



**MEETING SUMMARY**  
**IOWA CLIMATE CHANGE ADVISORY COUNCIL**  
**Agriculture, Forestry and Waste Subcommittee**  
Call #3, January 11, 2008

**Attendance:**

*Technical Working Group:* Richard Cruse, David Miller, Dawn Snyder, Karey Claghorn, Duane Sand, Dean Lemke, Peter Thorne.

*Center for Climate Strategies:* Steve Roe, Joe Pryor, Jackson Schreiber

*Iowa Department of Natural Resources:* Jason Marcel (for Marnie Stein), Paul Tauke (Bureau Chief of Forestry)

*Public Attendees,* Mark Landa (Rural Electric Cooperatives)

**Background Documents:** ([http://www.iaclimatechange.us/Agriculture\\_Forestry.cfm](http://www.iaclimatechange.us/Agriculture_Forestry.cfm))

1. Meeting Notice and Agenda
2. PowerPoint for Teleconference
3. Summary of Call #2
4. AFW Draft Catalog of State Actions
5. AFW Brief Description of Catalog Items

**Discussion and Key Items:**

1. Roll call and introductions of SC, State and CCS contacts.
2. CCS reviewed the Agenda for the call.
3. Call #2 Summary was accepted.
4. New waste expert, Tom Hadden, has been contacted and has agreed to be on the subcommittee.

*Overview of ICCAC#3 meeting*

1. Inventory and Forecast: Steve Roe indicated that the Agriculture, Forestry, and Waste Management sections will be developed separately. DNR will review each of them individually as they become available.

*ICCAC Meeting #2 Outcomes*

1. Approval of GHG goals and targets.
  - a. 2005 was used as a baseline year because better data is available in 2005 compared to 1990.
2. Dawn Snyder said they asked Paul Tauke from DNR to join due to his expertise on forestry issues.

*Goals for ICCAC Meeting #3*

1. Complete the Catalog of state actions.
  - a. Make sure that it is a complete set of potential options.
  - b. If any additions exist, make sure that they are submitted very soon.
2. Review Inventory and Forecast: sectors will be available at different times, anticipated that some may be completed by this meeting.
  - a. Important to remember that we shouldn't be looking at this from a sectors specific-context.
  - b. A significant portion of AFW policy recommendations will result in GHG reductions occurring outside of the AFW sector.

### *Policy Design Proposals*

1. There are about 50 total proposals coming out of the subcommittees, which means about 10 from each. We will be developing straw proposals for this. This is a stepwise process, designed to keep subcommittees on track.

### *Policy Options Template*

1. Points of emphasis:
  - a. Implementation mechanisms.
  - b. Accurate, timely, reliable information from credible data sources.
  - c. Also know the gaps/uncertainties that come with quantifications.

### *Catalog*

1. Goal: Ensure that we have a complete Catalog list, and a reasonable nominal rating for each option. Refer to the Catalog of state actions and brief description documents, which have been sent out previously. Based on ICCAC meeting, new nominal rating categories:
  - a. >\$40/tCO<sub>2</sub>e = high costs
  - b. \$15-\$40/tCo<sub>2</sub>e =medium costs.
  - c. <\$15/tCO<sub>2</sub>e=low costs
2. Duane Sand raised a point about potential negative costs. While only a few options received this categorization, it does seem possible that other agricultural policies would indeed have negative costs.
3. Peter Thorne: What is the best mechanism for making additions/revisions to Catalog?
  - a. We are going to want any additions to be received within the next few days.
  - b. **Action Item:** Joe asked that any additions be sent to him along with where you think they should go, so that we can send that information out in the balloting process.
4. Dean Lemke: How are the costs/GHG reductions estimates created?
  - a. These are based on data from other states, which is then applied to Iowa according to estimates on how that state compares in terms of size/economy/etc.
  - b. These can serve as an additional source of information when going into the early balloting process, but more robust calculations will be needed later on.
  - c. **Action Item:** If you feel you have specific information about one particular estimate or sets of estimates, please get that information to CCS before the Catalog is sent out for balloting.

- d. **Action Item:** If someone wants to bring specific technical information to the attention of the subcommittee, it should be sent to CCS by Monday afternoon.
5. On Catalog item 2.4, the comment was made that land use may not be a significant limiting factor on the use of biofilters, as is indicated in the chapter.
6. Duane Sand: Rotational grazing seems to have a great deal of potential, given the amount of grazing lands in Iowa. He cited 3.5 million acres of continuously grazed pasture land. He thinks this would potentially have a negative cost, because of increased Ag income.
7. Steve asked if anyone has additional information on the soil carbon level for Iowa grazing lands, because that will be useful in making a good decision in this process.
  - a. Iowa has 25 million acres of cropland. Policies targeting cropland could present a significant GHG reduction.
8. David Miller pointed out that due to low levels of irrigation in Iowa, some water management practices are less likely to have significant GHG savings.
9. Duane Sand: on item 3.2, nitrogen conservation has more potential for GHG reductions than is noted in the report. There are cases where soybean growth have shown substantial reductions at a negative costs. Suggested change of GHG potential to M-H and cost to Negative-L.
10. Item 4.1: limitations if ground cover is not linked to biomass for energy.
11. The costs per ton of forest sequestration projects should be fairly low, particularly if a longer term view is used (due to potentially longer payback periods). However, benefits must be considered over the policy period (out to 2050).
12. Need to consider how options could impact on “Business as Usual” scenario.

#### *How Balloting Takes Place*

1. Brief introduction was given of the balloting process. Further information will be included when members receive their ballots.

#### *Next Steps*

1. **Action Item:** All updates to the Catalog need to be sent to Joe by the end of the day on Monday (14 January 2008), so that ballots can be distributed. This also applies to any changes in the Descriptions document.
2. It is essential to have everything ready before the next call, as all documents need to be posted the same day for the ICCAC meeting the following week.
3. Next AFW meeting: **Friday February 1 2008 9am to 10:30 am CT.**
4. Next ICCAC meeting February 8 2008.
5. Future AFW meetings tentatively scheduled for Thursday 21 February and Thursday 13 March (both 9am to 10:30 am CT).

Thanks to all members for your meaningful contributions and excellent discussion.