
ON-TARGET GEOSPATIAL TECHNOLOGIES SEMINAR

PURPOSE

This program is designed to provide hands-on experience and materials for selected NACAA members to study and have access to manipulation of remotely-sensed imagery (RS), coupled with GPS (global positioning systems) and GIS (geographic information systems). Elements of a RS/GPS/GIS decision support system could improve many ongoing Extension programs and enhance the sustainability of agriculture. Specific applications in precision agriculture and land-use planning will allow participants to have hands-on experience with small, portable systems. Successful participants will receive a small hand-held computer, a GPS unit, and GPS/image management software. NASA imagery will also be made available to participants.

ELIGIBILITY

Members of NACAA in good standing with their state association with responsibility in agricultural production systems are eligible (could include horticulture/livestock/crops/ other). State Agronomy and Pest Management Committee Chairs are ineligible to participate in this program.

ENTRY & JUDGING CRITERIA

Complete the general application form in this booklet and prepare a written plan, not to exceed one typewritten page on:

1. Why you wish to attend.
2. How you intend to use this workshop information in your local extension programs.
3. What your past RS/GPS/GIS experience has been.
4. The potential impacts of your improved RS/GPS/GIS program.

Successful applicants will be selected on the basis of:

1. The potential benefits to other professionals and clientele in their geographic area. Preference will be given to applicants who plan to train others (both agents and clientele) upon completion of the program.
2. Geographic and other diversity considerations. Since this is a prototypical program, it is desirable to have representatives from all four NACAA regions.
3. Experience & past activities of the applicant that would form a synergy with this training program.
 - A) Plan of Extension work following this training (65 pts)
 - B) Local Extension program expected impacts, expected results, and program evaluation methods (30 pts)
 - C) Experience and past Extension activities with this technology (5 pts)

AWARDS

Plans for this program are for approximately 4 participants, nationally, will be selected on a competitive basis. Economy air travel will be provided to successful applicants (October 2007 – at the NASA Space Dynamics facility in Logan, UT. Specific date to be determined by participants). Meals & lodging expenses also will be paid by the program sponsors. However, incidental and additional expenses will be the responsibility of the participants. A limited number of additional participants may be accommodated if they provide all of their travel and others expenses. Successful participants will also receive a small hand-held computer, a GPS unit, and GPS/image management software.

DEADLINE

Entry must be in possession of your Agronomy and Pest Management State Committee Chair by March 15, 2007. State Chairs should send all state entries, with the winning entry designated, to their region Vice Chair by April 1, 2007.

Support provided by:

