Landscape management for functional biodiversity

Bärbel Gerowitt, University of Rostock
Graham Begg, James-Hutton-Institute, Dundee

Liaison-Officer: John Holland
Working Group **Landscape Management for Functional Biodiversity** since 2001, as biocontrol and IPM needs to be regarded more spatially.

Spatial dimensions are:
- the landscape from plots to regions,
- non-cropped parts on farmers fields like strips sown between fields with flower-mixtures, grass-mixture to provide habitat and food for wildlife
- arrangements of main crops and companion plants to deliver ecosystem services (e.g. pollination, pest control)

Main goals are:
- Support biocontrol / IPM
- Prevent decrease of biodiversity in agricultural landscapes
- Provide research results and best management practice examples for GAP (EU ag-policy)
Results and benefits from WG activities

• Spatial aspects (landscape and smaller) matters for integrated control of weeds/pests/diseases

• Opportunities for enhancing ecosystem services in cropping and farming systems arise on spatial scales

• Interdisciplinary platform for exchange and discussion of research results

• Research across scales and across disciplines

• Involvement in administrative/political activities
WG-meeting Wageningen March 2019

Local Organizers
-Felix Bianchi
-Lennart Suselbeek
-Claudius van de Vijver

Scientific Committee:
-Graham Begg
-Felix Bianchi
-Camilla Moonen
-Daniela Lupi
-Mark Ramsden
-Paul van Rijn
-Han Zhang
-Bärbel Gerowitt
WG-meeting Wageningen March 2019

IOBC-bulletin 143, ready at the meeting – thanks to Ute!

38 Participants
26 Presentations, 5 Posters (12 + 2)

Sessions
- Pollinating
- Feeding and Foraging
- Supplying Flowers and Feed
- Seed Feeding
- Functional biodiversity in crops
- Biocontrol and Landscape
- Posters

Interactive Session on the NL Deltaplan for Biodiversity
Bike-excursion, Tour Wageningen Campus
IOBC was explained by John Holland

Work of IP-commission explained

Ideabook on Ecological Infrastructures presented

Future? Volunteers assisting in up-dating?
Next Workshop

16 – 18 March 2021

Milano (Italy)

Local organizers:
- Daniela Lupi and colleagues, University of Milano

Deadline for submission of papers will be in December 2020

Others

Involvement as stakeholder in the EU-commission process to establish *Specific protection goals for the environmental risk assessment of plant protection products - setting the basis* (2019, 2020)