



UNIVERSITY *of*
DEBRECEN

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- Visegrad Fund
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INVITATION

University of Debrecen, as the lead partner of the „Workshops on long-term agricultural effects on soils, as the natural resources of sustainability” project invites you for a 2-days workshop on the following topics: **„Sustainable land use based on Westsik long-term experiment with emphasis on P and K cycle. Waste utilisation possibilities in agriculture, focused on long-term application of composted sewage sludge.”**

Date of the event: 18-19 September, 2018. 8:45

Place of the event: University of Debrecen, IAREF, Research Institute of Nyíregyháza, 4400 Nyíregyháza, Westsik Vilmos u. 4-6.

Project is supported by Visegrad Fund (www.visegradfund.org) Project number: 21720051

Program

18. 09. 2018.

8:45 - 9:15 Registration of participants.

9:15 - 9:25 Opening of the workshop at the UD, IAREF, Research Institute of Nyíregyháza -
László Zsombik, PhD, Director

9:25 – 9:35 Activities of the Institutes for Agricultural Research and Educational Farm
(IAREF) – *Judit Dobránszki, DSc, Scientific Director General*

9:35 - 10:05 *István Henzsel, University of Debrecen, IAREF, Research Institute of
Nyíregyháza*

Long-term effects of different soil nutrition methods in the Westsik crop rotation
experiment.

10:05 - 10:20 *Ágnes Hadházy, PhD, University of Debrecen, IAREF, Research Institute of
Nyíregyháza*

Differences in weed species and number in the Westsik crop rotation experiment.

10:20 - 10:50 *Tibor Aranyos, PhD, University of Debrecen, IAREF, Research Institute of
Nyíregyháza*

Soil properties of Nyírség region. Effect of sewage sludge compost treatment on soil
physical properties.

10:50 - 11:10 Coffee break

11:10 - 11:40 *Marianna Makádi, PhD, University of Debrecen, IAREF, Research Institute of
Nyíregyháza*

Significance of soil microbes in soil services. Effects of long-term sewage sludge
compost application on some microbial properties of soil.

11:40 - 12:25 *Tamás Németh, DSc, Kaposvár University; Institute for Soil Sciences and
Agricultural Chemistry; Centre for Agricultural Research, Hungarian Academy of
Sciences*

Long-term experiments as cultural and historical monuments.

12:25 - 12:40 Discussion

12:40 - 13:30 Lunch

13:30 - 14:30 Visiting the Soil Biological Laboratory and the Biotechnological Laboratory

14:30 - 15:30 Visiting the willow long-term experiment (*László Simon, DSc, University of
Nyíregyháza*)

15:30 - 17:00 Discussion of the project participants about the future cooperation

19. 09. 2018.

9:30 - 13:00 Visiting the Westsik's crop rotation and the sewage sludge compost experiments

13:00 - 14:00 Lunch

14:00 - 14:30 Conclusions of the workshop and the project.