



## **Announcement & Call for Applications**

### ***Joint training workshop on Crop Simulation Modeling and Effects of Climate Risks on Agricultural Production Systems in Southeast Asia***

The University of Toyama is organizing an International Training Workshop on Crop Simulation Modeling in collaboration with the University of Florida, the DSSAT Foundation, and the Asia Pacific Network for Global Change Research (APN-GCR).

Event: Training Workshop on Crop Simulation Modeling and Effects of Climate Risks on Agricultural Production Systems in Southeast Asia using DSSAT

***Date/ Time: 9 -14 January 2023***

***Venue: Bangkok, Thailand***

#### ***Objectives:***

1. To gain a better understanding of simulation models in predicting relationships of agricultural resources, i.e., water and nitrogen, under various weather and climate conditions, on crop phenology, growth, and yield.
2. Applications of the DSSAT-CSM model to improve management of cropping systems and its associated crop simulation models such as CROPGRO and CERES.
3. Minimum data requirements and experimental data collection for system simulations using the windows-based Decision Support System for Agrotechnology Transfer (DSSAT) Version 4.8 ([www.DSSAT.net](http://www.DSSAT.net)).
4. Strengthening technical and scientific abilities by enhancing collaboration between National Agricultural Research System (NARS), policymakers, local communities, and international organizations

#### ***Target Applicants:***

The target project participants of this workshop are university graduates currently engaged in crop production or agro-ecosystems related research, teaching, planning, extension, and outreach. Participants should understand crop and soil science and be familiar with the terminology used in these fields. In-depth knowledge of agriculture, nevertheless, is not a precondition. Selected participants should be familiar with personal computers and the windows operating environment. Lastly, participants must be able understand and communicate in English.

#### ***Limited Scholarships:***

The APN-Funded project entitled “Capacity Development Training Workshop on Crop Simulation Modeling and Effects of Climate Risks on Agricultural Production Systems in Southeast Asia” (<http://www.apn-gcr.org/resources/items/show/2102>), will cover travel expenses and provide a roundtrip ticket to Chiang Mai, Thailand; accommodation for the workshop period; and registration fees for the selected applicants. Participants will receive the DSSAT (Version 4.8 for Windows) and the e-book ‘Understanding options for Agricultural Production’. The scholarship will support early career researchers, scientists, academicians and extension officers from Indonesia, Lao PDR, and Cambodia.



CFES  
Center for Far Eastern Studies  
University of Toyama



UNIVERSITY of  
FLORIDA



ASIA-PACIFIC NETWORK FOR  
GLOBAL CHANGE RESEARCH



DSSAT  
FOUNDATION

Interested participants must submit their curriculum vitae to the following contact persons. Please download the CV format application (<http://www3.u-toyama.ac.jp/cfes/pdf/CV.pdf>).

Applicant from Indonesia:

Prof. Udin Hasanudin

University of Lampung

e-mail Id: [udinha65@gmail.com](mailto:udinha65@gmail.com); and [geetha@eco.u-toyama.ac.jp](mailto:geetha@eco.u-toyama.ac.jp)

Applicant from Lao PDR:

Dr. Sithong Thongmanivong,

National University of Laos

e-mail Id: [sithong@nuol.edu.la](mailto:sithong@nuol.edu.la); and [geetha@eco.u-toyama.ac.jp](mailto:geetha@eco.u-toyama.ac.jp)

Applicant from Cambodia:

Mr. Nut Nareth

Royal University of Agriculture

e-mail Id: [nnareth@rua.edu.kh](mailto:nnareth@rua.edu.kh); and [geetha@eco.u-toyama.ac.jp](mailto:geetha@eco.u-toyama.ac.jp)

For more details of the workshop:

Please visit the following URL: [http://www3.u-toyama.ac.jp/cfes/pdf/20230109\\_14.pdf](http://www3.u-toyama.ac.jp/cfes/pdf/20230109_14.pdf)

Further any inquiries related to the workshop, please get in touch with Dr. Geetha Mohan at [geetha@eco.u-toyama.ac.jp](mailto:geetha@eco.u-toyama.ac.jp)

Submission Deadline: Submit the prescribed CV format application on or before **October 5<sup>th</sup>, 2022**. Kindly note that the application received after the deadline will not be considered.

Note: The above scholarship will not cover PCR tests and self-isolation costs. The selected participants are solely responsible for these expenses in case they got affected by COVID-19.