

PestLINK

A Quarterly Publication by Pest Control Association of Malaysia.

26TH FAOPMA CONVENTION 2015.

Managing Invasive Pests for a Sustainable Tomorrow.



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“ UNITY OCCURS WHEN TEAM MEMBERS CARE MORE ABOUT THE VISION AND PURPOSE OF THE PCAM IN THE INDUSTRY ”

Mr. Johnny JL Ooi
President of Pest Control Association Malaysia

Happy Day and Peace with You Always.

First, let me thank all of you for the very good work this year. We've done a lot, and this year was really a year of consolidating our efforts to bring the pest management Industry to greater heights with the success of Pest Summit 2014. PCAM is very proud that we are able to deliver and produce the Best, the Biggest and the Most Brilliant Pest Summit since its inception 10 years ago. Many thanks to the Organizing Committee headed by Encik Anuar (Deputy President) who have work very hard as well as making personal sacrifices. See what our collective work add up to on a higher level. I wish to put on record my appreciation to our beloved Members, enthusiastic Sponsors, supportive Oversea Participants especially from Thailand, Singapore, Indonesia, Philippines and to everyone who have contributed in every possible ways to make Malaysia Proud and have demonstrated that PCAM ... Boleh !

Time really flies...There are lots that we have achieved this year, but much more needs to be done in the coming year. My term as President PCAM is going to be over. Next month we will be having our 21st Annual General Meeting (AGM) and this will be an Election Year where new committee members will be chosen to serve the PCAM. As I have mentioned earlier, my intention is to serve two terms as to ensure the two great events, the Pest Summit 2014 and Federation of Asian and Oceania Pest Managers Association (FAOPMA) to be held on 2nd to 4th September 2015 in Penang to be another Great Success.

I appeal to all of you to further extend your fullest support to the 26th FAOPMA Convention 2015 which is the First time Malaysia hosting it. Our Vision and Mission is to make FAOPMA simply The Best convention. I encourage you to sign up if you have not. The Convention fee to our local beloved members is only RM 800.00.

As we reflect back on the year 2013 and year 2014, as PCAM President, I am truly blessed to have the tremendous support from the all executive committee members. Their commitment and dedication is demonstrated by their regular attendance at all the meetings and each time we have a Quorum to hold these meeting. To date since my tenure as President, we have conducted 14 Executive Meetings. This shows the commitment and service to the members- with heart, thank you very much for your years of dedication, service and leadership.

Like any organic system, an organization is only as strong as its combined parts. It is no different for PCAM each committee member must work together as on with each individual working towards the common good of the organization. Unity happens when leaders who are the executive committee members are committed and engaged in the process of building a united, winning team. It requires focus, time and energy. Unity occurs when team members care more about the vision and purpose of the PCAM in the industry.

The Solidarity and Unity of the executive Committee was demonstrated during the recent Pest Summit 2014 where everyone contributed and was fully committed in ensuring the Success of the Summit. My sincere thanks to each one of you have shown and utilized your strength in contributing to the betterment of PCAM.

As I have mentioned, I offer my continual leadership for the year 2015 to 2017, we will make FAOPMA which is only 4 months away Simply the Best FAOPMA convention which the PCAM can be proud of as the Organizers. After the FAOPMA, we will focus on increasing the membership. Our current strength is only 173 members and it is our earnest intention is to see an increase to 300 memberships as the industry is estimatezd to have over 600 pest related companies in Malaysia.

Let us enable our executive committee members who are willing to offer themselves again in this election - let them build on the recent success and exercise their creativity and collective strength to take PCAM to greater heights by re-electing them to serve you again.

Once again thousand thanks, to all the executive committee members who have labored beside me and demonstrated their commitment to serve. Your attitude for ensuring the good reputation of PCAM is deeply appreciated. To all Beloved Members, Thank you very much for your continuous support and We in PCAM will continue to Serve You Better and Much Better.

Ribuan Terima Kasih.

Visit by Pest Control Association of Wuhan, China.



On 7th March 2015, 14 Pest Control Association of Wuhan, China Board members visited our office on an exchange learning program.



Our president, Johnny Ooi and exco member Lee Kong presented the history of PCAM and our journey to built a successful pest control association while The President of Wuhan Pest Control Association, Mr Chen Jing Zhu briefed us on their activities to keep their province pest free.



PCAM assists flood victims.



PCAM representatives, En Faizal Mohd Yusof and En Tajuddin Abdul Kadir donate necessary items for flood victims.



Malaysia as host for 26 FAOPMA Convention 2015



Date of Conference:
2 (Wed) – 3 (Thu), Sept 2015

Venue:
Hotel Equatorial Penang,
No.1, Jalan Bukit Jambul, Bayan
Lepas, 11900 Penang, Malaysia

Program:
Seminar and Conference
Sessions, Banquet Dinner,
Exhibitions and Business
Meetings, Social events, Tours
and Shopping

Featuring:

- Latest trends and market researches
- Business management strategies applicable for pest control operators and for the industry
- Up-to-date information on products and technology

Expected Attendees:

- Pest Management Industry
- Chemical Industry
- Oil, Gas and Mining Industries
- Property and Building Industries
- Food Safety Consultants
- Pest Treatment Equipment Supplies
- Government Agencies in the field of Public Health and Environment
- Academicians in the fields of Entomology, Food Safety and Public Health.

Information, Exhibition Booths and advertisement:

APTITUDE Event Management:
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www.FAOPMA2015.com

FAOPMA 2015 Convention The FAOPMA convention is an avenue where you can learn the latest research findings, technology and experience relevant to the pest management industry and indulge the up-to-date information that you need to know from the experts. At the 25th convention in Seoul, Korea in November 26th, 2013, PCAM has been declared the official host. This is indeed a Historic Occasion for PCAM and Malaysia as we host the 26th FAOPMA Convention for the very first time to be held in our nation.

Theme for the 26th FAOPMA Convention

The selection of the Theme for the 26th FAOPMA Convention is carefully thought and designed to follow through on the current theme of **“Beyond Pestech – comprehensive IPM technology on combating climate change”**.

According to Mainka and Howard (2010) climate change and invasive pest species are the two key drivers of the world’s biodiversity loss today. Their findings further implied that climate change is already having a measurable impact on species distributions, reproduction and behaviour, and all evidence suggests that things will get worse even if we act tomorrow to mitigate any future increases in greenhouse gas emissions: temperature will increase, precipitation will change, sea level will rise and ocean chemistry will change.

At the same time, invasions of pest species into foreign habitats remain an important threat to biodiversity, causing species loss, changes in distribution and habitat degradation. Worldwide, invasive pests have been recognized as one of the greatest threats to biodiversity, second only to habitat destruction. The region of Asia which is vast and with rich biodiversity, which makes it especially vulnerable to invasive species. The selection of the theme “Managing Invasive Pests for a Sustainable Tomorrow” has been designed to address the long history of introduction of non- native species, especially those with perceived beneficial impacts into other regions but the general public is not aware of the harm now being caused by alien species and their potential future risks to local ecosystems and our rich biological heritage. In this regard, there is a general lack of understanding of the impacts of invasive pests on ecosystems. People are aware that invasive pest brings new diseases and cause economic loss, but have not realized that invasive pest species are damaging ecosystems and outcompeting native species.

Meanwhile, the region is experiencing rapid economic development, including an explosive growth in international trade and transportation. Invariably, this has increased the potential for new introductions of new pest species across borders. According to CIRIA (2008) some examples of the negative effects caused by invasive species include structural damage, environmental degradation, aesthetic degradation, biodiversity loss, loss of land function, access restrictions and increased risk to human and animal health and safety. Costs incurred because of invasive pests can include repairs to damaged structures and environment, delays to works, loss in value of a landholding or other asset, potential for prosecution because of damage caused by invasive species or infringement of legislation and loss of reputation through mismanagement of invasive species.

The Organizing Committee of the 26th FAOPMA Convention has considered Three (3) Components:

1. Globalization and Borderless World.

The world is almost borderless today, and geographical boundary is no longer a hindrance.

Today, one could travel around the world in less than 72 hours. With budget airlines, getting from one location to another is now possible to almost everybody.

Pests (just like us) could also move freely to another location with modern transportation via hitch-hiking. Because globalization of trade and tourism are accompanied by the increased movement of invasive alien pest species

2. Integrated Pest Management (IPM)

Integrated Pest Management has remained the dominant paradigm of pest control for the last 50 years. IPM has been endorsed by essentially all the multilateral environmental agreements that have transformed the global policy framework of natural resource management, agriculture and trade.

3. Sustainable Pest Management.

This emphasizes the need for attention not only to ecological, environmental and economic aspects, but also to the social and management dimensions. Therefore this approach is towards Sustainable Pest Management – **A feasible, affordable and long lasting** ecologically acceptable pest management process in the urban environment with no or limited economic, social and environmental consequences.

Why Sustainable Pest Management?

- ♦ To embrace the concept of ‘Integrated Pest Management’ (IPM), but with components feasible for the urban settings.
- ♦ To concentrate on inspection, maximizing their efforts on prevention, rather than cure.
- ♦ Emphasizes on ‘protecting’ the human life, buildings and structures, and the landscapes.
- ♦ To minimize or prevent the damages that the pests cause, not to attempt to ‘kill-them-all’ as it is not practical and feasible.
- ♦ To reduce the pest population up to an acceptable level with as little environmental, economic and social disruption as possible.
- ♦ To promote responsible use of pesticides, only use them as and when they are absolutely required.



Gala dinner at the 25th FAOPMA Convention & Exhibition in Seoul, Korea on November 26th, 2013.

We then placed the 3 components together and came up with the theme of 26th FAOPMA Convention: **“Managing Invasive Pests for a Sustainable Tomorrow”**

With these two threats acting together, the impacts of each of these drivers of change are compounded and interactions between these two threats present even greater challenges to Regional Pest Management Industry as well as policymakers. Similarly, the social and economic impacts of climate change and invasive species, already substantial, will be magnified. Awareness of the links between the two should underpin all biodiversity management planning and policies are critical for the Industry to explore this direction.

The 26th FAOPMA Convention will provide the platform to establish a structured approach and inform the pest management industry how we can help to reduce the costs and increase the effectiveness of management of invasive pest. A better understanding of invasive pest species and appropriate action will help the industry to reduce the increasing costs associated with these species and mitigate their effects on our natural habitat.

The 26th FAOPMA 2015 Convention – an avenue where you can learn the latest research findings, technology and experience relevant to the pest management industry and indulge the up-to-date information that you need to know from the experts while experiencing Penang Island, Malaysia. The location of the FAOPMA 2015 Convention is in Penang, Malaysia, a resort island located at the Northern Malaysia peninsula. Georgetown, a city located in Penang Island has been listed by UNESCO as a **UNESCO World Cultural Heritage Site** since 2008. The Guardian UK has listed Penang as one of the Top 10 Holiday Hotspots for the year 2014. Penang has also been rated No. 1 by Lonely Planet as the Top Culinary Spot for the year 2015.

FOR MORE INFORMATION, FIND US AT



PEST CONTROL ASSOCIATION OF MALAYSIA

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American Cockroach:

Biology, pest status and management tactics.

Cockroaches are a diverse group of insects, which consists of approximately 4560 described species. They contribute to a significant portion of the total biomass of arthropods in tropical tree canopies, and a balanced terrestrial ecosystems via decomposing organic matters, pollinating certain species of plants, and serving as essential food sources for some animals. However, only a number of them are considered as insect pests. These pest cockroaches are adapted to live successfully inside and around residential and commercial buildings.

One of the major pest cockroaches is the American cockroach (*Periplaneta americana*). It has a relatively more permeable cuticle compared to other more desiccation-tolerant cockroaches, which means they are vulnerable to body water loss through evaporation at the surface of their cuticle. It feeds on a variety of organic matters, such as fruits, tree saps, leftover food particles and decaying organic matters. Therefore, they can thrive well in man-made structures, where warm and humid conditions promote their growth and human and animal waste products are plentiful, such as garbage collection sites, and drainage and sewer systems. These areas also are breeding ground for pathogenic organisms.

Cockroaches from these outdoor reservoir populations will go indoors and source indoor local infestations. Consequently, they act as a carrier of disease pathogens and pose a potential health threat if they contaminate foods and food preparation areas. Various pathogenic organisms have been isolated from field collected American cockroaches, such as bacteria, fungi, viruses, protozoa and helminthes. Besides, cockroach infestations also have been found to be associated with increase risk of household allergy and asthma. For American cockroaches, seven allergens have been identified and characterized. In indoor environments, American cockroach infestation will leave a characteristic odor and damage materials (clothes, documents, storage bags, etc.) with their fecal stains and biting marks. Thus, it is a insect pest of medical and economic importance.

Eggs of the American cockroach are enclosed inside a bean-shaped egg case called ootheca, which prevents eggs from water loss and microbial invasion. Each ootheca contains an average of 16 eggs. Nymphs will hatch out from the ootheca after 30-45 days of incubation period and undergo 7-13 molts in 150 days before they reach adult



A comprehensive research by
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Figure 1:

An adult male *P. americana*.



Figure 2: A female *E. Appendigaster* probes an ootheca using her ovipositor.

stage. Adult cockroaches are 2.8-4.4 cm in length and shiny reddish brown to dark brown in color. They have wings and a yellow-color strip on the edge of their pronotum (a shield-like structure just behind head). Nymphs are wingless and uniformly brown in color. Adult females produce an average of 1-2 ootheca every week during their life-span of approximately one year. Female cockroaches lay their oothecae in hidden locations and commonly cover them with a substrate glued using their saliva. Oothecae often escape from insecticide treatment.

Interestingly, there are two parasitic wasps of American cockroach oothecae, namely *Evania appendigaster* (Figure 2) and *Aprostocetus hagenowii* (Figure 3). These wasps actively search for oothecae and lay their eggs inside them. Larvae of these wasps eat all the cockroach eggs before they chew an exist hole on the surface of ootheca to emerge as free living adult wasps after approximately 35-45 days of development. Appearance of these wasps inside structures may indicate the occurrence of American cockroach infestation.

Among the cockroach control methods, application of insecticide remains the most reliable ones. Insecticides can be delivered in several ways; residual spraying, baiting, thermal fogging, misting and ULV. Insecticide sprayed on a substrate can be remained effective for a period of time. Cockroaches will suffer intoxication if they pick up a lethal amount of toxicant either through body contact or ingestion during cleaning their contaminated antennae.

Baiting also is a popular method used in combating cockroaches. Cockroach baits are consisted of attractive and palatable food mixed with a toxicant. Cockroaches are attracted to the baits and poisoned by eating the insecticide. Baits also have secondary transfer effect when healthy group members eat the dead bodies (necrophagy), feces (coprophagy) and vomitus (emetophagy) of bait-contaminated individuals.

To maximize the efficacy of residual sprays and baits, it is important to maintain satisfactory sanitation because cockroaches will forage more frequently when they are deprived of food and water. This will increase their chances of getting contact with insecticide treatment. Thermal fogging is suitable to be used to treat American cockroach infestations in sewer systems and bin-chutes while misting and ULV are commonly used in commercial kitchens, restaurants, warehouses, etc. Before implementation of any control measure, cockroach infestation sites should be first identified.

Sticky traps are useful in determining the location and level of cockroach infestation. Based on trap catches, insecticides can be applied precisely on infestation sites to achieve maximum effect without over-usage. Studies have shown that many areas in cockroach control programs were unnecessarily treated with insecticides. By monitoring cockroach trap catches before and after treatment, efficacy of the control measure can be assessed and further action can be taken based on trap catch results.



Figure 3. A female *A. hagenowii* (top) probes an ootheca with her tip of abdomen while another one (bottom) examines it using her antennae.



INTRODUCTION OF TERMITE BIOLOGY & MANAGEMENT

22 NOVEMBER 2014, 9.00 PAGI – 4.30 PETANG
DEWAN KULIAH U, UNIVERSITI SAINS MALAYSIA

HONORABLE SPEAKERS:



DR. ABDUL HAFIZ
AB MAJID
Program Leader
Senior Lecturer
USM



PROF. ABU
HASSAN AHMAD
Professor of
Entomology
USM



MR. SHAHREM
MD. RAMLI
Business Manager
Ensystem
(M) Sdn. Bhd.



Mr. Wan Ahmad
Syahir Wan Umar
Research Assistance
USM

Anai-anai merupakan makhluk perosak yang menjadikan bahan berkayu sebagai sumber makanan utama. Walaubagaimanapun, tidak semua anai-anai diklasifikasikan sebagai makhluk perosak kerana terdapat spesies anai-anai yang penting dalam menjaga keseimbangan alam sekitar. Justeru itu, seminar ini diadakan untuk berkongsi dengan para peserta yang terdiri daripada pelajar, golongan awam, kakitangan kerajaan dan pegawai makhluk perosak mengenai biologi asas anai-anai dan cara-cara yang terdapat di pasaran untuk mengawal serangan anai-anai. Seminar ini juga bermatlamat untuk menjadi jambatan penghubung antara ahli-ahli akademik dan industri untuk bekerjasama dalam mencipta sesuatu yang baru yang berkaitan dengan kawalan anai-anai. Penemuan yang baru berkenaan anai-anai oleh ahli-ahli akademik hanya dapat diterjemahkan sekiranya terdapat usaha sama dengan pihak industri supaya kajian tersebut dapat diguna pakai oleh orang ramai. Segala perkongsian maklumat disalurkan melalui ceramah yang disampaikan oleh penyampai-penyampai yang mempunyai kepakaran dalam topic yang diberikan.

OBJEKTIF

Terdapat beberapa objektif yang ingin dicapai dari program ini iaitu

- Membincangkan perkara asas mengenai biologi anai anai dan cara-cara kawalan anai-anai
- Merapatkan jurang antara ahli akademik dan ahli industri
- Memberi peluang kepada para pelajar khususnya daripada jurusan Vektor dan Parasit untuk mengenali bidang pekerjaan mereka pada masa hadapan.

TOPIK

“Tajuk-tajuk yang dibincangkan **Termite Biology and Behaviour**” oleh Dr. Abdul Hafiz Abdul Majid. Topik ini membincangkan dengan lebih terperinci tentang anai-anai iaitu kitaran hidup, pemakanan, habitat, komunikasi dalam koloni, struktur busut anai-anai dan jenis-jenis tanah, kesan faktor sekitar terhadap koloni anai-anai serta kerosakan yang disebabkan oleh anai-anai.

“**Preventing Termite Damage**” oleh Prof Abu Hassan Ahmad. Topik ini membincangkan tentang cara-cara untuk mengelakkan kerosakan yang disebabkan oleh anai-anai. Selain itu, cara mengenalpasti serangan anai-anai dalam struktur sesebuah bangunan khususnya juga turut diutarakan.

“**Inspecting Your Home**” oleh Encik Wan Ahmad Syahir bin Wan Umar. Topik ini membincangkan tentang cara untuk memeriksa serangan anai-anai, kerosakan dan tanda-tanda serangan anai-anai mengikut jenis atau spesies anai-anai, tempat yang sering kali diserang anai-anai serta alat-alat yang boleh digunakan untuk mengesan anai-anai.

“**Understanding Treatments**” oleh “**Termite Biology and Behaviour**” oleh Dr. Abdul Hafiz Abdul Majid. Topik ini membincangkan dengan lebih terperinci tentang anai-anai iaitu kitaran hidup, pemakanan, habitat, komunikasi dalam koloni, struktur busut anai-anai dan jenis-jenis tanah, kesan faktor sekitar terhadap koloni anai-anai serta kerosakan yang disebabkan oleh anai-anai.



“**Understand the Termiticide Label**” oleh Encik Shahrem Md Ramli. Topik ini membincangkan tentang racun anai- anai yang telah diguna pakai pada masa yang lalu, sekarang dan pendekatan mesra alam yang akan digunakan pada masa akan datang. Selain dari itu, jenis-jenis racun anai-anai yang selamat dan berdaftar juga turut dikongsikan. Kepentingan membaca dan mengetahui maklumat yang tertera di label-label racun juga diketengahkan sebagai panduan penggunaan racun yang lebih selamat.

“**Termite Economics**” oleh Encik Shahrem Md Ramli. Kesan anai-anai terhadap ekonomi juga turut dibincang dari segi kebaikan dan keburukan anai-anai. Malah, langkah-langkah pembinaan yang digunakan untuk mengelakkan serangan anai-anai turut diketengahkan dari segi manipulasi struktur bangunan, kayu-kayan dan penggunaan perangkap anai-anai. Kos penyelenggaraan dan rawatan anai-anai turut menjadi topik hangat yang diperbincangkan.

Kesimpulan

Kesimpulannya, semua objektif program berjaya dicapai. Majlis berjaya dijalankan dengan lancar tanpa sebarang masalah yang serius dan dapat mengganggu perjalanan majlis. Namun begitu beberapa penambahbaikan perlulah diberikan perhatian di dalam program yang bakal diadakan kelak. Diharap majlis seperti ini dapat dilaksanakan lagi pada masa akan datang untuk membincangkan lebih lanjut isu-isu yang berkaitan dengan kawalan anai-anai serta mendapat lebih banyak sokongan dan penyertaan dari badan kerajaan, industri, wakil-wakil akademik serta pelajar-pelajar ke arah menjamin masa depan yang lestari.



Jawatankuasa pengola yang diketuai oleh Dr. Abdul Hafiz Ab Majid (tengah) dan pelajar siswazah entomologi dan pelajar tahun akhir dari Makmal Entomologi Isirumah, Struktur & Bandar, Pusat Pengajian Sains Kaji Hayat,Universiti Sains Malaysia

PAL/APAL Examination Training

About 36 participants attended the training conducted on April 15, 2015 in PCAM new office. The trainers for the course are Saipol Bahari (Agrofog), Shahrem Md Ramli (Ensystem) and Nor Hisham Badri (Envirocon).



PCAM OFFICE RELOCATION

STRONG BASE FOR A BRIGHT FUTURE

We are excited to announce that our Association has moved to a new location in Pandan Perdana, Cheras. We spent more than ten years in a building about a kilometre away from our new location -- our old office served us well, and we made great memories there, but we couldn't be more excited about our new space.

The new office is actually nearer to the main road and much easier to find parking space. Above is picture taken by Diana that shows the office with a our new signboard. We're excited about the hustle and bustle happening outside our windows and all of the great restaurants within an easy walking distance of the new location.

While we were happy with our space, there were several motivating factors to make a move:

Space. The new office offered more square footage, but more importantly it comes with a great layout. We do not need to start from scratch by knocking down walls but moved in as what it is. Overall, we now have more of an open plan so we're all working closer together rather than a more compartmentalized layout at our last place.

Visibility. In our last office, we were on the second floor of a building surrounded by a dozen other firms. While we really liked our neighbours, we lived a pretty anonymous existence. There was no way for anyone in the community outside of that building know we existed, and we're hoping our new location will help bolster our visibility in the area and help us more quickly come to mind as an association representing pest control operators.

Location. What a difference a kilometre makes. Our last office was within immediate walking distance of one restaurants and two coffeeshops. The new office puts us within easy walking of more than a dozen great restaurants, coffee shops and a mall. The location lets our team take advantage of all the offerings of Pandan Perdana.

It has been an exciting 20 years for PCAM, and we look at this new location as the start of another chapter in our history. We're still working on getting settled in and adding posters and pictures to the walls, but we're incredibly excited to be in the new space.

Thanks for everyone's support through the years and with the move. Also, we want to give a special shout out to our staff, Diana and Ida, who did a phenomenal job quickly packing and moving out to new office and making it look great.



Another chapter of PCAM History



Ready for more oppotunities



Map to PCAM new office

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FAOPMA 2015 Road Show in Thailand

Thailand Pest Management Association (TPMA) recently held their 2005 AGM at the Chao Phraya Park Hotel, Rachada Pisek Road, Bangkok, on March 24th, 2015. PCAM was truly honored to be invited to promote the FAOPMA 2015 event to be held in Penang. It was a very fruitful trip to interact among 135 Thai delegates who promised to send a huge contingent for the FAOPMA 2015.

PCAM was represented by Mr. Johnny Ooi (President) and Mr. Selvarajan (Exco Member) and the road show to Bangkok was another opportunity to provide an update of the FAOPMA 2015 event and we are honored and happy



to have been part of TPMA's effort to promote the FAOPMA 2015 to the Pest management Industry in Thailand.

President Niran of TPMA also hosted a welcome dinner in honor of PCAM President Johnny and Mr. Selvarajan who can testify that "We both had a great time and we really enjoyed ourselves. The meal was scrumptious".



FAOPMA 2015 Road Show in China

China Pest Control Association (CPCA) extended an invitation to PCAM to promote the FAOPMA 2015 event at their Annual Conference held at Tianjin on April 10th, 2015. PCAM was represented by Mr. Lee Kong (Asst. Hon Secretary) and FAOPMA Associate Member, Mr. Fred Lim. The road show to Tianjin was another opportunity to provide an update of the FAOPMA 2015 event and we are honored by this invitation. President of CPCA also hosted a welcome lunch in honor of delegates from Malaysia, Singapore, South Korea and Israel.



FAOPMA 2015 Road Show in Philippines

President Johnny Ooi, representing PCAM, is honored and happy to have been part of PFPMOA's effort to promote FAOPMA 2015 to the Pest management Industry in Philippines. The event was the 3rd National Convention organized by PFPMOA with the Theme "Committed to Face the 2015 ASEAN Free Trade Zone area (AFTA) Challenge" on December 3-5, 2014 at the Splendido Taal Golf & Country Club, Laurel, Batangas City.

President Johnny made this special trip to extend his personal appreciation for the tremendous support given to PCAM by the Philippines delegates to the recent Pest Summit 2014 by sending over 100 participants. It was a short but sweet interaction among 200+ delegates from the North to the South of the country to hear what PCAM can offer for the coming FAOPMA event to be held in Penang in September 2-3, 2015



Selamat Menyambut Ramadan Al-Mubarak



FROM ALL OF US AT
PEST CONTROL ASSOCIATION MALAYSIA



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Publication: Quarterly issue
Color : 4 Color
Half Page : RM 600
Front inside : RM 1,500
Back cover : RM 1,800
Insertion (5cm) : RM 500

Paper Size : A4
Copies : 500 pcs
Full Page : RM 1,000
Back inside : RM 1,500
Front Page : RM 1,200

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Publisher: PCAM
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Design and layout by:

