When the Workshop Begins
The program will start on May 15 and end May 20, 2017. It will be held on the Griffin Campus of The University of Georgia (UGA), located just south of Atlanta. International participants should plan to arrive two days prior to the start of the program to adjust to time zone differences and recover from travel fatigue.

Location and Directions to The University of Georgia, Griffin Campus
The University of Georgia, Griffin Campus is on the North side of Griffin and the East side of US Highways 19 and 41. You will find explicit directions to the Griffin Campus and other related information on the UGA Griffin Campus web site: http://www.griffin.uga.edu/about/hours-directions. When you register for the workshop, we will forward travel directions to you as part of your confirmation package.

Lodging and Accommodations
Two hotels have been designated as preferred hotels: the Holiday Inn Express and the Baymont Inn and Suites, located approximately one mile from a local business district and two miles from our campus. Both hotels provide a daily continental breakfast. Rooms have home office accommodations including WIFI, voice mail, and free local calling. Other amenities include cable TV, iron/ironing board, and coffee maker. The special business room rates are $77 per night plus tax for the Holiday Inn Express and $70 per night plus tax for the Baymont Inn and Suites. To receive this rate you must make your reservation by calling the Holiday Inn Express in Griffin, Georgia directly at 770-228-9799 or calling the Baymont Inn and Suites in Griffin, Georgia at 770-229-9900. In addition to our “preferred” hotels, there are other hotels in Griffin. Note that you must make your own hotel reservation.

Special Needs
If you have any special needs, please let us know in the space provided on the registration form. We will do our best to assist you. Call the Continuing Education office for more information.

Qualifications for Application
• Participants should be university graduates currently engaged in crop production or agro-ecosystems related research, teaching, extension, outreach, or planning.
• They should have some understanding of crop and soil science and be relatively familiar with the terminology used in these fields. An in-depth knowledge, however, is not a prerequisite.
• They should be familiar with personal computers and the Windows operating environment.
• They should understand English.

Continuing Education Units (CEU)
On request, participants can receive 4.8 CEU and a Certificate from the University of Georgia certifying that they completed the program.

Visa Requirement
A visa is required to enter the United States. Each participant must obtain a visitor visa from the Embassy or Consulate of the United States in his or her country of residence prior to departure and is required to fulfill any required health formalities, including obtaining insurance. The Office of Continuing Education can provide a letter, confirming your participation in the workshop to facilitate your visa application. Allow ample time for the visa approval process.

For Workshop and Logistics Information contact:
Art Cain or Julie Peters
Office of Continuing Education
The University of Georgia
125 Stuckey Conference Center
1109 Experiment Street
Griffin, Georgia 30223, USA
Telephone: 1-770-229-3477; Fax: 1-770-233-6180
E-mail: conteduc@uga.edu

For Program Information contact:
Dr. Gerrit Hoogenboom
Preeminent Scholar and Professor
Institute for Sustainable Food Systems
University of Florida
184 Frazier Rogers Hall
Gainesville, Florida 32611, USA
Telephone: 1-352-392-1864; Fax: 1-352-392-4092
E-mail: gerrit@ufl.edu

Faculty
The following faculty will lecture in this training program:
Dr. G. Hoogenboom, The University of Florida
Dr. W.D. Batchelor, Auburn University
Dr. K.J. Boote, The University of Florida
Dr. C. Porter, The University of Florida
Dr. V. Shelia, The University of Florida
Dr. U. Singh, International Fertilizer Development Center

Co-Sponsors
DSSAT Foundation
University of Florida
Auburn University
International Fertilizer Development Center
Assessing Crop Production, Nutrient Management, Climatic Risk and Environmental Sustainability with Simulation Models

Rationale
Today more than ever, increased crop production depends on judicious use of resources. In addition to climate change, climate variability, soil carbon sequestration, biofuels, food security and environmental sustainability have become important issues. Computer simulation models of the soil/plant/ atmosphere system can make a valuable contribution to both furthering our understanding of the processes that determine crop responses and predicting crop performance, resource use and environmental impacts for different environments and management scenarios. User-oriented simulation tools greatly facilitate the task of optimizing crop growth and deriving recommendations concerning crop management. They can also be used to determine the potential impact of climate change on crop production and long-term soil carbon sequestration, or provide management scenarios for adapting to climate change and variability.

Program Goal and Objectives
The overall goal of this training program is to familiarize participants with a comprehensive computer model for the simulation of crop growth and yield, soil and plant water, nutrient and carbon dynamics and their application to real world problems.

The program will focus on:
- Description of the DSSAT-Cropping System Model, CSM, and its modules, such as CROPGRO, and CERES, and the science embedded in the models.
- Minimum data requirements and experimental data collection for systems simulation.
- Integration of crop simulation models with data base management and Geographic Information Systems.
- Application of the DSSAT-CSM model to improve management of cropping systems.

Program Highlights
- Precision management
- Climate change and variability
- Food security
- Feed stock for bio-fuel
- Soil carbon sequestration
- Greenhouse gas emissions
- Environmental impact
- Sustainability
- Ecosystem services

Cropping System Model & DSSAT
The program will make extensive use of the DSSAT-Cropping System Model (CSM) v4.6, a general cropping system model for simulating crop growth and development and soil and plant water, nitrogen, phosphorus and carbon dynamics. CSM is comprised of the CROPGRO module for soybean, peanut, common bean, chickpea, faba bean, cowpea, and other grain legumes, the CERES module for maize, sorghum and millet, the CERES-Rice module for rice, the SUBSTOR module for potato, the CROPSIM-CERES module for wheat and barley, the CROPGRO module for tomato, bell pepper, bahia, brachiaria, cotton, canola and green beans, the CANEGRO module for sugarcane, and the CASSAVA module for cassava. The CENTURY model for the simulation of soil carbon and nitrogen has also been incorporated in CSM. DSSAT v4.6 is Windows-based and includes the CSM model as well as tools and utility programs for managing soil, weather, genetic, crop, economic and pest data, and application and analysis programs.

Registration Information
Registration Fee
The registration fee is $1500 if you register by March 31 and $1800 if you register after March 31. It covers resource material including the DSSAT v4.6 software and the book Understanding Options for Agricultural Production. It also includes AMFM breaks and lunch on training days, and registration services. It does not cover overnight charges, lodging, health insurance, or transportation. Each participant is responsible for these costs if you need to cancel after March 31, you are assured of receiving a confirmation package. Enrollment is limited to 50 participants.

How To Register: 5 Easy Ways
By mail: Mail your registration and payment to the Office of Continuing Education, The University of Georgia, Griffin Campus, 1109 Experiment St., Griffin, GA 30223.
In person: Come to the Office of Continuing Education, which is located in the Sluckey Conference Center, Room 125, on the Griffin Campus. Business hours 8 am-5 pm, M-F.
By telephone: Our telephone number is 1-770-229-3477. Payment is by credit card only.
By fax: Fill out your registration form and fax it to 1-770-233-6180. Payment is by credit card only.
Online: Go to www.ugagrafincontinuinged.com. Click the DSSAT 2017 link at the top of the page. Payment is by credit card.

Payment by Wire Transfer: If you are not able to pay using the options given above, you may be able to wire transfer funds to the University of Georgia. Contact the Office of Continuing Education for information on this payment option.

Cancellations, Refunds, and Substitutions
You may cancel up to March 31 and receive a partial refund. If you cancel after March 31, you will not be eligible for a refund. Pre-registered who fail to attend are liable for the full registration fee. You may, however, substitute another person in your place. Notify our office if you want this option. If the program is canceled by The University of Georgia, you will receive a 100% refund. However, The University of Georgia will not be responsible for any cancellation charges or charges assessed by airlines, travel agencies, or third party entities related to your travel plans.

Special Needs
By check (Make check payable to: University of Georgia)
By credit card
- American Express
- Visa
- Mastercard
- Discover

Name on Credit Card:
Credit Card No.:
Expire:
Authorized Signature:

Method of Payment:
- $1500 if postmarked on or before March 31
- $1800 if postmarked after March 31

Pre-payment is required to guarantee your registration.

Payment by Wire Transfer:
Contact the Office of Continuing Education for information on this payment option.

Registration Form
Please register one (1) person per form. Copy the form as needed.

Pre-payment is required to guarantee your registration.

Name:
Mailing Address:
(street address: please check if home or business)
City:
State:
Zip:
County:
Phone:
Fax:
E-mail:

Phone:_____________________ Fax:________________

Griffin, GA 30223 USA
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