

Floods and Droughts: Agriculture, Agroforestry and Natural Resources in a Changing Climate

Schedule of Events

9:00-10:00 a.m.

Extreme weather events: implications for the Midwestern farmscape

Dr. Christopher Anderson, Assistant Director, Iowa State University Climate Science Program

10:00-10:30 a.m.

The science of drought and flood prediction

Dr. Anthony Lupo, Professor and Chair, Department of Soil, Atmospheric and Environmental Sciences, University of Missouri

10:30-11:00 a.m.

Floodplains, flood mitigation, and ecosystem services

Dr. Robert Jacobson, Branch Chief, River Studies Branch, US Geological Survey

11:00-11:30 a.m.

Physiology of root growth under water deficits – A critical but understudied component of adaptation to drought

Dr. Robert Sharp, Professor and Director, Interdisciplinary Plant Group, University of Missouri

11:30-12:00 p.m.

Drought-resilient grazing systems

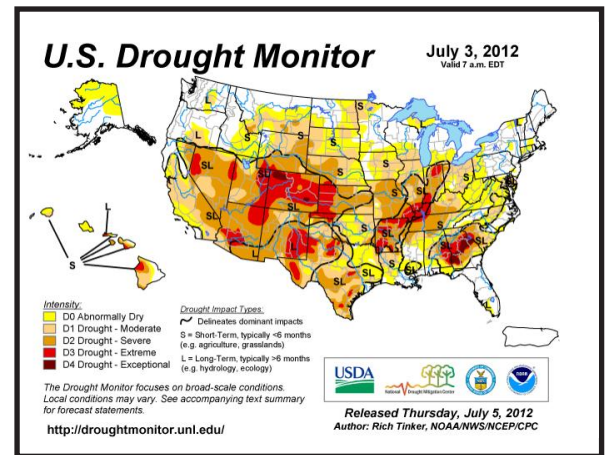
Dr. Wm. Justin Sexten, Division of Animal Sciences, University of Missouri

Lunch Break (12:00 -1:30 pm)

1:30 -2:00 p.m.

Drought and flood tolerance of alternative energy crops

Dr. Sougata Bardhan, Postdoctoral Research Associate, The Center for Agroforestry, University of Missouri



2:00-2:30 p.m.

Floodplain forests: flood attenuation, landscape connections and energy solutions

Dr. Jason Hubbard, Assistant Professor, Department of Forestry, University of Missouri

2:30-3:00 p.m.

Flooding and drought: designing agroforestry systems to create ecosystem resilience

Dr. Ranjith Udawatta, Associate Research Professor, Department of Soil, Atmospheric and Environmental Sciences and The Center for Agroforestry, University of Missouri

Coffee Break (3:00-3:30 pm)

3:30-4:00 p.m.

Using perennial vegetative filter strips to mitigate veterinary antibiotic loss

Dr. Keith Goyne, Associate Professor, Department of Soil, Atmospheric and Environmental Sciences, University of Missouri

4:00-4:30 p.m.

The socioeconomic realities of recent floods and droughts

Dr. Pat Westhoff, Professor and Director, Food and Agricultural Policy Research Institute (FAPRI), University of Missouri

4:30-5:30 p.m.

Research poster session

Free and open to the public!

January 9th, 2013 | 9:00 a.m. - 5:30 p.m.
Jesse Wrench Auditorium
University of Missouri Memorial Union

RSVP at 573-884-2874, or email
elliotttl@missouri.edu by Jan 5, 2013.