



11.00-11.30 am **Paper 3: Experience in Managing of POME In Genting Mills**
Mr. Vijayam A/L/ Manikam
Genting Plantations Bhd

11.30-12.00 pm Q and A session

12.00-2.00 pm Lunch

Session 6 : Industry and Social Perspectives
Session Chair:
Dr. Gaim James Kunkapis
Faculty of Arts, Humanities and Heritage
Universiti Malaysia Sabah

2.00-2.30 pm **Paper 4: Promoting Sustainable Smallholder Oil Palm Cultivation: Supply Chain Perspectives and Influences.**
Dr. Paul Jensen and Pauline Deutz
University of Hull, UK

2.30-3.00 pm **Paper 5: Moving into Oil Palm: Trade-Offs and Challenges for Small Holders**
Mr. Ryan Morent Jimbu and Prof. Dr. Fadzilah M. Cooke
Universiti Malaysia Sabah

3.00-3.30 pm **Paper 6: Agro Industry Waste Composting: Long Term Performance**
Mr. Assis Kamu, Mr. Assis Tahang and Dr. Abu Zahrim Yaser
Universiti Malaysia Sabah & Prestige Central Management Sdn. Bhd

3.30-4.00 pm **Paper 7: Effect of Turning During Empty Fruit Bunches Composting**
Mr. Tengku Mohamad Al Mizi Tengku Mohd Azmi, Assoc. Prof. Dr Chong Khim Phin and Dr Abu. Zahrim Yaser
Universiti Malaysia Sabah & Prestige Central Management Sdn. Bhd

4.00-4.30 pm Q and A Session

4.30-5.00 pm **JOINT DISCUSSION**

- YBhg. Datin Hajah Hanili Bt Ghazali, Director, Department of Environment Sabah
- Mr. Vijayam Manikam, Vice President (Processing), Genting Plantations Bhd
- Mr. Raymond Hebertson, Senior Manager, IOI Corporation Bhd
- Dr. Loh Soh Kheang, Head, Energy and Environment Unit, MPOB
- Prof. Dr. Stephanie Hawood, Director Centre for Adaptive Science and Sustainability, University of Hull
- Prof. Dr. Fadzilah M. Cooke, Research Fellow, Sustainable Palm Oil Research Unit, UMS

Moderator: Assoc. Prof. Dr. Chong Khim Phin

5.00-5.30 pm Tea Break and End of Day 3

18 March 2016 - Day 4
Day Tour to Sawit Kinabalu Langkon Oil Palm Mill.
Participants will visit Langkon Palm oil mill and its composting system. Depart at 7.30am from UMS Kota Kinabalu Campus.
***LIMITED TO FIRST 40 REGISTERED PARTICIPANTS ONLY.**

PLEASE REGISTER ME/US:

Name: _____
Salutation: _____
Designation: _____
Email: _____
Organization: _____
Mailing Address: _____

Tel: _____ Fax: _____
Email: _____
Contact person: _____

REGISTRATION DUE DATE: 29 FEBRUARY 2016



INFORMATION

For further information, kindly contact:
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Faculty of Sustainable Agriculture
Universiti Malaysia Sabah
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Enquiry: Ms. Wennie Bt Seumin



UMS
UNIVERSITI MALAYSIA SABAH

and



Jointly Present

SEMINAR ON PALM OIL WASTE UTILIZATION AND MANAGEMENT

TUESDAY-FRIDAY
15-18
March
2016

AUDITORIUM
BIOTECHNOLOGY RESEARCH INSTITUTE (BRI)
UNIVERSITI MALAYSIA SABAH
KOTA KINABALU, SABAH, MALAYSIA



ABOUT THE SEMINAR

This Seminar aims to provide participants with an overview on the cutting edge research in managing palm oil mill effluent (POME) both from the Universities and the Oil Palm Industries. The Seminar is jointly organized by Universiti Malaysia Sabah (UMS) with University of Hull, UK as a continuing effort in dissemination of research information from the on going Newton Fund project in managing POME which funded by British Council. The seminar will serve as a platform to bridge researchers, millers and the industry community for sustainable management of POME in the country. It will give an opportunity for the speakers to share their knowledge and experiences with the participants.

Besides the great learning experience, this seminar also targets long lasting research and solution between speakers and participants on POME management issue in the future.

SEMINAR TENTATIVE

15 March 2016

DAY 1

8.30-9.30am **Registration (for participants)**

Session 1: Introduction and Keynote Session

Session Chair : **Prof. Dr. Fadzilah M. Cooke**
Research Fellow, Sustainable Palm Oil Research Unit (SPOR), UMS

9.30-10.30 am **Overview of the Newton Project**

Prof. Dr. Stephanie Haywood
Director, Centre for adaptive Science and Sustainability
University of Hull, UK
and
Assoc. Professor *Dr Chong Khim Phin*
Head
Sustainable Palm Oil Research Unit (SPOR)
Universiti Malaysia Sabah

10.30-11.00 am Q and A Session

11.00-12.00 pm **Keynote 1:** Title to be Announced

Datuk Dr. Pang Teck Wai
CEO
POIC Sabah Sdn Bhd

12.00-2.00 pm Lunch

Session 2 Technical Approaches to Waste Utilization 1

Session Chair:
Dr. S.M. Anisuzzaman
Faculty of Engineering, UMS

2.00-2.30 pm **Paper 1: Flocculation of Palm Oil Mill Effluent**
Dr. Abu Zahrim Yaser, Dexter Zick Donny and Nasimah Asmuran
Universiti Malaysia Sabah

2.30-3.00 pm **Paper 2: Preparation of Bifunctional and Hybrid Carbon-Based Catalysts for Biodiesel Production**
Dr. Jidon Janaun
Universiti Malaysia Sabah

3.00-3.30 pm **Paper 3: Preparation of Catalysts for Using Microwave System**
Dr. Sharif Zein, Dr. Zongyuan Zhu, Elis Davies and Dalila Touhami
University of Hull, UK

3.30-4.00 pm **Paper 4: Utilization of Oil Palm Wastes for Water Treatment**
Dr. Harry Chong Lye Hin
Universiti Malaysia Sabah

4.00-4.30 pm Q and A Session

4.30-5.00 pm Tea Break and End of Day 1

16 March 2016

DAY 2

Session 3: Technical Approaches to Waste Utilization 2

Session Chair:
Dr. Teoh Peik Lin
Deputy Director (Academic), Biotechnology Research Institute, UMS

9.00-9.30 am **Paper 1: Ozonated System in Managing POME**
Dr. Moh Pak Yan
Universiti Malaysia Sabah

9.30-10.00 am **Paper 2: Recovery of oil from POME using Polypropylene Nano-Fiber**
Ms. Veroneka Semilin
Universiti Malaysia Sabah

10.00-10.30 am **Paper 3: Conversion of Oil Recovered from POME into Biodiesel**
Ms. Winnie Sinan Balan
Universiti Malaysia Sabah

10.30-11.00 am **Paper 4: Oil Palm Agricultural Waste Reuse as Future Filtration Media in Water Treatment: A Feasibility Study**
Assoc. Prof. Dr. Nurmin Bolong
Universiti Malaysia Sabah

11.00-11.30 am Q and A Session

11.30-1.00 pm Lunch

Session 4: Social Policy, Perceptions & Business efficiency

Session Chair:
Assoc. Prof. Dr. Rosazman Husin
Head, Ethnography and Development Unit, UMS

1.00-1.30 pm **Paper 5: New Conservation and Oil Palm; The Issue of Small Holders and Poverty Alleviation**
Prof. Dr. Fadzilah Cooke
Universiti Malaysia Sabah

1.30-2.00 pm **Paper 6: Promoting Sustainable Smallholder Oil Palm Cultivation: Supply Chain Perspectives and Influences.**
Dr. Paul Jensen and Pauline Deutz
University of Hull, UK

2.00-2.30 pm **Paper 7 To be invited (University of Hull)**

2.30-3.00 pm **Paper 8: Using GIS to Support the Location of Waste Collection/Processing Sites**
Victor Ha, Stephanie Haywood, Graham Ferrier, Noor Jabarullah
University of Hull, UK

3.00-3.30 pm **Paper 9: Efficiency Gains in the Management of Waste in Palm Oil Mills**
Dr. Linda Whicker
University of Hull, UK

3.30-4.00 pm Q and A Session

4.00-4.30 pm Tea Break and End of Day 2

17 March 2016

DAY 3

Session 5: Industry Perspectives

Session Chair:
Dr. Abu Zahrim Yaser
Faculty of Engineering, UMS

9.00-9.30 am **Keynote 2:** Title to be Announced
Dr. Loh Soh Kheang
Head, Energy and Environment Unit
Malaysia Palm Oil Board

9.30-10.00 am **Paper 1: Experience in Managing of POME in IOI Mills**
Mr. Raymond Herbertson
IOI Corporation Bhd

10.00-10.30 am **Paper 2: The New Dimension in Palm Oil Mill Effluent (POME) Treatment using Aqueous Biotech Treatment System**
Mr. Chung Chin Hing
Aqueous Biotech Sdn Bhd