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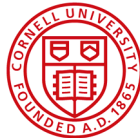


APRU
Sustainable Waste
Management

K-BioX

Speaker : Prof. Johannes Lehmann, Cornell University, USA

Date & Time : 16th June 2021



Cornell University, USA

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Johannes Lehmann, Liberty Hyde Bailey professor of soil biogeochemistry and soil fertility management at Cornell University, received his graduate degrees in Soil Science at the University of Bayreuth, Germany. During the past 20 years, he has focused on nano-scale investigations of soil organic matter, the biogeochemistry of pyrogenic carbon and sequestration in soil, sustainable land management practices in tropical agriculture, and biochar-bioenergy systems. Dr. Lehmann is a member of the steering group of the International Soil Carbon Network, has testified in the US congress, and briefed the President's council of advisors. Dr. Lehmann has authored more than 200 journal publications, has been named Highly-Cited Researcher by Thomson Reuter since 2014, Hans Fischer Senior Fellow at TU Munich, Humboldt Fellow and member of the German National Academy of Science. He co-founded the International Biochar Initiative in 2007 and served as Chair of its Board of Directors with interruption from 2007 to 2016.



Bradford, M.A., Carey, C.J., Atwood, L., Bossio, D., Fenichel, E.P., Gennet, S., Fargione, J., Fisher, J.R., Fuller, E., Kane, D.A., Lehmann, J., 2019. Soil carbon science for policy and practice. *Nature Sustainability* 2, 1070-1072.

Chabbi, A., Lehmann, J., Ciais, P., Loescher, H.W., Cotrufo, M.F., Don, A., SanClements, M., Schipper, L., Six, J., Smith, P., 2017. Aligning agriculture and climate policy. *Nature Climate Change* 7, 307-309.

Lehmann, J., Hansel, C.M., Kaiser, C., Kleber, M., Maher, K., Manzoni, S., Nunan, N., Reichstein, M., Schimel, J.P., Torn, M.S., 2020. Persistence of soil organic carbon caused by functional complexity. *Nature Geoscience* 13, 529-534.

Lehmann, J., Kleber, M., 2015. The contentious nature of soil organic matter. *Nature* 528, 60-68.

Lehmann, J., Rillig, M., 2014. Distinguishing variability from uncertainty. *Nature Climate Change* 4, 153-153.

Paustian, K., Lehmann, J., Ogle, S., Reay, D., Robertson, G.P., Smith, P., 2016. Climate-smart soils. *Nature* 532, 49-57.

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