

# Climate Change, Agriculture and Forestry

May 7<sup>th</sup> 2014, French Embassy in Berlin

Wilhelmstrasse 69, 10117 Berlin, Germany

French-German Bilateral Symposium

## PROGRAM 1/2

08:00 Registration

08:30 Opening of the Symposium

08:35 Welcome Address

Embassy of France in Germany

08:45 Keynote

Markus Reichstein - Max-Planck-Institute for Biogeochemistry, Jena

Jean-François Soussana – National Institute of Agronomic Research (INRA), Paris

09:15 **Session 1: Forestry, Climate Extremes and the Terrestrial Carbon Balance**

Chair: Markus Reichstein

09:20 Interactive effects of management and extreme climatic events on the forest carbon cycle

Denis Loustau – INRA, Bordeaux ; Damien Bonal – INRA, Nancy

09:45 Learning from observations of climate extremes and their effects in ecosystems

Nuno Carvalhais, Miguel Mahecha - Max-Planck-Institute for Biogeochemistry, Jena

10:10 Coffee Break

10:30 **Session 2: The Greenhouse Gas Balance of Agriculture and Climate Change**

Chair: Jean-François Soussana

10:35 The European greenhouse gas balance and land-use : insights from the GHG-Europe project

Annette Freibauer - Thünen-Institute of Climate-Smart Agriculture, Braunschweig

11:00 Technical mitigation options to reduce greenhouse gas emissions at farm level: potential attenuation and cost analyses

Sylvain Pellerin – INRA, Bordeaux; Katja Klumpp – INRA, Clermont-Ferrand

## PROGRAM 2/2

### 11:25 Session 3: Climate Change Impacts on Agriculture

Chair: Markus Reichstein

11:30 Crop and grassland responses to climate change factors: uncertainties and adaptation strategies

Gianni Bellocchi – INRA, Clermont-Ferrand

11:55 Uncertainties in scaling up crop models for large area climate change impact studies

Frank Ewert - Friedrich-Wilhelms University, Bonn

12:20 Lunch

### 13:30 Session 4: Bioeconomy, Ecosystem Services and Climate

Chair: Jean-François Soussana

13:35 Linking bioeconomy, forest management and climate mitigation

Sylvain Caurla – INRA, Nancy; presently visiting researcher at Potsdam Institute for Climate Impact Research (PIK), Potsdam

14:00 Joining forests and croplands: assessing the value of agroforestry under climate change pressures by quantifying ecosystem services

Alberte Bondeau - CNRS, IRD, Université Aix-Marseille, Marseille

### 14:25 Session 5: Global Biosphere Modeling

Chair: Jean-François Soussana

14:30 Climate change impact of agriculture on the global carbon cycle and land use

Nicolas Viovy – Climate Sciences and Environment Laboratory, Gif-Sur-Yvette

14:55 Terrestrial nitrogen-carbon cycle interactions under changing climate and land-use at the global scale

Sönke Zaehle - Max-Planck-Institute for Biogeochemistry, Jena

### 15:20 Outlook

Future German-French research collaborations and contributions to science conferences in preparation of COP21

Jean-François Soussana

Markus Reichstein

15:40 Symposium closure

15:50 “Get Together” and end of the event

---

**Registration** (free of charge) before the 1st of May 2014 by sending full name, institution, email address and telephone number to: Clément Guyot, deputy attaché for environment, [clement.guyot@diplomatie.gouv.fr](mailto:clement.guyot@diplomatie.gouv.fr)

**More information:** Jolanta Lewandowska, Scientific Attaché at the French Embassy in Berlin  
[Jolanta.lewandowska@diplomatie.gouv.fr](mailto:Jolanta.lewandowska@diplomatie.gouv.fr); Tel. + 49 30 590 03 92 55