



EUROPEAN WEED RESEARCH SOCIETY

Europäische Gesellschaft für Herbolgie • Société Européenne de Malherbolgie

EWRS Training Workshop @ IWSC 2020

“Confirming and characterizing herbicide resistance”

The EWRS Education & Training Working group is organizing a pre-congress workshop on herbicide resistance before the IWSC 2020 in Bangkok (Thailand). This free half day workshop will introduce students and researchers to methods and considerations for the identification, sampling, confirmation and characterization of evolved herbicide resistance in weed populations.

The aim of the workshop is to provide attendees with an overview of the steps required to identify, confirm and manage herbicide resistance. Specific areas covered will include identifying and sampling suspected resistant populations, methods for surveying herbicide resistance at various scales, whole plant resistance assays and resistance testing methods and associated analysis of results, resistance diagnostics and identifying mechanisms of resistance and methods to study the evolution of resistance, including modelling of resistance management strategies. We will use our experience of working with blackgrass (*Alopecurus myosuroides*) to provide some real-world examples, though we anticipate that the methods discussed will be relevant to all weed species with suspected herbicide resistance.

Lecturers

Dr. Paul Neve (Agriculture & Horticulture Development Board, UK)
Dr. Roland Beffa (Bayer Crop Science, Germany)

Date of the workshop: June 21st 2020, 08:30-12:30

Duration of the course: 4 hours

Course Organizers

Prof. Dr. Hüsrev Mennan, EWRS Scientific Secretary (Ondokuz Mayıs University, Turkey)
Dr. Lena Ulber, Chair of the EWRS Working Group Education & Training (Julius Kuehn-Institute, Germany)

Fees and costs

There is no fee to attend the course which will be limited to a maximum of 25 attendees.

Registration

Please send your registration by e-mail to Lena Ulber (lana.ulber@julius-kuehn.de) and Husrev Mennan (hmennan@omu.edu.tr) until **29 May 2020** with the course application form attached.