

Alert No. 50 (5 June 2017)

1. Soil carbon 4 per mille. By Budiman Minasny et al. Geoderma 292: 59–86 (2017).
2. Cost-benefit analysis of Conservation Agriculture implementation in Syrdarya province of Uzbekistan. By Azizbek Daujanov1*, Rolf Groeneveld et al. Visegrad Journal on Bioeconomy and Sustainable Development 48: 48-52 (2016).
3. The role of abiotic factors modulating the plant-microbe-soil interactions: toward sustainable agriculture. A review. By Gustavo Santoyo et al. Spanish Journal of Agricultural Research 15 (1). e03R01, 15 pages (2017).
4. The transformation of agriculture in Brazil through development and adoption of Zero Tillage Conservation Agriculture. By P. L. de Freitas and J. N. Landers. International Soil and Water Conservation Research, Vol. 2(1): 35-46 (2014).
5. No-till and conservation agriculture in the United States: An example from the David Brandt farm, Carroll, Ohio. International Soil and Water Conservation Research, Vol. 2 (1): 97-107 (2014).
6. How climate-smart is conservation agriculture (CA)? – its potential to deliver on adaptation, mitigation and productivity on smallholder farms in southern Africa. By Thierfelder et al. Food Sec, published online (2017).
7. Efficient C sequestration and benefits of medicinal vetiver cropping in tropical regions. By Munnu Singh et al. Agron. Sustain. Dev. Published on line (2013).
8. Proceedings of the 2nd Conference on Conservation Agriculture for Smallholders (CASH-II). By Richard Bell and Enamul Haque (eds). Bangladesh Agriculture University, Mymensingh, Bangladesh.
9. Field Pennycress Production and Weed Control in a Double Crop System with Soybean in Minnesota. By Gregg Johnson et al. Agronomy Journal 107 (2): 532-540 (2015).

10. [A framework for evaluating ecosystem services provided by cover crops in agroecosystems. By Meagan Schipanski et al. Agricultural Systems 125: 12–22 \(2014\).](#)
11. [Cover Crops as a Means of Ecological Weed Management in Agroecosystems. By Fikre Lemessa and Mulatu Wakjira. J. Crop Sci. Biotech. 18 \(2\): 133-145 \(2015\).](#)
12. [Weed growth and crop yield responses to tillage and mulching under different crop rotation sequences in semi-arid conditions. By N. Mashingaidze et al. British Society of Soil Science, Soil Use and Management, pages 1-17 \(doi: 10.1111/sum.12338 \) \(2017\).](#)
13. [Quantifying global soil carbon losses in response to warming. By T.W.Crowther et al. Letter, Nature 540: 104-109 \(2016\).](#)
14. [Earthworms are more important than pandas \(if you want to save the planet\). By Sarah Johnson. The Conversation. 29 March 2017.](#)
15. [The Future of Food and Agriculture: Trends and Challenges. FAO, Rome \(2017\).](#)
16. [Environmental Sustainability: A Case of Policy Implementation Failure? By Michael Howes et al. Sustainability 9, 165-182 \(2017\).](#)
17. [Up-dating Conservation Agriculture Database in AquaStat, FAO.](#)

The CA land area database is updated periodically based on the feedback received from our regular sources of information. These include: official government sources, no-till associations, NGOs, national and international research institutes, and informed individuals. The information is posted in AquaStat. The latest figures (update 2013) can be seen at the FAO CA-Website at (<http://www.fao.org/ag/ca/6c.html>).

Amir Kassam

Moderator

e-mail: amirkassam786@gmail.com

URL: www.fao.org/ag/ca

To subscribe to the CA-CoP-L list, send an e-mail to listserv@listserv.fao.org leaving the subject line blank and placing only the one-line message: 'SUBSCRIBE CA-CoP-L Name Surname' in the message part without any further text such as an address, etc.

To unsubscribe from the CA-CoP-L list, send an e-mail message to listserv@listserv.fao.org leaving the subject line blank and placing only the one-line message: '**SIGNOFF CA-CoP-L**' in the message part without any further text such as a name, address, etc.