



Food Security and Agritech Symposium

2025

Sustainable Agriculture Innovations
for Climate Resilience

NOVEMBER 2 – 4, 2025

@ CREATE, SINGAPORE



Call for Abstracts

Theme	Innovating Food Security and Agritech Solutions across the Pacific Rim
Dates	November 2–4, 2025
Venue	CREATE, NUS U-Town, Singapore
Co-hosts	Nanyang Technological University (NTU) and the National University of Singapore (NUS)
Format	Hybrid (In-person and Virtual)

About the Symposium and APRU FAH

The APRU Food Security and Agritech (FAH) Program addresses pressing challenges related to climate change and food security across the Asia-Pacific region. Co-hosted by Simon Fraser University, Nanyang Technological University, and the National University of Singapore, the initiative fosters collaboration among APRU member universities and stakeholders.

Call for Abstracts: APRU Food Security and Agritech Symposium 2025

Partner institutions such as National Taiwan University, UC Davis, Seoul National University, and The University of Adelaide have joined a dedicated working group to drive program development and pilot initiatives.

Our goal is to establish a research and innovation hub to respond to agricultural and food security needs across the region. Focus areas include:

- AI, IoT, robotics, alternative proteins, and other agritech solutions
- Climate resilience, resource efficiency, and food systems transformation
- Regenerative agriculture, sustainable food, and equitable development

In partnership with the APRU FAH Hub, NTU and NUS are leading the 1st APRU Food Security and Agritech Symposium 2025, which aims to facilitate cross-sector collaboration and support the development of translational research to benefit the Pacific Rim.

Call for Abstracts

Researchers and students are invited to submit abstracts for Paper or Poster Presentations (hybrid format) related to one of the following three symposium themes:

- Climate-smart agriculture including digital soil mapping to inform policy and action, enhanced traceability to build trust, decarbonization, and precision agriculture to optimise resource use and yield**
(Co-leads: NTU Singapore and UC Davis)
- Agritech including agri-engineering, appropriate technologies, and phenotyping**
(Co-leads: SFU and NTU Taiwan)
- Regenerative agriculture and sustainable food**
(Co-leads: NUS and University of Adelaide)

In-person attendees will participate in theme-based workshops to co-create a shared vision and collaboration pathways.

Virtual attendees can view keynotes and join student poster sessions.

Abstract Submission Guidelines

Abstract Types

- Paper Presentation
- Poster Presentation

(Both available for hybrid format.)

Submission Instructions

- Submit your abstracts via the [online submission form](#) (refer to [Appendix 1](#) for Abstract Content Requirements).
- For any inquiries, please contact:
 - Anne Lochhoff / anne.lochoff@ntu.edu.sg – APRU FAH Co-Director
 - Gandhar Desai / gandhar.desai@ntu.edu.sg – Symposium Coordinator

Participant Timeline

Stage	Date
Applications Open	July 15, 2025
Submission Deadline	August 30, 2025
Review Period	August 31 – September 10, 2025
Notification of Results	September 15, 2025

Registration Details

Registration Type	Early-Bird Price (SGD)	Standard Price (SGD)
Student (Virtual)	—	Free
Student (In-person)	—	S\$100
Regular (In-person)	S\$400	S\$500
Regular (Virtual)	—	S\$200
Steering Committee	—	S\$300

Early-Bird Registration Deadline: September 30, 2025

Symposium Details

Schedule Highlights

- **Symposium Dates:** November 2–4, 2025
- **Abstract Presentation Dates:** November 3 & 4, 2025
- **Venue:** CREATE, NUS U-Town, Singapore

Symposium Format

- **In-Person:** Gathering for collaborative workshop
- **Virtual Presentations:**
 1. Keynote Presentations (45 minutes each)
 2. Student Poster Presentations

Appendix 1: Abstract Content Requirements

Item	Description
Presentation Title	Limit to 15 words. Clear and descriptive title (sub-title if applicable).
Abstract	Provide an abstract which includes background, methods, discussion, results, and conclusion. Also highlight alignment to one of the three symposium themes (max. 250 words).
Keywords (5)	
Learning objectives	What participants gain or learn (3-5 key insights).
Additional Information	Please provide any additional information relevant to your abstract, including special equipment needs and accessibility requirements.
Presenter & Co-authors	Full Name: Institution: Position/Title: Email: Phone Number: Mailing Address: (Repeat for co-authors as needed)