

FINAL ANNOUNCEMENT

INTERNATIONAL CONFERENCE ON TROPICAL FRUIT PESTS AND DISEASES

25-27 September 2018

Le Méridien, Kota Kinabalu, Sabah, Malaysia

www.itfnet.org/troped2018

Theme:

*"Sustainable Solutions for
Tropical Fruit Pests and Diseases"*



Organized by:



In partnership with:



ABOUT TROPED '18



Although tropical fruit production has been lower in 2017 compared to the last decade, FAO reports that countries have been increasing their areas of production in response to the increasing demand for tropical fruits. It is anticipated that growth would be positive in the coming years with continued and increasing demand for the commodity, which is also beginning to attain a significant share in the global agricultural trade. This has concurrently opened up new market opportunities and transformed the preferences of consumers for healthier, safer and fresher produce.

Like other horticultural crops, the incidences of pests and diseases are among the main factors that can impact sustainable tropical fruit production. Globalization, trade liberalization and expansion of the tourism industry create wide opportunities for networking and market growth. Paradoxically, these also create pathways for broader dispersion of pests and diseases from their geographical origins. Pests and diseases not only destroy total crop areas, but also reduce yields, affect quality and lower the market potential of tropical fruits and its products.

Harmonizing efforts at all levels as well as integrated approaches are necessary to curtail and mitigate the destructive effects of pests and diseases. Strict quarantine and regulatory measures should also be enforced at various entry points of countries to prevent introduction of new pests, diseases and further invasion. At farm level, smallholder farmers and growers should be trained to adopt good agricultural practices (GAP), integrated pests and diseases management, judicious use of chemicals and have a system of monitoring and surveillance. Research and development efforts have to be intensified and prioritized by national research institutes to find effective responses and management approaches. Public awareness and knowledge on the use of biological control methods and biotechnology tools for integrated pest management (IPM) also need to be promoted to assist in decision-making for the adoption of effective methods in the management of pests and diseases.

Cognizant of the above mentioned needs and challenges, the International Tropical Fruits Network (TFNet) through the support from the Malaysian Ministry of Agriculture (MOA) and partners Universiti Malaysia Sabah (UMS), the Centre for Agriculture and Bioscience International (CABI), the Department of Agriculture Sabah, the Malaysian Agricultural Research and Development Institute (MARDI) and Universiti Putra Malaysia (UPM), is organizing the International Conference on Tropical Fruit Pests and Diseases (TROPED 2018) to disseminate the existing expert knowledge on the mitigation and prevention of prevailing pests and diseases afflicting tropical fruits.

We are looking forward to your participation in TROPED 2018!

ORGANIZERS

Main Organizer: International Tropical Fruits Network (TFNet)
Support: Ministry of Agriculture and Agro-based Industry, Malaysia (MOA)
Partners: Biotechnology Research Institute, Universiti Malaysia Sabah (UMS)
Centre for Agriculture and Bioscience International (CABI)
Department of Agriculture (DOA), Sabah, Malaysia
Malaysian Agricultural Research and Development Institute (MARDI)
Universiti Putra Malaysia (UPM)

MAIN STEERING COMMITTEE

Chairman: Dato' Mohd Sallehuddin bin Hassan (MOA)
Advisor: Mr. Yacob Ahmad (TFNet)
Co-Chairman 1: Ms. Dorothy Chandrabalan (TFNet)
Co-Chairman 2: Dr. Zarina Amin (UMS)
Treasurer: Ms. Hariyatul Asni Abdul Rani (TFNet)
Secretary: Ms. Noor Ba'ah Abdol Said (TFNet)
Members: Dr. A. Sivapragasam (CABI SEA)
Mr. Chong Tan Chun (DOA, Sabah)
Dr. Pauziah Muda (MARDI)
Assoc. Prof. Dr. Nur Azura Adam (UPM)

SCIENTIFIC COMMITTEE

Head: Dr. Yew Chee Wei (UMS)
Members: Assoc. Prof. Dr. Azwan Awang (UMS)
Prof. Dr. Clemente Michael Wong Vui Ling (UMS)
Assoc. Prof. Dr. Vijay Kumar (UMS)
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Dr. Ruzaidi Azli Mohd Mokhtar (UMS)
Dr. Nur Athirah Yusof (UMS)
Dr. Noor Hydayaty Md. Yusuf (UMS)
Mr. Wilson Yong Thau Lym (UMS)
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Dr. Mohd Selamat Madom (UMS)
Dr. Mohd Rakib Mohd Rashid (UMS)
Dr. Clament Chin Fui Seng (UMS)
Dr. Chong Khim Phin (UMS)
Mr. Muhammad Faheem (CABI)
Assoc. Prof. Dr. Nur Azura Adam (UPM)
Mr. Yacob Ahmad (TFNet)

SECRETARIAT

Head: Ms. Noor Ba'ah Abdol Said (TFNet)
Co-Head: Dr. Ruzaidi Azli Mohd. Mokhtar (BRI, UMS)
Members: Ms. Hariyatul Asni Abdul Rani (TFNet)
Mr. Arifurrahman Rusman (TFNet)
Ms. Dorothy Chandrabalan (TFNet)
Mr. Christian Anthony T. Cangao (TFNet)
Ms. Halijah Hj Abdul Hamid (BRI, UMS)
Ms. Azie Zarifah Abdul Aziz (BRI, UMS)

AIM

The International Conference on Tropical Fruit Pests and Diseases (TROPED 2018) is organized with the aim for expert knowledge sharing and networking on the various topics related to pests and diseases management of tropical fruits. The conference hopes to identify sustainable solutions for practitioners and industry players.



Photo by Nguyen Thanh Hieu, SOFRI

TARGET PARTICIPANTS

Government Agencies
Researchers
Commercial Growers
Input Suppliers
Exporters/Importers
Students

IMPORTANT DATES

14 March	Call for Papers First Announcement Early Bird Registration Begins
13 April	Second Announcement
31 July	Early Bird Registration Ends
10 August	Final Announcement
31 August	Deadline of Abstracts
20 September	Deadline of Full Papers
25 September	Start of Conference

REGISTRATION

Category	Early Bird (Before 31 July 2018)	Regular (After 31 July 2018)
International Participants (Non-TFNet Members)	USD 450	USD 500
International Participants (TFNet Members)	USD 350	USD 400
Local Participants (Non-TFNet Members)	MYR 750	MYR 900
Local Participants (TFNet Members)	MYR 600	MYR 750
International Students	USD 100	USD 200
Local Students	MYR 250	MYR 350
Field trip	USD 50 (RM 200)	USD 50 (RM 200)

To register, visit www.itfnet.org/troped2018/registration.php or email troped@itfnet.org.

For participants intending to submit multiple papers, the following rates would apply:

- 1st paper: Advertised rates
- 2nd paper: 50% of registration fees
- 3rd paper and onwards: USD 50 (RM 200) for each paper

For participants intending to submit multiple posters, the following rates would apply:

- 1st poster: Advertised rates
- 2nd poster and onwards: a flat rate of USD 50 (RM 200)

Students are required to present their Student ID and/or passport during registration.



THEMATIC AREAS



1. New and Emerging Tropical Fruit Pests and Diseases



4. Advances in Biological Control Methods



2. Challenges and Opportunities in Biosecurity and Quarantine



5. Advances in Biotechnology Research on Tropical Fruit Pests and Diseases



3. Plant Health, Soil Nutrition and Disease-free Planting Materials



6. Developments in Plant Protection: Emerging Trends and Capacity Requirements

GUIDELINES FOR SUBMISSION AND PRESENTATION

Abstracts should not exceed 300 words and it must clearly indicate the problem, objectives, research methods, results, conclusions and five key words describing the paper. Only abstracts submitted in English will be accepted. Once accepted, a full paper is required to be submitted for inclusion in the conference proceedings

Deadline for abstract submissions is **31 August 2018**.

Kindly submit your abstracts to: troped@itfnet.org.

Full paper submissions must be 5–8 pages in length, A4 size. Font should be Arial size 12 and must include the paper title, author(s), affiliation(s), addresses, email addresses, abstract, keywords, relevant figures or pictures, and references.

Deadline for full paper submissions is **20 September 2018**.

Kindly submit your full papers to: troped@itfnet.org.

The **poster** should include the research title, abstract, introduction (background study and objectives), methodology, results, discussion and conclusion. The poster should be no larger than A1 size (A1 size is 59.4cm x 84.1cm), and its orientation must be in portrait style. The text, illustrations, etc. should be large or bold enough to be read from a distance of two meters.

Oral presenters to arrive at the designated hall 15 minutes before your session begins, and report to the session chair(s). Each oral presentation will be allocated 15 minutes. Please ensure to complete your presentation within the allocated time.

Deadline for submission of Powerpoint presentations is **20 September 2018**.

Kindly submit your full papers to: troped@itfnet.org.

PUBLICATION

All accepted oral papers will be published in the conference proceedings indexed in **CAB Abstracts**, a leading English language bibliographic information system.

Keynote Presenters



Prof. Randy Ploetz
Professor of Plant Pathology
Tropical Research & Education Center,
University of Florida
Keynote Paper:
Progress and the Future Outlook for
Tropical Fruits Diseases Management



Dr. Mohamad Roff Mohd. Noor
Director-General
Malaysian Agricultural Research and
Development Institute (MARDI)
Keynote Paper:
Tropical Fruit Pests and Their
Management Options in Malaysia



Dr. Jayne Crozier
Team Leader/Plant Pathologist
Centre for Agriculture and Bioscience
International (CABI)
Keynote Paper:
The Role of Plant Health in Food
Security

Lead Paper Presenters



Prof. Randy Ploetz
Professor of Plant Pathology
Tropical Research & Education Center,
University of Florida
Session 1: New and Emerging Tropical
Fruit Pests and Diseases
Lead Paper:
New and Emerging Diseases and Pests
of Tropical Fruit Crops



Mr. Ahmad Kamil Mohd. Yunus
Director
Plant Biosecurity Division, Department
of Agriculture Malaysia
Session 2: Challenges and
Opportunities in Biosecurity and
Quarantine
Lead Paper:
Strengthening Sanitary and
Phytosanitary (SPS) Capacities for
Improving Trade of Tropical Fruits



Prof. Latiffah Zakaria
Professor of Plant Pathology
Universiti Sains Malaysia
Session 3: Advances in Biotechnology
Research on Tropical Fruit Pests and
Diseases
Lead Paper:
To be confirmed



Prof. Ravindra C. Joshi
Professor
University of the South Pacific, Fiji
Session 4: Plant Health, Soil Nutrition,
and Disease-free Planting Materials
Lead Paper:
The Impact of Elevated Levels of
Carbon Dioxide on Host Plants, Insect
Pests, and Their Natural Enemies:
Implications for Tropical Agriculture



Prof. David Guest
Professor of Plant Pathology
University of Sydney
Session 5: Advances in Biological
Control Methods
Lead Paper:
Bio-based Control Methods for Disease
Management in Tropical Fruits



Dr. Sivapragasam Annamalai
Regional Director
Centre for Agriculture and Bioscience
International (CABI)- South East Asia
Session 6: Developments in Plant
Protection: Emerging Trends and
Capacity Requirements
Lead Paper:
Emerging Trends in Plant Protection



Tentative Program

Time	Details
25 SEPTEMBER - DAY 1	
08:00 am	Registration Arrival of guests and participants
09:00 am	Opening Ceremony Welcome Address: Dato' Mohd. Sallehuddin Hassan <i>Chairman, International Tropical Fruits Network (TFNet)</i> Opening Remarks: Prof. Datuk Dr. D. Kamaruddin D. Mudin <i>Vice Chancellor, Universiti Malaysia Sabah</i> Datuk Idrus Shafie <i>Director, Department of Agriculture, Sabah</i> Official Opening Address: CM of Sabah/Sabah Agriculture Minister
Keynote Sessions 1 & 2 <i>Chair: HE Eng. Wassfi Hassan El-Sreihin; Secretary General of African-Asian Rural Development Organization (AARDO)/TFNet Board Member</i>	
10:00 am	Keynote Paper 1: Progress and the Future Outlook for Tropical Fruits Diseases Management Prof. Randy C. Ploetz <i>University of Florida, USA</i>
10:30 am	Group Photo Session and Snack Break
11:00 am	Keynote Paper 2: Tropical Fruit Pests and its Management Options in Malaysia Datuk Dr. Mohamad Roff Mohd. Noor <i>Malaysian Agricultural Research and Development Institute (MARDI), Malaysia</i>
SESSION 1: New and Emerging Tropical Fruit Pests and Diseases <i>Chair: Dr. Yi Ganjun, President, Guangdong Academy of Agricultural Sciences (GDAAS), China; Vice-chairman of International Tropical Fruits Network (TFNet)</i>	
11:30 am	Lead Paper 1: New and Emerging Diseases and Pests of Tropical Fruit Crops Prof. Randy C. Ploetz <i>University of Florida, USA</i>
12:00 am	Technical Papers
12:45 pm	Q&A and End of Session 1
01:00 pm	Lunch Break
SESSION 2: Challenges and Opportunities in Biosecurity and Quarantine <i>Chair: Dr. Nguyen Quoc Hung, Director General, Fruit and Vegetable Research Institute, Vietnam/TFNet Board Member</i>	
02:00 pm	Lead Paper 2: Strengthening Sanitary and Phytosanitary (SPS) Capacities for Improving Trade of Tropical Fruits Mr. Ahmad Kamil Mohd. Yunus <i>Department of Agriculture, Malaysia</i>
02:30 pm	Technical Papers
03:00 pm	Q&A and End of Session 2
03:15 pm	Snack Break and Poster Presentation

Time	Details
SESSION 3: Advances in Biotechnology Research on Tropical Fruit Pests and Diseases <i>Chair: Dr. Zarina Amin, Director, Biotechnology Research Institute, Universiti Malaysia Sabah, Malaysia</i>	
03:30 pm	Lead Paper 3: To be confirmed Prof. Latiffah Zakaria <i>Universiti Sains Malaysia</i>
04:00 pm	Technical Papers
04:30 pm	Q&A and End of Session 3
05:00 pm	End of Day 1
26 SEPTEMBER - DAY 2	
Keynote Session 3 <i>Chair: Prof. Randy C. Ploetz, University of Florida, USA</i>	
08:30 am	Keynote Paper 3: The Role of Plant Health in Food Security Dr. Jayne Crozier <i>Centre for Agriculture and Bioscience International (CABI), United Kingdom</i>
SESSION 4: Plant Health, Soil Nutrition, and Disease-free Planting Materials <i>Chair: Mr. Yacob Ahmad, TFNet Advisor/Expert Board Member</i>	
09:00 am	Lead Paper 4: The Impact of Elevated Levels of Carbon Dioxide on Host Plants, Insect Pests, and Their Natural Enemies: Implications for Tropical Agriculture Prof. Ravindra C. Joshi <i>University of the South Pacific, Fiji</i>
09:30 am	Technical Papers
10:00 am	Q&A and End of Session 4
10:15 am	Snack Break
SESSION 5: Advances in Biological Control Methods <i>Chair: Datuk Dr. Mohamad Roff Mohd. Noor, Director General, Malaysian Agricultural Research and Development Institute (MARDI), Malaysia</i>	
10:30 am	Lead Paper 5: Bio-based Control Methods for Disease Management in Tropical Fruits Prof. David Guest <i>University of Sydney, Australia</i>
11:00 am	Technical Papers
11:45 am	Q&A and End of Session 5
SESSION 6: Developments in Plant Protection: Emerging Trends and Capacity Requirements <i>Chair: Prof. Ravindra C. Joshi, University of the South Pacific, Fiji</i>	
12:00 pm	Lead Paper 6: Emerging Trends in Plant Protection Dr. Sivapragasam Annamalai <i>Centre for Agriculture and Bioscience International-Southeast Asia (CABI-SEA), Malaysia</i>
12:30 pm	Technical Papers
01:00 pm	Lunch Break and Poster Exhibition
02:00 pm	An Introduction to CABI's Plantwise Programme and Plant Clinics Mr. Muhammad Faheem <i>Centre for Agriculture and Bioscience International-Southeast Asia (CABI-SEA), Malaysia</i>
02:30 pm	Q&A and End of Session 6
03:00 pm	Panel Discussion: Recommendations for Sustainable Solutions in the Management of Tropical Fruit Pests and Diseases Moderator: Mr. Yacob Ahmad (TFNet Advisor/Expert Board Member)
04:30 pm	Closing Ceremony - Presentation of Best Poster Award & Closing Message
05:00 pm	End of Conference

FIELD TRIP - 27 SEPTEMBER 2018

Time	Details
07:00 am	Assemble at the hotel
07:30 am	Depart to fruit farms (Tuaran Pineapple Farm)
08:30 am	Arrival and briefing by DoA Sabah's Officer-In-Charge
08:45 am	Plant Clinic demonstration by CABI
09:30 am	Depart for Kundasang
10:45 am	Arrival at Kundasang/Site tours
12:00 pm	Lunch
01:00 pm	Site tours and stopover at Nabalu
04:00 pm	Depart to hotel
06:15 pm	Arrival at hotel



Pineapple industry in Sabah

Participants will visit pineapple farms in Tuaran. The tour will be led by Department of Agriculture, Sabah.

Photo from quintinlake.com.



Plant Clinic Demonstration

After visiting the farm, CABI will demonstrate its plant clinic program. Experts will identify pest and diseases affecting crops and will recommend affordable solutions.



Kundasang, Sabah

Participants will be able to enjoy scenic views at the foot of Mount Kinabalu. These include beautiful hills, dairy farms, vegetable gardens, botanical gardens, and many more.

Photo by Nadhirah Hasnan, Traveloka.

OTHER PLACES OF INTEREST IN KOTA KINABALU



Mari Mari Cultural Village

The Mari Mari Cultural Village features five different ethnic tribes and operates as an interactive museum to preserve Borneo ethnic cultures.

Photo and info from Madeleine Tham, shopback.my.



Tunku Abdul Rahman Park

The Tunku Abdul Rahman (TAR) Marine Park is a composite of five smaller islands: Gaya, Manukan, Sapi, Sulug, and Mamutik.

Photo and info from Madeleine Tham, shopback.my.



Sepilok Orangutan Rehab Centre

Sepilok is a rehabilitation site to care for orphaned and confiscated orangutans, as well as pockets or other animals such as gibbons and elephants.

Photo and info from Madeleine Tham, shopback.my.

Venue and Accommodation



TROPED 2018 will be held at the Le Méridien Kota Kinabalu, Sabah Malaysia.

Hotel address: **LE MÉRIDIDIEN KOTA KINABALU**
Jalan Tun Fuad Stephen,
Sinsuran Kompleks, 88000
Kota Kinabalu, Sabah

Participants of the conference are welcome to book their accommodation at the Le Méridien Kota Kinabalu through their website: www.limeridienkotakinabalu.com. Participants are also welcome to book through 3rd party services (Agoda, Traveloka, etc.) at their own discretion.

Urban Room: USD 127 (RM 491) Vista Room USD 138 (RM 566)

Other Hotel Options: The Klagan Hotel (USD 52/RM 200)
KK Waterfront Hotel (USD 54/RM 208)
Promenade Hotel (USD 62/RM 240)
Dreamtel (USD 47/RM 180)
Hyatt Regency (USD 135/RM 520)

Backpacker Hotels: Seaview Capsule Hotel (USD 13/RM 50)
Seri Borneo Hotel (USD 27/RM 103)
Yomi Hotel (USD 23/RM 88)
Space Cap Hotel (USD 10/RM 37)
Hotel Traveller (USD 21/RM 78)

For even more options, visit: www.itfnet.org/troped2018/venue.php

Transportation

The Le Méridien Kota Kinabalu is 8.0 km away from the Kota Kinabalu International Airport.

Taxis from the airport to the venue costs around RM 20-25 (USD 5-6).

Visa

Nationals from countries listed below who are traveling to Malaysia for business and tourism purposes are allowed to enter Malaysia without visas for a stay not exceeding ninety (90) days:

All European Union Citizens	Albania	Algeria	Argentina	Australia	Bahrain
Bosnia and Herzegovina	Brazil	Canada	Cuba	Egypt	Iceland
Japan	Jordan	Kuwait	Kyrgyzstan	Lebanon	Liechtenstein
Maldives	Morocco	New Zealand	Norway	Oman	Peru
Qatar	San Marino	Saudi Arabia	South Africa	South Korea	Sudan
Syria	Switzerland	Tunisia	Turkey	Turkmenistan	United Arab Emirates
United States	Uruguay	Yemen			

Nationals from countries listed below who are traveling to Malaysia for business and tourism purposes are allowed to enter Malaysia without visas for a stay not exceeding thirty (30) days:

Andorra	Antigua and Barbuda	Armenia	Azerbaijan	Bahamas	Barbados
Belarus	Belize	Benin	Bolivia	Botswana	Brunei
Cambodia	Cape Verde	Chad	Chile	Comoros	Costa Rica
Dominican Republic	Ecuador	El Salvador	Fiji	Gabon	Gambia
Georgia	Grenada	Guatemala	Guinea	Guyana	Haiti
Honduras	Hong Kong	Indonesia	Iraq	Jamaica	Kazakhstan
Kenya	Kiribati	Laos	Lesotho	Macau	Macedonia
Madagascar	Malawi	Marshall Islands	Mauritania	Mauritius	Mexico
Moldova	Monaco	Mongolia	Namibia	Nauru	Nicaragua
Palau	Palestine	Panama	Papua New Guinea	Paraguay	Philippines
Russia	Saint Kitts and Nevis	Saint Lucia	Saint Vincent and the Grenadines	Samoa	São Tomé and Príncipe
Senegal	Seychelles	Sierra Leone	Singapore	Solomon Islands	Somalia
South Sudan	Suriname	Swaziland	Taiwan	Tajikistan	Tanzania
Thailand	Timor-Leste	Togo	Tonga	Trinidad and Tobago	Tuvalu
Uganda	Ukraine	Uzbekistan	Vanuatu	Vatican City	Venezuela
Vietnam	Zambia	Zimbabwe			

Foreign Exchange

The Malaysian Ringgit (RM/MYR) is the official currency.
USD 1.00 ~ RM 4.00