



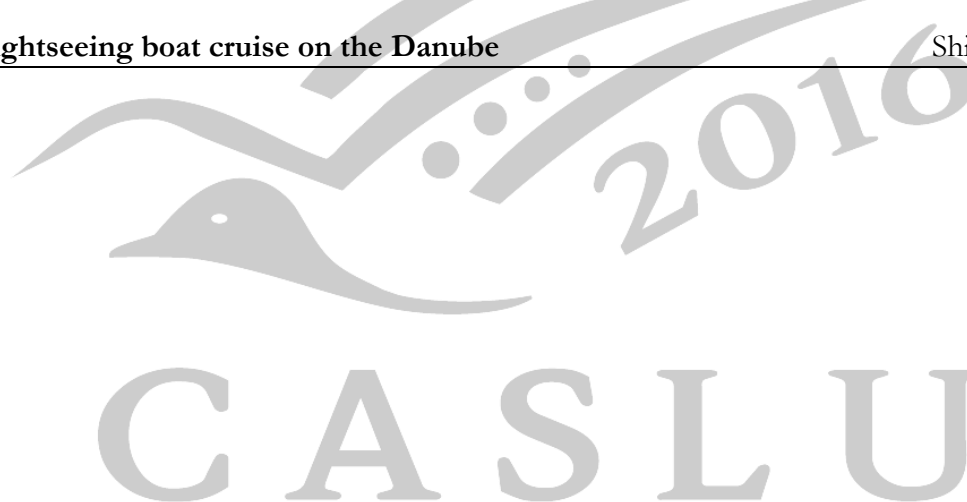
May 31.

8:00-9:00	Registration Hall	
	Fixing of posters of this day	Room: Krúdy (Basement)
9:00-9:15	Opening ceremony	Room: Felolvasóterem(1 st floor)
9:15-10:00	Keynote presentation <i>John Quinton</i> (Lancaster University, United Kingdom): Conservation agriculture: good for soil, good for water	Room: Felolvasóterem
10:00-10:30	Coffee break	Room: Krúdy
10:30-12:30	Section 1. Room: Felolvasóterem Soil science and geomorphology in Conservation Agricultural Systems Chair: <i>Dénes Lóczy</i> , University of Pécs, Hungary <i>Esser, K.</i> : Water infiltration and moisture in soils under conservation and conventional tillage in Zambia <i>Ogunniyi, J.E., Lillywhite, R., Rickson, J.</i> : Improving the resilience of sandy soils to pressures <i>Wakindiki, I.I.C., Nciizah, A.D., Mudau, F.</i> : Soil erosion and Conservation Agricultural Systems research in African smallholder farms <i>Sakai, Y.</i> : Salt-affected and acid soil amelioration with desulfurization gypsum and waste concrete in China	Section 2. Room: Kisterem (2 nd floor) Yields and economy Chair: <i>Terry Wiles</i> , Wiles Agriculture International, United Kingdom <i>Kassam, A., Basch, G., Friedrich, T., Gonzalez, E., Trivino, P., Mkomwa, S.</i> : Mobilizing greater crop and land potentials sustainably <i>Nurbekov, A., Kassam, A., Musaev, A., Sydyk, D., Ziyadullaev, Z., Muminjanov, H.</i> : No-till winter wheat (<i>Triticum aestivum</i> L.) cultivation in the irrigated conditions Central Asia and the Caucasus <i>Kambiré, F., Biielders, C.L.</i> : Manure band placement and reduced tillage as means to improve the sustainability of the cotton-based systems in Burkina Faso: effect on soil properties and cotton yields <i>Bavorova, M.</i> : The effect of farm size on the economics of adoption

	<p>Carbon cycle and climate change in the context of Conservation Agricultural Systems Chair: <i>Rachid Mrabet</i>, INRA Morocco</p> <p><i>Bilandžija, D., Zgorelec, Ž., Kisić, I.</i>: Influence of tillage systems on short-term soil CO₂ emissions <i>More, N., Singh, A.</i>: Exploring carbon sequestration potential of organic farming: a case study of Indian subcontinent <i>Oyeogbe, A.</i>: Conservation agriculture influences yield sustainability and carbon sequestration in the western Indo-Gangetic Plains: Sensor-based nitrogen and integrated weed management strategies <i>Córdova, C.</i>: The South of the South Hemisphere is also affected by global warming</p>	<p>of modern soil cultivation system in Siberian Kulunda Steppe <i>Dang, Y., Crawford, M., Kodur, S., Balzer, A.</i>: Strategic tillage in conservation agricultural systems of north-eastern Australia: why, where, when and how? <i>Dušková, S. Handlířová, M., Smutný, V.</i>: Influence of soil tillage and organic matter management on spring barley yield <i>Ngoma, H.</i>: Does minimum tillage improve livelihood outcomes of smallholder farmers? A micro-econometric perspective from Zambia <i>Rial-Lovera K., Davies, W.P., Cannon, N.D.</i>: Energy and economic evaluation of spring wheat production under contrasting tillage systems and nitrogen fertilisation management</p>
12:30-13:45	Lunch	Room: Krúdy
13:45-14:30	<p>Keynote presentation <i>Márta Birkás</i> (Szent István University, Hungary): New challenges in soil tillage – Conservation <i>and</i> climate damage mitigation</p>	Room: Felolvasóterem
14:30-15:45	<p>Sustainability assessment of land use and cover change Chair: <i>Katharina Helming</i>, Leibniz Centre for Agricultural Landscape Research; BonaRes – Centre for Soil Research, Germany</p> <p><i>Gibon, A.</i>: Using a social-ecological framework to assess land use and cover change in reference to agriculture sustainability at the regional level <i>Mrabet, R., Moussadek, R., Lembaid, I.</i>: Conservation agriculture research in Meknes-Fes region (Morocco): A review and perspectives <i>Rouleau, M.</i>: Sustainability assessment of land use change for biofuel production using agent based modeling <i>Vaszkó, Cs.</i>: The role of companies in reducing water risks in food, beverage and agricultural supply chains <i>Szalai, Z., Jakab, G., Madarász, B., Tóth, A., Zacháry, D., Szabó, J., Sáros, P., Karlik, M., Csepinszky, B., Benke, Sz., Kertész, Á.</i>: Research on regenerative agriculture at the CSFK, Hungarian Academy of Sciences</p>	Room: Felolvasóterem

15:45-17:00	<div data-bbox="353 188 770 220" data-label="Text"> <p>Poster session and refreshments</p> </div> <div data-bbox="1935 188 2110 220" data-label="Text"> <p>Room: Krúdy</p> </div> <div data-bbox="353 252 1234 284" data-label="Section-Header"> <p>Agroecological research in the Conservation Agricultural Systems</p> </div> <div data-bbox="353 288 2110 756" data-label="List-Group"> <p><i>Barčauskaitė, K., Mažeika, R.</i>: Amount of contaminants: heavy metals and polychlorinated biphenyls in different origin composts</p> <p><i>Basch, G.</i>: Soil Quality Assessment in Conservation Agriculture Systems</p> <p><i>Gösterit, A., Baskar, V.C.</i>: Effects of hybridization of the native and commercial <i>Bombus terrestris</i> on colony development traits</p> <p><i>Kocsis, T., Kotroczó, Z., Szalai, M.Z., Biró, B.</i>: Biochar doses and bioeffector bacterium affected to pot-and field grown organic tomato</p> <p><i>Legras, M.</i>: Flax in Direct Seeding new opportunities to the conservation agriculture</p> <p><i>Matthews, J.M., Lane, G.P.F., Davies, W.P, Rial-Lovera, K.</i>: Short-term fertility-building crop influences on wheat performance in arable farming</p> <p><i>Odhiambo, J.J.O.</i>: Short-term green manure legume cover crops and maize rotation system effects on selected soil properties in a Rhodic Ferralsol</p> <p><i>Sofó, A., Scopa, A., Nuzzaci, M., Vitti, A., Rendina, N., Xiloyannis, C., Crecchio, C.</i>: Microorganisms of agronomic importance in soils managed with sustainable practices</p> <p><i>Szabó, B.</i>: Evaluation of the pedological data of agri-environmental monitoring programs</p> <p><i>Tepe, I., Zorer Celebi, S., Kaya, I., Yergin Ozkan, R.</i>: Studies on control of smoothseed alfalfa dodder (<i>Cuscuta approximata</i> Bab.) in alfalfa (<i>Medicago sativa</i> L.)</p> </div> <div data-bbox="353 794 1095 826" data-label="Section-Header"> <p>Climate change and Conservation Agricultural Systems</p> </div> <div data-bbox="353 831 2110 1227" data-label="List-Group"> <p><i>Brenna, S.</i>: EU LIFE+ HelpSoil Project: Helping enhanced soil functions and adaptation to climate change by sustainable agricultural techniques</p> <p><i>España Cornejo, J.M.</i>: Adaptation of agricultural irrigation to climate change</p> <p><i>Katayanagi, N., Fumoto, T., Hayano, M., Takata, Y., Kuwagata, T., Shirato, Y., Savano, , Kajiura, M., Sudo, S., Ishigooka, Y., Yagi, K.</i>: Estimation of total CH₄ emission from rice paddies in Japan based on the DNDC-Rice model</p> <p><i>Mishra, A. K., Shinjo, H., Jat, H.S., Jat, M.L., Jat, R.K., Funakawa, S.</i>: Farmer's perspective on adaptation and up-scaling of conservation agriculture based management practices in Indo-Gangetic plains of India</p> <p><i>Mrabet, R.</i>: Conservation agriculture for mainstreaming sustainability in Mediterranean basin</p> <p><i>Schuler, J., Bloch, R., Reckling, M., Uthes, S., Schläpke, N., Bachinger, J., Zander, P.</i>: Climate change adaptation– a qualitative survey among farmers in North-East Germany</p> <p><i>Sözcü, A., Özis Altınçekiç, S.</i>: Management practices under heat stress conditions in farm animals</p> </div> <div data-bbox="353 1265 1052 1297" data-label="Section-Header"> <p>Conservation Agricultural Systems and carbon cycle</p> </div> <div data-bbox="353 1302 2110 1444" data-label="List-Group"> <p><i>Brenna, S.</i>: Soil carbon sequestration and biological activity in Conservation Agriculture systems in North Italy</p> <p><i>Djuric, S., Hajnal-Jafari, T., Stamenov, D.</i>: Microbial C biomass and number of bacteria as indicators of bioremediation of soil treated with sulfonylurea herbicides</p> <p><i>Giacomini, S.J., Tabir, M.M., Recons, S., Aita, C., Bazzo, H.L., Schu, A., Garlet, C.M.</i>: Carbon distribution in water-stable aggregates from</p> </div>
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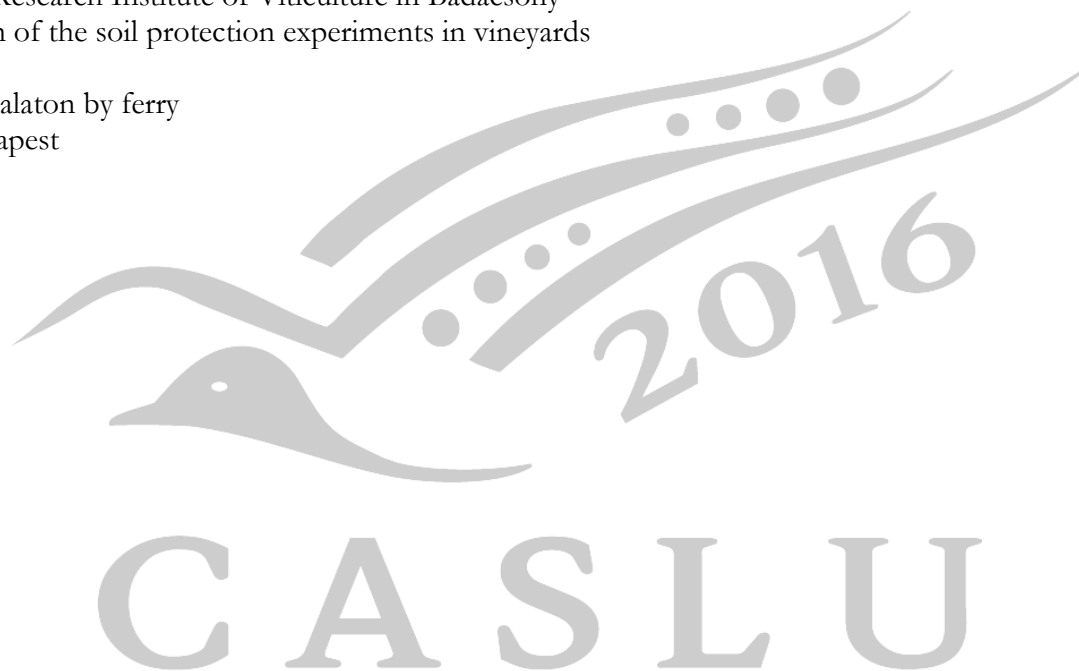
	<p>decomposing ^{13}C-labeled shoots and intact roots under no-till field conditions</p> <p><i>Karakuş, F.</i>: A review on the carbon footprint of sheep production</p> <p><i>Nabavi-Pelesaraei, A.</i>: Environmental management of tea production using joint of life cycle assessment and data envelopment analysis approaches</p> <p><i>Nurbekov, A., Asoev, N., Yatimov, B., Bukhoriev, T., Kholmatov, A., Cicek, H., Salem, H.B.</i>: Effect of tillage methods on productivity of double cropped mungbean in the irrigated conditions of Tajikistan</p> <p>Precision Agriculture in Conservation Agricultural Systems</p> <p><i>Drexler, D. Jung, A., Bónis, P., Somorjai, G., Mones, E., Vresak, M., Vicsek, T., Árendás, T., Sárdi, K., Vársárbelyi, G.</i>: Mobile crop monitoring by intelligent flying cameras for breeding stations</p> <p><i>Kaya, I.</i>: A survey for determination of weeds damage on wheat (<i>Triticum spp.</i>) in Diyarbakır/Turkey</p> <p><i>Cetin, I., Turk, M.</i>: The effects of different harvest times on forage yield and quality of some vetch (<i>Vicia spp.</i>) species</p> <p><i>Kılıc, G., Turk, M.</i>: Effects of different nitrogen doses on the turf performance of tall fescue (<i>Festuca arundinacea</i> L.) cultivars</p>
17:30-18:30	<p>Social event: Sightseeing boat cruise on the Danube</p> <p>Ship station: Vigadó sq. (N47.49900 E19.04621)</p>



June 1.

Field trip

8:00	Departure. Budapest, Széchenyi István sq. (Conference venue)
10:00 -10:20	Technical break
11:00 – 12:30	Visit of the experimental station of the Geographical Institute at Szentgyörgyvár
13:30	Arrival to Hegyesd
13:30 -14:15	Lunch
14:15-15:00	Farm visit
15:30	Arrival to the Research Institute of Viticulture in Badacsony
15:30-16:30	Demonstration of the soil protection experiments in vineyards
16:30-17:30	Wine tasting
18:30-19:00	Crossing the Balaton by ferry
21:30	Arrival to Budapest



June 2.

8:30-9:00	Fixing of posters of this day		2 nd floor (Nagyterem)
9:00-9:45	Keynote presentation Gerard Govers (Catholic University of Leuven, Belgium): Conservation agriculture: from an end on itself to a means for a sustainable European agriculture		Room: Felolvasóterem (1 st floor)
9:45-10:45	Section 1. Room: Felolvasóterem Agroecological research in the Conservation Agricultural Systems Chair: <i>Gottlieb Basch</i> , University of Évora, Portugal <i>Takemoto, S., Akita, K., Katayanagi, N., Urata, E., Ito, T., Saito, M., Okada, H.:</i> Continuous effects of winter flooding on soil fauna, as revealed by the community structure of soil nematodes in a rice paddy in Japan <i>Pascazio, S., Crecchio, C., Scagliola, M., Mininni, A.N., Dichio, B., Xiloyannis, C., Sofo, A.:</i> Biochemical indexes of soil quality in olive and peach orchards managed in a sustainable way <i>Biró, B.:</i> Are biofertilizers really sustainable in agriculture? <i>Ocaña Reyes, J.:</i> Conservation agriculture impact for saving agricultural labourers and increasing of the soil biological activity in bean and corn in the highlands of Peru	Section 2. Room: Kisterem (2 nd floor) Interoperability with farmers and policy makers Chair: <i>Amir Kassam</i> , University of Reading, United Kingdom <i>Cristofari, H., Girard, N., Magda, D.:</i> How farmers learn to practice conservation agriculture: a grid to describe the objects and processes of learning <i>Singh, M., Dyson, J., Pecze, R.:</i> A tool on agricultural runoff and best management practice to support farm managers prevent soil degradation in field crops <i>Raschi, A., Marandola, D.:</i> Ten years of experiences in disseminating sod seeding in rural areas of southern Italy <i>da Silva Machado, F.:</i> Rural restructuring and conflict of land use in the context of globalization: theoretical issues concerning rural policies in developing countries (Brazil)	
10:45-11:30	Poster session and refreshments Sustainability assessment of land use and cover change <i>Balog, K., Szabó, A., Tóth, T.:</i> Predictive model for expected salt accumulation due to afforestation on grasslands and croplands <i>Fick, J., Goetzke, R., Hoymann, J., Henseler, M., Baum, S., Gömann, H., Kreins, P.:</i> Land Use in Germany – How can it contribute to climate change? <i>Makovníková, J., Kaniánska, R., Kizéková, M.:</i> The ecosystem services supplied by soil in relation to land use <i>Świercz, A., Zajecka, E.:</i> Assessment of the usefulness of substrate with sewage sludge and halloysite in tall wheatgrass cultivation on lands under remediation		2 nd floor (Nagyterem)

Uçar, Y., Tekeli, G., Gul, M., Sirikci, B.S.: Determination of farmers' perception of the land consolidation projects carried out in Isparta-Turkey

Organic farming

Csáki, T.: Hungarian on-farm research program for varroa control in organic beekeeping

Papp, O.: Qualitative assessments of resistant main-crop potato varieties on Hungarian organic farms

Sebaibi, A.B.: Organic farming in Algeria: state and perspectives of development project

Sebaibi, A.B.: Territories and terroir, for a diversity of agriculture in Algeria

Soil science and geomorphology in Conservation Agricultural Systems

Barna, Gy., Rajkai, K., Tóth, B., Koós, S., László, P., Hernádi, H., Makó, A.: Evaluating the impact of soil structure change on the pore size distribution of variously textured soils

Basayigit, L.: Determination the soil erosion of lake watersheds according to RUSLE method using remote sensing and Geographic Information Systems

Kubwald, M., Duttmann, R.: Effects of single usage of mouldboard plough after long-term reduced tillage on soil physical properties

Kubwald, M., Blaschek, M., Duttmann, R.: Using penetration resistance measurements to analyse the long-term effects of different soil management - A spatial approach

Ocaña Reyes, J., García Bendejé, S.: Application of molybdenum and cobalt in common bean (*Phaseolus vulgaris* L.), with two fertilization systems under no-tillage

Visnianske, I., Baksienė, E., Mažeika, R.: Fulvic and humic acids determination in different composts

Žydelis, R., Lazauskas, S.: The effect of organic fertilizers on maize grown for grain in Lithuania

Tóth, A., Sipos, P., Madarász, B.: Laboratory experiment on association of rare earth oxides to different aggregate sizes – preliminary study of a field scale research on sediment redistribution due to erosion

Yields and economy

Erkan, C.: Determination of performances of Carniolan (*Apis mellifera carnica*), Caucasian (*Apis mellifera caucasica*), and Native (*Apis mellifera* L.) honey bees and their crossbreeds

Gül, M., Uzunkaya, K.: Willingness to pay additional water rate and irrigation knowledge of farmers in Dinar Karakuyu Irrigation Areas in Turkey

Gül, M., Gürbüz, D.: Economic analysis of dairy farms: A case of Burdur Province in Turkey

Handlířová, M.: Catch crops and their effect on yield and quality of spring barley

Madarász, B. 1,2, Juhos, K.2, Ruszkiczay-Rüdiger, Zs.3, Benke, S.1, Jakab, G.1, Szalai, Z.: Conservation and conventional tillage: long-term effects on yields, a case study in Hungary

Tomić, J., Pešaković, M., Karaklajić-Stajić, Ž., Miletić, R.: Soil biogenity and productivity of strawberry as affected by different fertiliser type

Wiles, T., Titkos, A., Tarjányi, J., Hartmann, F., Molnár, J.: Early Hungarian Evaluation and Development of Direct Drilling (Conservation Agriculture) Systems for Wheat and Maize in 1982-1985

11:30-13:10	Organic farming <i>Ács, S.:</i> Organic farming as a tool for Sustainable Land Use <i>Nesterenko, N., Pakhomova, N.*:</i> Strategies of organic agriculture in Russia: opportunities and barriers <i>Donkó, Á., Migléc, T., Valkó, O., Tóthmérész, B., Deák, B., Kelemen, A., Török, P., †Zanathy, G., Zsigrai, Gy., Drexler, D.:</i> On-farm experiment for developing species-rich seed mixtures for Hungarian vineyards <i>Okatan, V.:</i> Organic Fruit Production Potential of Sivaslı District (Uşak) <i>Dezsény, Z.:</i> Weed suppression effect of compost mulch in no-tillage organic vegetable production <i>Polat, M.:</i> The effects of organic growing on yield and some pomological characteristics in organic apricot cultivation	Room: Felolvasóterem
13:10-14:30	Lunch	2 nd floor (Nagyterem)
14:30-15:15	Keynote presentation <i>José Alfonso Gómez</i> (Institute for Sustainable Agriculture, Consejo Superior de Investigaciones Científicas, Spain): Sustainability through use of cover crops in Mediterranean tree crops such as olives and vines: current knowledge and challenges	Room: Felolvasóterem
15:15-16:15	Sustainability assessment of land use and cover change Chair: <i>Annick Gibon</i> , INRA, France <i>Helming, K., Wollschläger, U., Vogel, H.J., Heinrich, U., Bartke, S., Kögel Knabner, I., Russell, D., Eberhardt, E.:</i> The BonaRes Centre – A virtual institute for soil research in the context of a sustainable bio-economy <i>Huffman, T., Green, M., Liu, J.:</i> The impact on soil quality of different farm types in Canada, 1991-2011 <i>López Cerino, R.:</i> Biofuels and rural development in Mexico <i>Lóczy, D.:</i> Land use optimization in the Drava floodplain	Room: Felolvasóterem
16:15-16:30	Closing of the conference	Room: Felolvasóterem
16:30-17:00	Refreshments	2 nd floor (Nagyterem)