

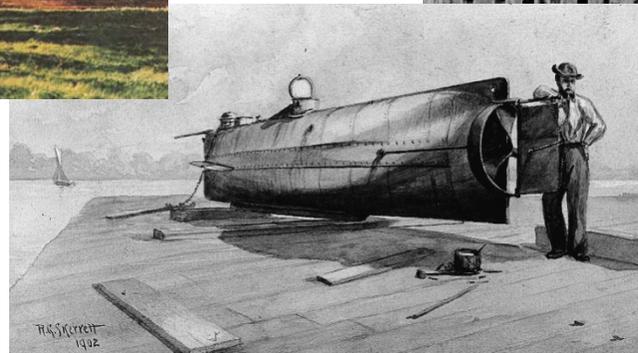
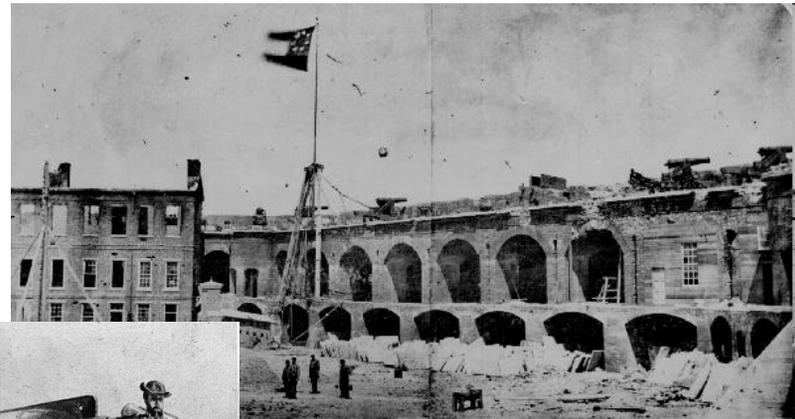
High Plains rain gauge



ICCA Science Policy update

Charleston, SC

21 Sept 2011



ASA Science Policy Committee

- approved Dec. 2010; organized June 2011
- 10 members
 - 1 - ICCA Rep. or appointee: Fred Vocasek
 - 2 – ASA Board members: Aaron Patton, Bill Heer
 - 2 – Policy Advisors: Tom Kemp, Marc Alley
 - 3 – ASA Presidents: Newell Kitchen, Ken Barbarick, Fran Pierce
 - 2 - ASA staff: Karl Glasener, James Geise

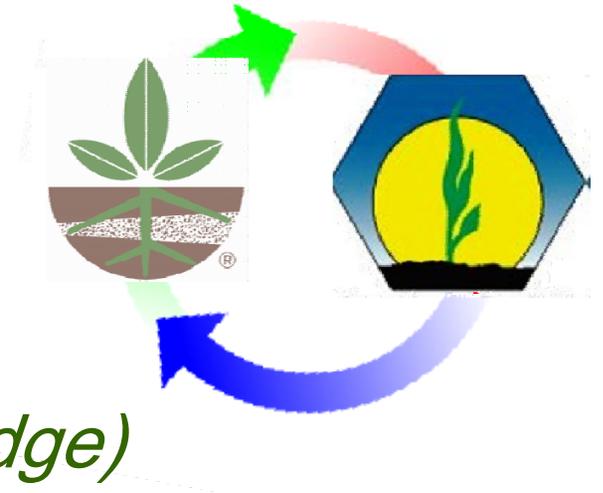


Science Policy Office

- Advocacy efforts – Washington DC
- Written
 - One-pagers
 - Position papers
 - “white paper”
- Agency, Congressional visits
 - EPA, NRCS, DOE
- Other activities



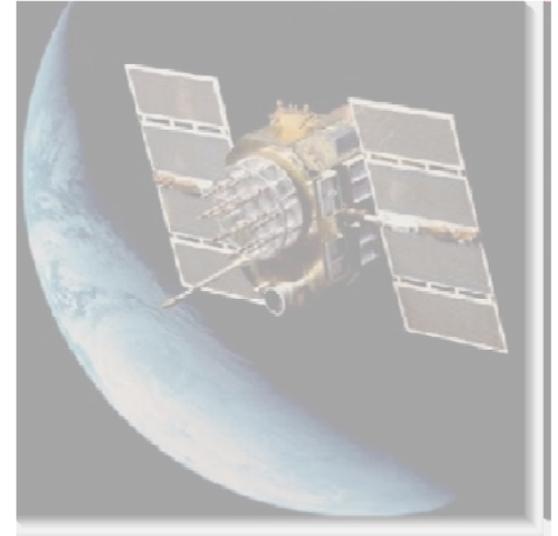
Partnership



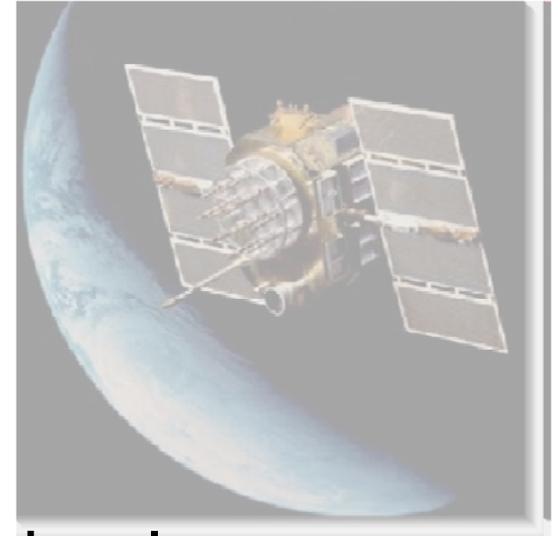
- Scientists (develop the knowledge)
+
- Educators (communicate the knowledge)
+
- CCAs (apply the knowledge)
- others? groups?

Save Our GPS

- FCC conditional approval
 - broadband frequencies
 - LightSquared LLC
- Joint letters to FCC
 - ICCA & ASA
 - ASA & ASABE
- Joined “Coalition to Save Our GPS”
 - limited representation of ag community
 - www.saveourgps.org



Save Our GPS



- Full hearing, Thurs. 08 Sept.
 - House Science, Space and Technology Committee
 - Chairman: Ralph Hall, R-Texas
 - "Impacts of the LightSquared Network on Federal Science Activities"
- *"GOP decries FCC's conditional approval of LightSquared wireless plan"*
 - Washington Post, September 8

Save Our GPS



- **House Appropriations Committee**
 - draft spending measure
 - would bar funds for LightSquared to operate until GPS concerns are resolved
- **LightSquared**
 - “any deficiencies in military equipment that uses GPS lie with manufacturers” (*CQ Today Online News*)

Water Security for Agriculture



- **ASA Board just approved Task Force**
 - up to ten members, one-day meeting
 - identify, prioritize water security issues
 - recommend necessary tasks, products
- **Science Policy Committee**
 - approve recommendations
 - implement actions
 - CCA involvement?

PCAST meeting – Sept. 26th

- President's Council of Advisors on Science and Technology
- “Agricultural Preparedness”
- Francis Pierce, speaker
- *since 1933, each President has established an advisory committee of scientists, engineers, and health professionals*



“Reactive Nitrogen in the United States”

An analysis of inputs, flows, consequences, and management options

- EPA Scientific Advisory Board (2007 – 2011)
- Reactive nitrogen (Nr)
 - ground/surface water - nitrate (ammonia)
 - air emissions - nitrous oxide, ammonia
- Sources of new Nr
 - commercial fertilizer
 - legume fixation
 - fossil fuel combustion



EPA “Nr” report



- Decrease Nr entering environment
 - by 25% over 10 to 20 years
- Recommendations
 - increase NOx controls
 - improve crop Nr uptake
 - increase wetlands to remove Nr
 - decrease Nr loss from croplands, CAFOs
 - decrease Nr discharge from point sources, urban lands
- “Nitrogen footprint”



Potential Policy Issues

- CCA co-sponsored Nutrient Stewardship Summit
 - June 1-2, Chicago
 - “ 4R”
- Next steps?
- “Save The Frogs” atrazine ban petition
- EPA dust emission standards



ICCA Policy Committee

- identify issues of interest
 - national >>> local
- partnering
 - ICCA-ASA: scientist-educator-practitioner
 - other societies, associations, organizations
- responding
 - position papers?
 - Rapid Response Team?
 - personal visits – agencies, legislators

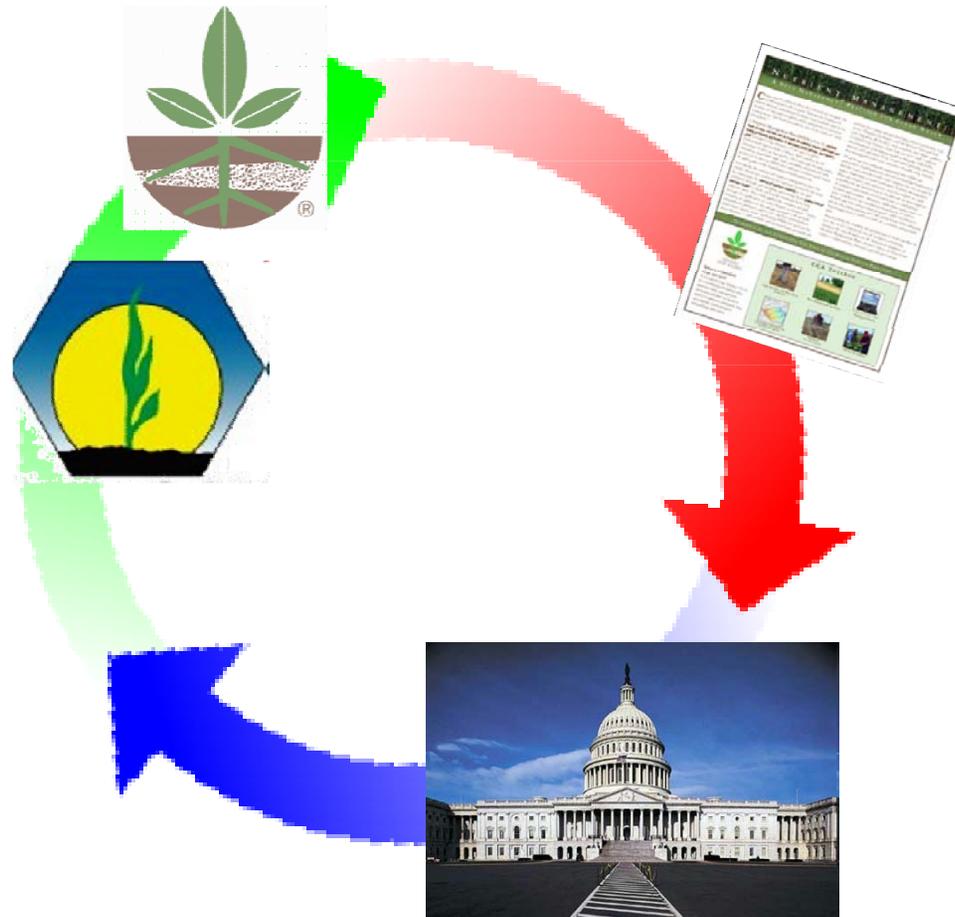


ICCA Policy Committee

- responding
 - requires resources
 - time, energy, money
 - requires focus
 - requires leadership



suggestions?





CERTIFIED
CROP ADVISER

- <http://www.cattlenetwork.com/e-newsletters/drovers-daily/EPA-committee-issues-report-on-nitrogen-128276983.html>
- <http://www.agprofessional.com/newsletters/agpro-weekly/articles/Study-demanding-farmers-lower-nitrogen-in-the-environment-127608378.html>
- <http://news.sciencemag.org/scienceinsider/2011/08/epa-science-advisory-board-urges.html>

- <http://yosemite.epa.gov/sab/sabproduct.nsf/WebBOARD/INCSupplemental?OpenDocument>
- [http://yosemite.epa.gov/sab/sabproduct.nsf/WebBOARD/INCExecSumm/\\$File/Final%20INC%20Report-ExecSumm.pdf](http://yosemite.epa.gov/sab/sabproduct.nsf/WebBOARD/INCExecSumm/$File/Final%20INC%20Report-ExecSumm.pdf)
- <http://yosemite.epa.gov/sab/sabproduct.nsf/c91996cd39a82f648525742400690127/c83c30afa4656bea85256ea10047e1e1!OpenDocument&TableRow=2.2#2>

