



The impact of global change on the emergence of plant diseases and pests in Europe

INTERNATIONAL CONFERENCE

PROGRAMME

23 & 24
APRIL 2018

Maison de la RATP - Espace du Centenaire
189, rue de Bercy
75012 Paris

#2018GlobalChange

8:30 **Registration**

9:00 **WELCOME**

Martin Ward, Director General of EPPO
Bernhard Url, Director General of EFSA
Roger Genet, Director General of ANSES

9:15 **OPENING**

Patrick Dehaumont, Director General of Food, Ministry of Agriculture and Food

9:30 **SESSION 1 - IMPACTS OF THE GLOBALISATION
OF TRADE AND HUMAN MIGRATION ON THE EMERGENCE OF PLANT
DISEASES AND PESTS**

Moderator: Géraldine Anthoine, ANSES/Plant Health Laboratory, Angers, France

09:30 **Impact of Globalization on Plant Health and the IPPC Strategie**

Jingyuan Xia, International Plant Protection Convention, Rome, Italy

09:50 **Management of introductions in China, the «Silk Road Economic Belt» project**

Wan Fanghao, Chinese Academy of Agricultural Sciences, Beijing, China

10:10 **Tracing the role of human civilization in the globalization of plant pathogens**

Alberto Santini, Institute for Sustainable Plant Protection, Florence, Italy

10:30 **Emergence of wheat blast in India and Bangladesh: an increased risk for Europe?**

Didier Tharreau, French Agricultural Research Centre for International Development, Montpellier, France

10:50 **Coffee break**

11:20 **Recent introductions of *Xylella fastidiosa* in Europe**

Charles Manceau, Scientific Director for plant health, French Agency for Food, Environmental and Occupational Health & Safety, Maisons-Alfort, France

11:40 **Global change and health risks associated with invasive forest insect pests**

Hervé Jactel, Member of ANSES's CES on Plant Health, National Institute for Agricultural Research, Bordeaux, France

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12:00 **Emergence of harmful organisms: what lessons can be learned?**
Françoise Petter, European and Mediterranean Plant Protection Organization, Paris, France

12:20 Questions

12:40 *Free time for lunch*

14:00 **SESSION 2 - IMPACTS OF CLIMATE CHANGE ON THE EMERGENCE OF PLANT DISEASES AND PESTS**

Moderator: Marie-Line Caruana, Member of ANSES's Scientific Committee, French Agricultural Research Centre for International Development, Montpellier, France

14:00 **Analysis of the effect of climate on plant pests and diseases**
Darren J. Kriticos, Commonwealth Scientific and Industrial Research Organisation, Canberra, Australia

14:20 **Impact of climate change on fungal diseases of agroecosystems**
Laurent Huber, «Functional ecology and ecotoxicology of agroecosystems» joint research unit, National Institute for Agricultural Research, AgroParisTech, Grignon, France

14:40 **Impact of climate change on plant pests: the case of the pine processionary moth**
Alain Roques, National Institute for Agricultural Research, Orléans, France

15:00 **Media monitoring to identify emerging plant health risks: the case of the fall army worm invasion in Africa**
Giuseppe Stancanelli, European Food Safety Authority, Parma, Italy

15:20 **Exploring global changes consequences on emergence of plant diseases and pests by quantitative risk assessment**
Gianni Gilioli, University of Brescia, Member of the Panel on Plant Health, European Food Safety Authority, Parma, Italy

15:40 **Plant invasions, causes and effects of global changes: focus on two emerging ragweeds**
Xavier Tassus, ANSES Plant Health Laboratory, Angers, France and Arnaud Monty, University of Liège, Gembloux, Belgium

16:00 Questions

16:15 **CLOSING OF THE FIRST DAY**

8:30 **Registration**

9:00 **SESSION 3 - IMPACTS OF CHANGES IN AGRICULTURAL PRACTICES ON THE EMERGENCE OF PLANT DISEASES AND PESTS**

Moderator: Philippe Giordanengo, member of ANSES's Scientific Committee, National Institute for Agricultural Research, Sophia Antipolis, France

09:00 **Biodiversity losses and its impacts on humanity**

Lorraine Maltby, University of Sheffield, Sheffield, United Kingdom

09:20 **Agroecology: principles, application and consequences on plant diseases**

Corinne Robert and Alexandra Jullien, National Institute for Agricultural Research, AgroParisTech, Grignon, France

09:40 **Unexpected consequences of a disease resistance gene introduction in crops. The apple scab case study**

Bruno Le Cam, National Institute for Agricultural Research, Angers, France

10:00 **Coffee break**

10:30 **Alternative strategies for the management of agricultural insect pests**

Charles Vincent, Agriculture and Agri-Food Canada, Quebec, Canada

10:50 **Selection-driven emergence of resistance-breaking recombinant tomato yellow leaf viruses in Mediterranean countries**

Michel Peterschmitt, French Agricultural Research Centre for International Development, Montpellier, France

11:10 **EFSA's approach to climate change as a driver of emerging risks**

Angelo Maggiore, European Food Safety Authority, Parma, Italy

11:30 Questions

12:00 **Free time for lunch**

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14:00

TABLE RONDE - MONITORING EMERGENCES OF PLANT PESTS AND DISEASES

Moderator: Olivier Alleman, journalist specialized in agriculture

- **Michael J. Jeger**, Chair of EFSA's Panel on Plant Health, Imperial College, London, United Kingdom
- **Philippe Reignault**, Chair of the CES on Plant Health, ANSES, Maisons-Alfort, France
- **Anne-Cécile Cotillon**, Deputy Director of Plant Quality, Health and Protection, Directorate General for Food, Ministry of Agriculture and Food, Paris, France
- **Harry Arijs**, Deputy Head of Unit, Directorate-General for Health and Food Safety, DG SANTE, European Commission, Brussels, Belgium
- **Olivier Le Gall**, Chair of the Scientific Integrity Committee, Research Director, INRA, Bordeaux, France
- **Jean-François Silvain**, Chair of the Foundation for Research on Biodiversity (FRB), Paris, France

15:30

CLOSING

Charles Manceau, Scientific Director for plant health, French Agency for Food, Environmental and Occupational Health & Safety, Maisons-Alfort, France

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