

Tuesday 21 March 2017

Pre-event workshop: How to interpret effect based field studies

Facilitated by: Dr. Marco Candolfi (Eurofins Agrosience Services) and Dr. Frank Bakker (Eurofins MITOX)

The workshop will run from 14.00 to 17.00 with lunch prior to the workshop at 13.00 and mid-afternoon refreshments.

The workshop will consist of the following elements:

1. Discussion on the RIVM guidance on data presentation relevant for non-target arthropods and earthworms.
2. Using standard statistical tools to evaluate field data:
 - a) The spectrum of species affected: statistical criteria (MDD + hypothesis-test)
 - b) PRC evaluation
 - c) Image analysis
 - d) Multivariate vs multiple univariate data
 - e) Co-variables
 - f) Pre-selection criteria.
3. The biological interpretation from field trial data
 - a) Differentiating acute effects and recovery
 - b) Differences between NOEC and NOEAEC endpoints
 - c) Resistance in mites (worst case vs practice)
 - d) Mobility vs plot size and recovery time
 - e) Source-sink relationships
 - f) Recovery time in relation to the ecology of species
 - g) Stage structure of populations
 - h) Consistency of effects and of recovery
 - i) Taxonomic pooling.
4. A case study.

If you have any specific aspects you wish to include and would like to contact the facilitators, please contact Louis Wyness or Elaine Hardy on +44 (0) 1423 863 522

WHEN
22 March 2017
(Wednesday)

WHERE
Rothamsted Centre for Research
and Enterprise, Harpenden, UK

PRICE
from £480 + VAT

CONFERENCE LANGUAGE
English

 +44 (0) 1423 863 522  enquiries@tsgeforum.com

www.tsgeforum.com

