

Lars J. Munkholm

I have just returned to work after three weeks of sunny, hot and very dry holidays. The weather was strongly appreciated by everybody on holiday, as we are not used to extended periods with sunny and dry weather in Denmark. It is, however, not a sentiment shared by the farmers – especially as the hot and dry weather already started in May. We have experienced the warmest May, the sunniest July and the longest drought period recorded. North Western Europe is not the only place in the Northern hemisphere to experience extreme weather this summer (heat waves in North America, Japan, South Korea, wildfires in Sweden, Greece and California, flooding in Japan etc.). One should of course not overestimate the importance of this summer's extreme weather events. However, the large number of extreme events during recent years show that climate change is not just for the future – it is also for the present. Mitigation of and adaptation to climate change is a major challenge for the global community – and especially for agriculture and the environment. The importance of mitigation and adaptation strategies is also reflected in the programme for the upcoming ISTRO conference. There will be keynote presentations on the 4p1000 soil organic carbon initiative and on sustainable soil management for the future. A number of oral and poster presentations on soil and tillage research topics viewed in a climate change perspective will supplement these.

Look forward to seeing you in Paris.

⌘ Updates on the 21st International ISTRO Conference in Paris

The 21st ISTRO conference is coming very soon. We kindly invite those who are not yet registered to do it asap... and those who are registered not to forget to pay the fees.

The provisional program of the conference is now available on the website!

We tried to dispatch the sessions to minimize the dispersion of oral presentations within the three days of the conference.

Given the great number of posters (91), there will be three poster exhibition.

The conference also gives the opportunity to members forming working groups. If you have ideas for new topics, they will be welcome.

Wednesday is devoted to the field trip. Departure is scheduled at 7:30 am from the Cité Universitaire. Five workshops will be organised, around the Boigneville experiments. Boigneville is a little town in the country one-hour trip towards the south from Paris. A visit of the Fontainebleau castle will follow after a lunch in a restaurant at Fontainebleau.

Look forward to seeing you in Paris

For the organising committee

Jean Roger-Estrade

⌘ News on Soil and Tillage Research

Soil & Tillage Research continues to perform very well. In 2017 Soil & Tillage Research was rated #6 among 113 soil science journals according to Scopus CiteScore (see Figure 1) and #3 out of 34 according to the Journal Impact Factor. The latter has improved from 0.735 in 2000 to 2.100 in 2010 and to 3.824 in 2017.

Soil & Tillage Research is an Elsevier journal that was initiated by ISTRO in 1981. There continues to be strong links between ISTRO and Soil & Tillage Research and ISTRO. Royalties from Elsevier is a major source of income for ISTRO.

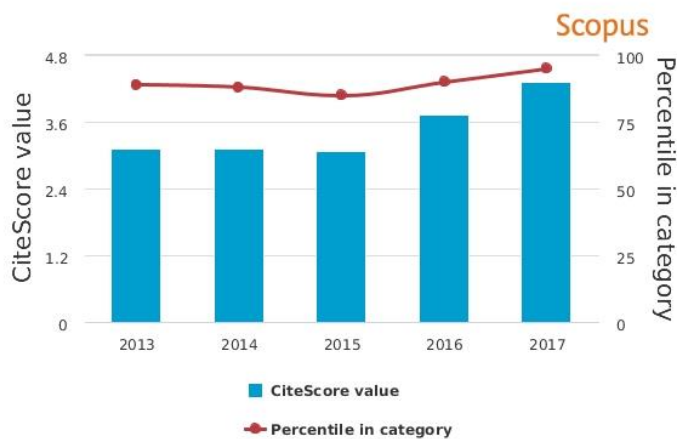


Figure 1. CiteScore value and percentile in the Soil Science category according to Scopus. (www.scopus.com).

⌘ Upcoming Meetings and Events

August 2018

21st World Congress of Soil Science (WCSS) on the theme: "Soils to feed and fuel the world". August 12–17 in Rio de Janeiro, Brazil.

Webpage: <http://21wcsc.org/>

Second International Young Scientists Forum on Soil and Water Conservation and ICCE symposium 2018 "Climate Change Impacts on Sediment Dynamics: Measurement, Modelling and Management". August 27–31 in Moscow, Russia.

Webpage:

<http://www.eng.geogr.msu.ru/IYFSWC/home.php>

September 2018

British Society of Soil Science 2018 Annual Conference "Soils and Sustainable Development Goals". September 4–5 in Lancaster, United Kingdom.

Webpage: <https://www.soils.org.uk/node/1175>

Conference: "Soils genesis and evolution in landscape". September 6–7 in Warsaw, Poland.

Webpage:

<https://sites.google.com/site/sgeggw/home>

Italian Society of Soil Science (SISS) and Italian Society of Pedology (SIPe) – 1st National Joint Congress "The Role of Soil Science in Sustainable Development". September 10–13 in Palermo, Italy.

Webpage:

http://scienzadelsuolo.org/congressi_.php#SISS2018

13th Congress of Croatian Society of Soil Science – "Utilizing potential of soil and land resources: Key roles of science and effective policy". September 10–14 in Vukovar, Croatia.

Webpage: <http://www.tloznanstvo.eu/kongres/>

International field workshop WRB soil classification 2018. September 16–23 in Cluj-Napoca, Romania.

Webpage: <https://sites.google.com/view/wrb-romania2018>

Preventing and Remediating Degradation of Soils in Europe – RECARE Final Policy Conference. September 27 in Brussels, Belgium.

Webpage: <http://registration.ecologic-events.eu/recare-policy-conference>

November 2018

International Soil Modeling Consortium conference on "New perspectives on soil models". November 5–7 in Wageningen, The Netherlands.

Australian National Soils Conference 2018 on "Soil: The key to the Past, the Present and the Future". November 18–23 in Canberra, Australia.

Webpage: <http://soilscienceconference.org.au/>

December 2018

The 13th International Conference of ESSS - Management of Water and Soil Resources under Global Climate Changes. December 4–5 in Dokki, Giza, Egypt.

Webpage: <http://www.esss.org.eg/>

January 2019

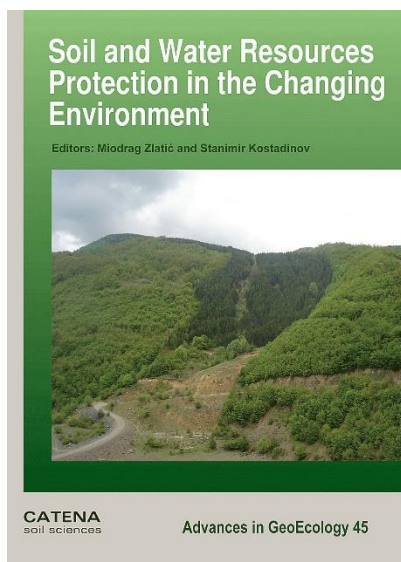
SSSA International Soils Meeting. January 6–9 in San Diego, California, USA.

Webpage: <https://www.sacmeetings.org/>

New Books

Soil and water resources protection in the changing environment

Editors: Miodrag Zlatic; Stanimir Kostadinov



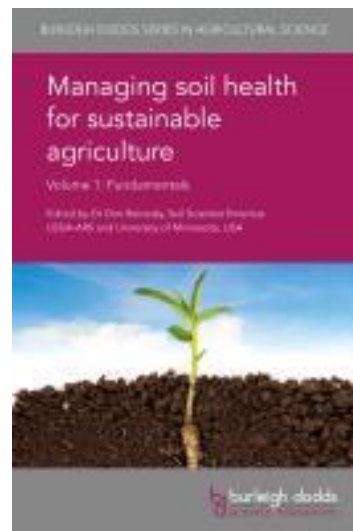
This book contains a selection of peer-reviewed contributions to the 3rd Conference of the World Association of Soil and Water Conservation (WASWAC), held in Belgrade in Serbia, August 22-26, 2016.

More information on this book:

<https://www.schweizerbart.de/publications/detail/isbn/9783510654185#t10206>

Managing soil health for sustainable agriculture Volume 1

Editor: Dr Don Reicosky



There is a growing concern that both intensive agriculture in the developed world and rapid expansion of agriculture in the developing world is damaging soil health. This volume reviews advances in our understanding of soil structure and dynamics which form the foundation for effective soil management.

Managing soil health for sustainable agriculture Volume 2

Editor: Dr Don Reicosky



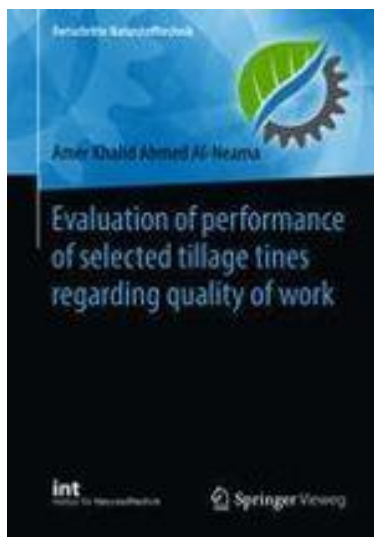
Soil health is critical to a successful agriculture. This second volume reviews ways of classifying and measuring soils and their properties. It then

discusses ways soil health can be maintained or enhanced to ensure sustainable agricultural production, as well as regional case studies of managing soil health in practice.

Special 20% discount on volume 1 & 2 for ISTRO Members. (Please use promotion code: ISTRO20)

Evaluation of performance of selected tillage tines regarding quality of work

Authors: Al-Neama Amer Khalid Ahmed



This book examines and evaluates the performance of four standard chisel plough tines: heavy duty, double heart, double heart with wings and duck foot, which were connected with a rigid shank. Experiments were conducted in a soil bin filled with sandy loamy soil, and the experimental factors included varying operation conditions (speed and depth) and their dependency upon a draft force and their components (horizontal and vertical force), specific force (force per unit area), specific power (power per unit area), soil loosening percentage (above and below the original soil surface) and soil

profile parameters (e.g. furrow height, furrow width, ridge height, area of ridge and furrow etc.).

More information on this book:

<https://www.springer.com/us/book/9783662577431>

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