

APPENDIX: HIGHLIGHTS OF NCERA-101 COMMITTEE ACTIVITIES (2006 - 2010)

1. Cooperative Research & Publication:

a. Guidelines Developed:

(i) Minimum guidelines for measuring and reporting environmental parameters for experiments on plants in growth rooms and chambers. March, 2004. International Committee for Controlled Environment Guidelines. Adapted from : American Society of Agricultural Engineers Engineering Practices: ASAE EP411.2. Guidelines for measuring and reporting environmental parameters for plant experiments in growth chambers.

<http://www.controlledenvironments.org/Guidelines/minimum-guidelines.htm>

(ii) Guidelines for measuring and reporting environmental parameters for experiments in plant tissue culture facilities.

<http://www.controlledenvironments.org/Guidelines/TC-guidelines.htm>.

b. Publications:

Posters and pamphlets disseminated on: Minimum guidelines for measuring and reporting environmental parameters for experiments on plants in growth rooms and chambers. March, 2004. International Committee for Controlled Environment Guidelines.

c. Distribution of calibrated environmental measurement instruments:

Instrument package is available to member laboratories on a rotating basis each year. Recent additions to the instrument package include: 4 quantum (light) sensors; a UV visible spectrometer.

2. Annual Meetings:

- a. **2006:** (April) Ohio State University, OH, USA
- b. **2007** (April) Tuskegee University, AL, USA
- c. **2008** (March) Kennedy Space Center, FL, USA
- d. **2009** (April) Utah State University, UT, USA.
- e. **2010** (April) University of Wisconsin, WI, USA

3. Collaborative International Workshops / Meetings

2008. Kennedy Space Center, FL, USA: Controlled environments in the new millennium. A joint international meeting of NCERA-101, UK CEUG (United Kingdom Controlled Environment User Group), and ACEWG (Australasian Controlled Environment Working Group).

4. **Establishment and maintenance of a comprehensive electronic mailing list and Website:**

Website lists the committee's strategic goals and areas of activity , key publications, calibration instrument package capabilities, and upcoming events. All minutes and select presentations and conference proceedings from past NCR-101 meetings are available electronically on this Web Site (www.controlledenvironments.org).

5. **Initiated plans for holding a fourth joint international meeting**

Coordinated with the UK Controlled Environment Users' Group and ACEWG (Australasian Controlled Environment Working Group) (scheduled for Sept. 2012, Cambridge, England).