



EUROPEAN WEED RESEARCH SOCIETY

Europäische Gesellschaft für Herbologie • Société Européenne de Malherbologie

EWRS Training Workshop @ IWSC 2022

“Confirming and characterizing herbicide resistance”

The EWRS Education & Training Working group is organizing a pre-congress workshop on herbicide resistance before the IWSC 2022 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, dose response analysis and statistics, resistance diagnostics and identifying mechanisms of resistance. 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. After an introduction on the different topics, the workshop will be focused on practical approaches aiming to identify and characterize herbicide resistant populations in a day to day work.

Lecturers

Professor Paul Neve (Department of Plant & Environmental Sciences, University of Copenhagen)
Dr. Roland Beffa (Senior Scientist Consultant, Germany)

Date of the workshop: December 4th 2022, time tba

Duration of the course: approx. 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)
Dr. Do Soon Kim (Seoul National University, Korea)

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 (lena.ulber@julius-kuehn.de) and Husrev Mennan (hmennan@omu.edu.tr) until **31 Oct 2022** with the course application form attached.