16h45 : Visite d'une forêt privée (Forêt de Kerleroulx, Commune de Manthelan) :

- **Discussion sur le dépérissement du chêne pédonculé**
- **Diagnostic de la résilience des arbres après sécheresse (Archi)**
- **Diagnostic du site et des variétés adaptées**

16h45 – 17h30 : Trajet vers Tours

17h30 : Arrivée au Centre de Congrès VINCI



EAST ROUTE 2 Loches - Vierzon

7h45: *Departure from Vinci Conference Center*

8h45 – 10h15: *Visit of a private forest close to Loches (Forest of Kerleroulx, Manthelan township):*

- *Discussion on the decline of pedunculate oak*
- *Diagnosis of tree resilience after drought (Archi)*
- *Diagnosis of the site and adapted species*

10h15-10h30: *Route to Loches State Forest*

10h30 - 11h00: *Visit of Loches State Forest:*

- *Silviculture of sessile oak*

11h00 - 12h30: *Route to Vierzon*

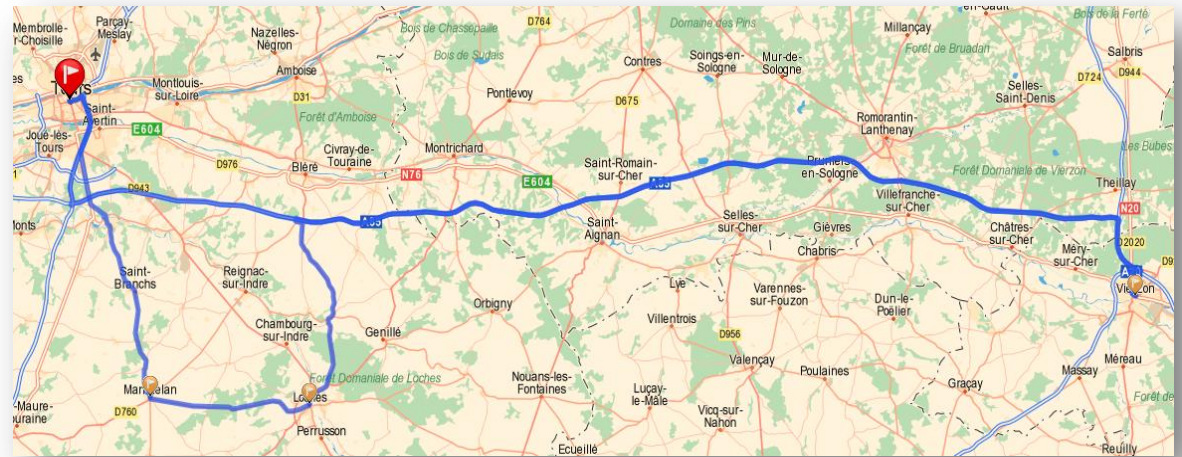
12h30 - 13h45 : *Lunch at restaurant
("La maison de Pays" – Ph. #: 02 48 71 68 81)*

13h45 - 16h00: *Visit of Vierzon State Forest:*

- *Decline of oak and contingency measures*

16h00 - 17h30: *Route to Tours*

17h30: *Arrival at the Conference Center*



TOURNEE EST 2
Loches - Vierzon

7h45: Départ du Centre de Congrès VINCI

8h45 – 10h15 : Visite d'une forêt privée (Forêt de Kerleroulx, Commune de Manthelan) :

- **Discussion sur le dépérissement du chêne pédonculé**
- **Diagnostic de la résilience des arbres après sécheresse (Archi)**
- **Diagnostic du site et des variétés adaptées**

10h15 – 10h30 : Trajet vers Loches

10h30 – 11h00 : Visite de la forêt domaniale de Loches :

- **Sylviculture du chêne sessile**

11h00 – 12h30 : Trajet vers Vierzon

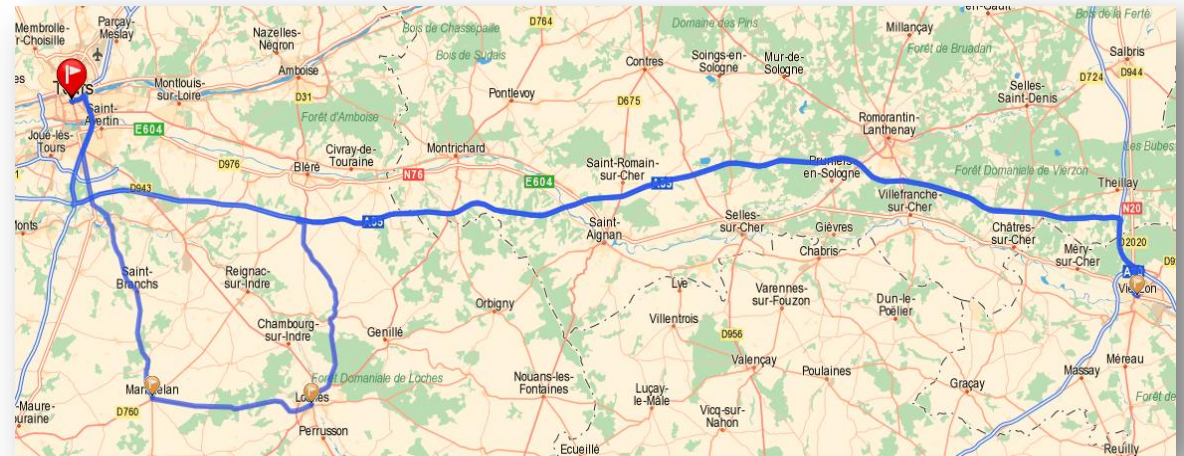
12h30 – 13h45 : Déjeuner au restaurant à Vierzon
 (« La maison de Pays » - Tél : 02 48 71 68 81)

13h45 – 16h00 : Visite de la forêt domaniale de Vierzon :

- **Dépérissement du chêne et gestion de crise**

16h00 – 17h30 : Trajet vers Tours

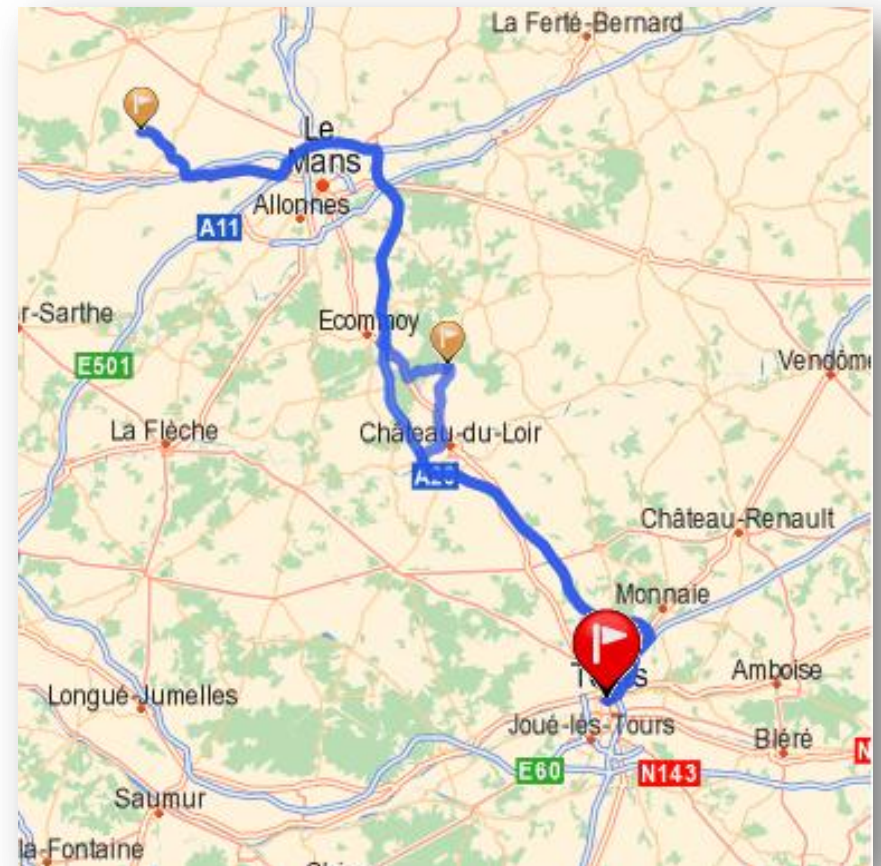
17h30 : Arrivée au Centre de Congrès VINCI



NORTH ROUTE

La Petite Charnie – Bercé

- 7h45:** *Departure from Vinci Conference Center*
- 9h45 -12h15:** *Visit of « La Petite Charnie » State Forest:*
- *Short history of the forest*
 - *Provenance tests of sessile (and pedunculate) oak*
 - *Intensive survey plot (from sessile to pedunculate oak)*
 - *Progeny tests of sessile and pedunculate oaks*
 - *Genetic variability and climate change*
- 12h30 – 13h30:** *Lunch at restaurant in Saint-Symphorien*
- 13h30 – 14h45:** *Route to Bercé State Forest*
- 14h45 – 16h15:** *Visit of Bercé State Forest:*
- *Silviculture of oak*
 - *Climate change (including forest fires)*
- 16h15 – 17h30:** *Route to Tours*
- 17h30:** *Arrival at Vinci Conference Center*



TOURNEE NORD

La Petite Charnie – Bercé

7h45 : **Départ du Centre de Congrès VINCI**

9h45 – 12h15 : **Visite de la forêt domaniale de La Petite Charnie :**

- *Brève histoire de la forêt*
- *Tests de provenance du chêne sessile (et pédonculé)*
- *Dispositif de suivi intensif du chêne (sessile et pédonculé)*
- *Tests de descendance des chênes sessile et pédonculé*
- *Variabilité génétique et changement climatique*

12h30 – 13h30 : **Déjeuner au restaurant à Saint-Symphorien**

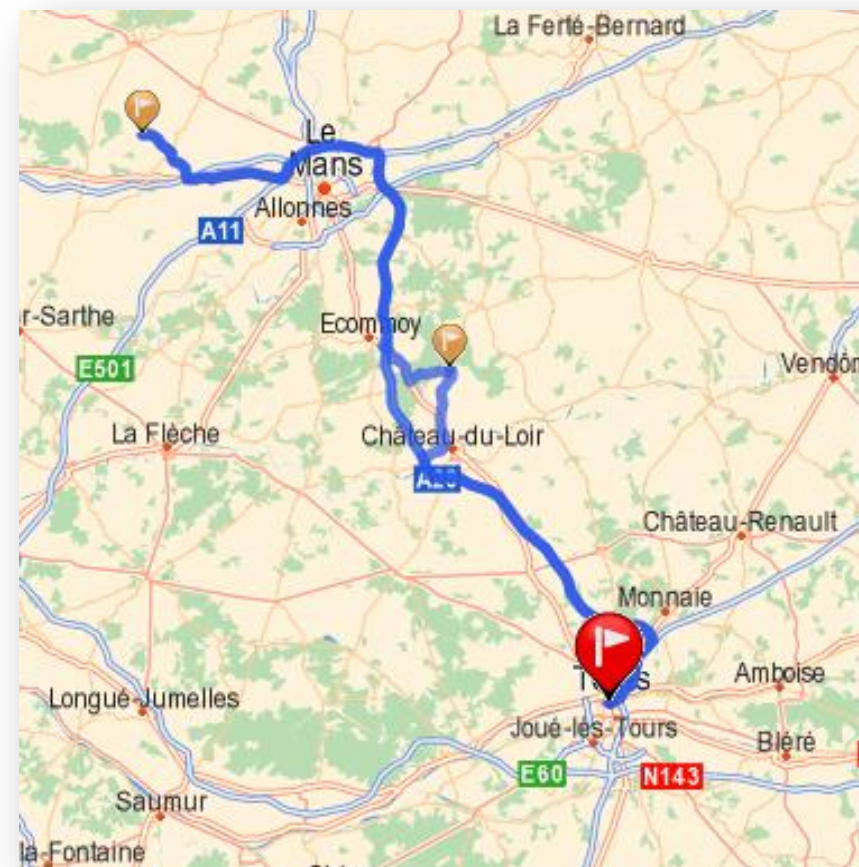
13h30 – 14h45 : **Trajet vers la forêt domaniale de Bercé**

14h45 – 16h15 : **Visite de la forêt domaniale de Bercé :**

- *Sylviculture du chêne*
- *Changement climatique (y compris les incendies)*

16h15 – 17h30 : **Trajet vers Tours**

17h30 : **Arrivée au Centre de Congrès VINCI**



Partnership

