



International Organisation for Biological and Integrated
Control of Noxious Animals and Plants (IOBC)

West Palearctic Regional Section (WPRS)

Organisation Internationale de Lutte Biologique et Intégrée contre les Animaux et les Plantes Nuisibles (OILB)
Section Régionale Ouest Paléarctique (SROP)

XI Meeting of the Working Group Biological control of fungal and bacterial plant pathogens

Climate change: challenge or threat to biocontrol?



7-11 June 2010

First circular

Convenor:

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Dear Colleagues,

Following the meeting of the Phytopathogens WG in **Interlaken 9-12 September 2008**, we will organize a meeting in Graz (Austria). Gabriele Berg will organize it. The workshop will take place in Graz University of Technology that is equipped with all necessary facilities for such a meeting. Graz is easily accessed from outside Austria. It is situated in a nice area, which you will surely enjoy during your staying.

The theme of the workshop will be: “The effect of climate change on biocontrol of plant disease”. All contributions relating only to biocontrol of diseases are welcome, but priority to oral presentation will be given to research which discusses climatic aspects. The emphasis will be on climate influence on biocontrol, but all aspects of biocontrol may also be addressed.

We will emphasize:

- i.* Climate change, biocontrol and integrated plant disease management: impact, adaptation, negative and positive side effects on biocontrol.
- ii.* Effect of climatic factors on disease development and biocontrol.
- iii.* Molecular tools to study microbial populations in different environments, crops and climate.
- iv.* Climatic stress and biocontrol.
- v.* Case studies of adaptation to climate change in biocontrol: successes and problems encountered.
- vi.* Biocontrol and integrated disease management in different environments.
- vii.* Integration of microbials and other adaptation tools.
- viii.* Commercial use of microbials for management of diseases - present situation and prospects in a view of climate change, including new/near registration products.
- ix.* Application of natural substances/microbials against diseases in different environments and climate.
- x.* Effect stress on host plant resistance (including induced resistance).
- xi.* Biocontrol and climate – all aspects.
- xii.* New bio resources for biocontrol.
- xiii.* Mechanisms and signalling in biocontrol.
- xiv.* Way to commercialization: mass production, formulation methods and risk assessment.
- xv.* All aspects of biocontrol.

We wish to bring together students, experts, researchers and implementers of diseases biocontrol and IPM and climatologists to discuss potential improvements of biocontrol and integrated control. We expect approximately 150-200 participants from many countries to participate in the workshop, as was the case in our earlier workshops. It is too early to give you precise information about the duration and time schedule of the workshop; however, we expect that it will last 3-4 full days including half day tour.

Presentations will be carried out orally or as posters, in English, and ample amount of time will be devoted to discussions. As usually done, we expect to publish short papers of the presentations in the frame of the IOBCwprs Bulletin. The **second circular** with information regarding time, costs, publication, dead lines etc. will be out in **September 2009**.

We look forward to seeing you in Graz, Austria.

Ilaria and Gabriele

Please post this circular and pass it to colleagues that may be interested in attending the workshop.

Information on the workshop: will be sent with the second circular in September 2009.

Information on the phytopathogens working group: http://www.iobc-wprs.org/wg_sg/index.html