



Action in Agroforestry

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Michael Gold and Hannah Hemmelgarn, editors

Dr. Chung-Ho Lin Presents on Value-Added Opportunities for Waste Plant Material in South Africa

Dr. Chung-Ho Lin at MU Center for Agroforestry was invited to give a keynote lecture “Identifying value added, health-promoting compounds from waste plant materials” at the 44th National Annual Conference of the South African Association of Botanists (SAAB) January 09 – 12, 2018. The theme for the conference was “Botany for the Biodiversity Economy”. The national 2018 SAAB Conference was sponsored by South

African National Biodiversity Institute, African Mycological Association, University of Pretoria, and South African Association of Botanists.



A group photo at the 2018 SAAB Conference highlighting “Botany for the Biodiversity Economy” (left), Dr. Chung-Ho Lin gives a keynote presentation (right)

Publications

Danh C. Vu, Thi L. Ho, Phuc H. Vo, Gustavo Carlo, Jane A. McElroy, Alexandra N. Davis, Susan C. Nagel, and Chung-Ho Lin. 2018. Determination of Volatile Organic Compounds in Child Care Centers by Thermal Desorption Gas Chromatography-Mass Spectrometry, DOI: 10.1039/C7AY02570J

Abua Ikem, Chung-Ho Lin, Bob Broz, Monty Kerley, and Ho Le Thi. 2017. Occurrence of enrofloxacin in overflows from animal lot and residential sewage lagoons and a receiving-stream, *Heliyon* 3(10): e00409

KUDOS

Welcome Hannah Hemmelgarn – New Education Program Coordinator

Hannah Hemmelgarn, Education Program Coordinator at the Center for Agroforestry as of February 2018, is focused on reaching diverse audiences and key players with the skills and knowledge to bring agroforestry practices to life by developing educational programming for both urban and rural agroforestry. Hannah completed her M.S. in agroforestry in 2017 during which time she developed an agroforestry curriculum for high school agriculture science programs as part of an ongoing NCR-SARE Professional Development Program grant. Hannah is working with Missouri high school agricultural educators to understand how these teaching materials could best enter the high school agriculture classroom, where the majority of agricultural professionals in the U.S. attain their foundational understanding of the field. She has a background in experiential education and alternative agriculture, with a graduate certificate in environmental education from University of Minnesota, Duluth, and a permaculture design certificate from The Possibility Alliance, LaPlata, MO.

UPCOMING EVENTS

Planning for Agroforestry Using Free 3D Software

Free Online Discussion starting at 6:00pm | Feb. 27, 2018 | Savanna Institute

Generating accurate field maps is important when planning for agroforestry. Learn the basics of using the free software SketchUp to generate accurate maps for your project. We will cover importing overhead photos of your farm, creating rows of trees and shrubs that are scaled accurately, and generating nursery lists from your plan. With Matt Wilson of the Savanna Institute.

Free, registration at <http://www.savannainstitute.org/events.html>

Getting Started with Multispecies Grazing

Free Online Discussion starting at 6:00pm | Mar. 13, 2018 | Led by Jacob Marty, Green Fire Farm, WI

Learn about silvopasture establishment using multi-species and adaptive grazing. From cost-share opportunities and season-extension techniques to research partnerships and mentorship programs, Jacob has used every resource at his disposal to transition conventional row crops to multi-species pasture systems.

Free, registration at <http://www.savannainstitute.org/events.html>

Keeping Bees in Horizontal Hives Seminar

10:30am – 11:15am and 2:10pm – 3:25pm | Mar. 31, 2018 | Growing Green event, presented by the Phelps County Master Gardeners, Havener Center, 1346 N. Bishop Ave., Rolla, MO 65409

Dr. Leo Sharashkin will give two presentations at the Growing Green event on keeping bees in horizontal hives. Dr. Sharashkin will also be available at his exhibit booth during the event, from 9:00am to 4:00pm. <http://horizontalhive.com/natural-beekeeping-conference/event-schedule.shtml>

Agroforestry & Forestry in Sulawesi: Linking Knowledge with Action

9:00 am (Central Time) | Wednesday February 28, 2018. | UMCA Agroforestry in Action Webinar.

Dr. James M. Roshetko.

To register: <https://agroforestryinaction.wixsite.com/agroforestryinaction>



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