

ACES 2014 Afternoon Workshop 3 Agenda
December 8, 2014 | 1:00pm-4:30pm

Improving Ecosystem Services from Agricultural Lands: Modern Technology and Markets
Organizer: Alex Echols, Sand County Foundation

1. Overview of what DWM is, its potential for application, ecosystem services delivered and potential for broad adoption using incentives and ecosystem service markets (15 minutes) *Alex Echols*, Sand County Foundation
2. USDA assessment of benefits of DWM, financial assistance to agricultural producers and rate of adoption (15 minutes) *Paul Sweeney*, Senior Project Leader NRCS
3. Environmental benefits of DWM and innovations to improve agronomic production and environmental outcomes such as sub surface irrigation (15 minutes) *Rob Sampson*, National Water Management Engineer NRCS
4. Capacity of DWM to provide advanced improvements in water quality by treating pharmaceuticals and pathogens through DWM (15 minutes) *David Lapen*, Research Scientist, Agriculture Canada
5. The Opportunity to Reduce Municipal Costs for Clean Water by Partnering With Agriculture (30 minutes) *Dustin Miller*, Iowa League of Cities
6. **Break** – 2:30-3:00pm (30 minutes)
7. Ecological benefits and adoption of swarm technology to improve environmental performance (15 minutes) *Dennis McGrath*, Great Lakes Director The Nature Conservancy
8. Opportunities and obstacles to deliver multiple ecosystem services derived from DWM into the marketplace (15 minutes) *Mike Sprague*, President Trout Headwaters
9. Overview of market potential: What are the key impediments, why is DWM uniquely positioned to move ahead in market deployment, commoditization of ecosystems services, reactions of potential buyers
10. There will be hands on opportunity to handle and see equipment for DWM and discuss this innovative set of practices with leaders in the field who are developing, deploying and utilizing these conservation practices (balance of workshop).