Dairy Environmental Systems and Climate Adaptation Conference and Tours

Co-organized and Co-hosted by:

• CORNELL PRO-DAIRY PROGRAM
  www.manuremanagement.cornell.edu

• CORNELL INSTITUTE FOR CLIMATE CHANGE AND AGRICULTURE
  http://cuaes.cornell.edu/cals/cuaes/sustainability/cicca.cfm

• ANIMAL AGRICULTURE AND CLIMATE CHANGE PROJECT (USDA-NIFA)
  http://animalagclimatechange.org/

CORNELL UNIVERSITY
ITHACA, NEW YORK

JULY 29-31, 2015

This 3-day regional conference and trade show will feature a unique opportunity to learn about emerging dairy housing and manure management systems in conjunction with regional climate trends and adaptation strategies for the Northeast and upper mid-west U.S, and to visit the beautiful Finger Lakes region of New York. The conference will feature multiple tour options showcasing on-farm integrated waste handling/treatment systems and on-farm climate adaptation strategies. The synergistic nature of these two topic areas is sure to expose creative solutions to the most pressing of today’s dairy environmental challenges. Tours of interest will also be organized for spouses and families.

Target Audiences:
Dairy producers and their advisors, extension educators, agribusiness professionals, dairy scientists, agricultural and environmental engineers, farm managers, financial advisors and lenders, agricultural economists, policymakers and regulatory agencies.

Conference Goals:
The main goals are to equip attendees with state-of-the-art knowledge on manure handling systems and climate adaptation strategies, as well as to explore the intrinsic connection between climate trends for the Northeastern U.S., on-farm adaptation strategies, and related dairy environmental management issues. A desired outcome is to facilitate the decision-making process for farmers with regards to climate adaptation. In addition, it is expected that both farm and non-farm audiences will be better enabled to understand and support emerging dairy environmental technologies in order to enhance farms’ economic and environmental sustainability.

For questions, and to submit an abstract, please contact Jennifer Pronto at biogas@cornell.edu

Visit the conference website at: http://www.anosci.cornell.edu/prodairy/dairysystemsconference
Call for Papers topic areas:
The following topic areas are solicited for paper proposals. Additionally, proposals are welcomed and encouraged for other topics that authors feel will fit with the overall theme of the conference. Sessions will be organized in a way to highlight dairy climate adaptations, by blending related topics from the two main areas below.

**Dairy Environmental Systems**
- Dairy Cow Heat Stress and Abatement
- Dairy Cow Environmental Assessment
- Manure Management and the Environment—Air and Water Quality
- Manure Handling/Treatment/Storage/Land Application Methods and Systems
- Agriculture/Water/Air Quality Regulations
- Technical/Practical/Financial Assessments of Dairy Environmental Systems
- Integrated Manure Management Systems
- Innovative & State of the Art Technologies
- Manure Treatment Methods
  - Anaerobic Digestion
  - Innovations in Solid-Liquid Separation
  - Chemical and Polymer Based Systems
  - Sand-Manure Separation
  - Byproduct Utilization

**Agriculture and Climate Change**
- Climate Trends (Northeastern and Upper Midwest US)
- Climate Impacts to Dairy and Agriculture
- Risk Management/Climate Adaptation Strategies and Innovations
- Climate Science and Modeling
- Reduction of GHG Emissions in Agriculture
- GHG Policy and Regulations
- Extension/Education/Communication topics related to climate change and/or greenhouse gases
- Energy Conservation/Alternatives on dairy farms
- Dairy Farm Sustainability in a harsher climate

**IMPORANT DATES**
- **PAPER PROPOSALS DUE**
  November 1, 2014
- **AUTHORS CONTACTED**
  December 1, 2014
- **PAPERS DUE FOR CONFERENCE PROCEEDINGS**
  April 10, 2015
- **PRESENTATIONS DUE**
  July 1, 2015
- **CONFERENCE**
  July 29-31, 2015

**Delivery Format:**
The conference will feature paper presentations organized by themes. Papers can be presented orally (lecture style) or during a poster session. The overall goal of each delivery method will be to present the key points and take home messages and to encourage the audience to read the papers, which will be published in the conference proceedings. Papers should appeal to a diverse mix of attendees with a variety of backgrounds and knowledge levels.

**Paper Submissions:**
Submissions should include the topic area of your presentation, a paper title and a 150 word abstract.

Please be sure to include with your submission:
- **Name, title, and affiliation**
- **Email address**
- **Preference for oral or poster presentation**
- **Indication of commitment to make deadlines**

Please submit your abstract by November 1st, 2014.

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