

## **Trip Report**

**Traveler's Name :** Mai Van Tri (Mr), Deputy Director of Southern Horticultural Institute, member of the Project Fruit Crops  
**Country Visited:** USA  
**Dates of Travel:** July 5- 9, 2016  
**Purpose of Trip:** Attending the IPM IL Joint Meeting of the Technical Advisory Committee and Project PIs at the Inn at Virginia Tech  
**Site Visited:** The Inn at Virginia Tech 901 Prices Fork Road Blacksburg, VA 2406

**Description of Activities:** I left Vietnam at 5.35 am Tuesday 07/5/2016, arrived Hong Kong at 9.10 am. Left Hong Kong at 11.40 and arrived Chicago /O'Hare at 2.00pm at the same day. Left Chicago at 8.50 pm, arrived Roanoke, VA at 11.45 pm in the same day Tues 07/5/2016. I was picked up at the airport and reached the Inn at Virginia Tech at 1.00 am. Stayed at the Inn for three nights from July 5 2016 to July 7, 2016. Moved to the Garden Hilton for the night of July 8 2016. I left Roanoke, VA at 6.00am July 9 to O'Hare, Chicago at 6.50, left Chicago to Narita Japan at 3.25 pm, left Narita Tokyo to HCM city Vietnam at 10.45 pm July 9, 2016 and at home 3 hours later.

July 7, 2016. **Meeting the IPM IL Joint Meeting of the Technical Advisory Committee and Project PIs** at the Inn at Virginia Tech

Venue: The Drill field Room, the Inn at Virginia Tech

Present: Dr. R. Muniappan, Dr. Amer Fayad, Ms. Stephanie Parker, Ms. Zara Shortt, Dr. Karl Markgraf, Dr. John Bowman, Dr. Brady Deaton, Dr. R. Srinivasan, Dr. Rosemary Blieszner, Dr. Ajay Jha, Dr. George Norton, Dr. Buyung Hadi, Dr. Wondi Mersie, Dr. Tadele Tefera, Dr. Short Heinrichs, Dr. John Cardina, Dr. Abhijin Adiga, Ms. Mandy Wilson, and Tri MV.

### **Meeting on July 7, 2016**

**8:00-8:30am: Arrival and registration**

**8:30-9:00am Welcome and introduction:** Dr. R. Muniappan: Dr. Muniappan welcomed everyone to the meeting and introduced all attendees.

**9:00-9:15am: Welcome address** given by Associate Vice President Dr. Karl Markgraf.

**9:15-9:30am: Update on Feed the Future** – Dr. John Bowman

He had a review on all of the USAID funded project in agriculture around the world: the success, outcome, ongoing and new funding.

**9:30-9:45am: BIFAD update** –Dr. Brady Deaton

**9:45-10:15am: Beyond Boundaries: Envisioning Virginia Tech in 2037** –Dr. Rosemary Blieszner

**10:45-11:30am: IPM Innovation Lab: Past, Present, and Future - R. Muniappan**

Dr. Muniappan gave an overview of the IPM Innovation Lab. He mentioned the last phases of the IPM project and the seven participating countries of the current phase including Ethiopia, Kenya, Tanzania, Nepal, Bangladesh, Cambodia and Vietnam. There are eight major projects in the current phase: Vegetable Crops IPM in East Africa; Rice, Maize and Chickpea IPM for East Africa; Vegetable Crops and Mango IPM in Asia; Biodiversity and Climate Change; Modelling of invasive species in Africa; Asia and Central America; Rice IPM for Cambodia; and IPM for Exportable Fruit Crops in Vietnam. He also mentioned about the meeting with agricultural officer in both the northern and the southern regions of Vietnam before establishing the major target crops for this project. Examples of IPM packages for vegetables and tomato were illustrated. Application of coconut pith, beneficial fungus *Trichoderma*, grafting, pheromones, NPVs, neem products and *Bacillus* sp. in Bangladesh, Indonesia, India, Nepal, Uganda, Honduras and Kenya. Finally, he provided a summary of IPM IL impact assessment in different countries

**11:30am-12:00pm: Objectives of the meeting** –Dr. Amer Fayad

**1:00-1:30pm: Vegetable Crops and Mango IPM in Asia** –Dr. George Norton introduced the IPM project on vegetables in three countries: Nepal, Bangladesh, and Cambodia as well as mango in Bangladesh. He also updated the progress as well as the co-operating network of this project. Up to now, the baselines of vegetables and mango production have been done in these three countries. Both short-term and long-term trainings have been operated and will be continued. This project also has several challenges such as difficulty with many collaborators and political differences. Both short and long term future plans were also presented.

**1:30-2:00pm: Modeling for Climate Change and Biodiversity** – Dr. Ajay Jha He first introduced Nepal conditions. The purpose of this project is to assess the effect of climate change and modeling climate change based on data from weather stations in the central of Nepal. This project also transfers IPM technologies for farmers and trains agricultural officers for higher education.

**2:00-2:30pm: IPM for Exportable Fruit Crops in Vietnam** – Mr. Tri Mai I presented the overall of the IPM project on main fruit crops in Vietnam. The objective of the project is strengthening the productions of mango, longan, dragon fruit, and lychee. There are total 13 collaborators and 10 project sites (provinces)

in this project. I also mentioned the current challenges of Vietnamese fruit production as well as the progress of the IPM project. I also presented the IPM package for each target fruit and for each production area. In addition, we have been conducting researches and have developed new, bio-rational IPM technologies, particularly bio-control products. Finally, I also give the plan for the future such as continuing to adapt and implement IPM packages that are going to be extended at large scale (more than 10 ha), research and develop new IPM technologies and then transfer these techniques to farmers.

**2:30-3:00pm: Ecologically-based Participatory Packages for Rice in Cambodia – Dr. Buyung Hadi.**

**3:15-3:45pm: Biological Control of the Invasive Weed *Parthenium hysterophorus* in East Africa –Dr. Wondi Mersie**

**3:45-4:15pm: Rice, Maize, and Chickpea IPM for East Africa – Dr. Tadele Tefera**

**4:15-5:00pm: Wrap-up of the first day –Dr. Short Heinrichs**

**6:30-9:00pm: Reception at the University Club**

**July 8, 2016:**

***Chair: Dr. Short Heinrichs***

**8:00am: Morning arrival, coffee and breakfast**

**8:30-9:00am: Vegetable Crops IPM in East Africa – Dr. John Cardina**

He mentioned the pest challenge in vegetable production in Africa and the current pest management. Then, he presented the objective of the Vegetable IPM-IL, which is building and implementing effective IPM research and technology extension for tomato, onion, cabbage, chilies, beans and African eggplant in Ethiopia, Kenya, and Tanzania. He also declared the major pests on these crops and the approaches to practice IPM well as the outcomes of the project. Finally, he presented the progress to date, ongoing and future activities.

**9:00-9:45am: Invasive Species Modeling for South American Tomato Leafminer and Groundnut Leafminer – Dr. Abhijin Adiga**

**9:45-10:15am: Portal Presentation – Dr. Mandy Wilson** introduced IPM IL portal and the way the portal work. In addition, she also mentioned the requirements and due dates to submit travel request, travel report, semi-annual, and annual reports, activity plans to the IPM IL portal

- The Technical Advisory Committee meeting at Duck Pond Room
- Project PIs (Project Coordinating Committee) meeting at the Drillfield Room

11:30am-12:00pm: Joint Meeting at The Drillfield Room

*Chair: Dr. R. Muniappan*

1:00-2:00pm: Administrative Information – Dr. R. Muniappan, Dr. Amer Fayad, Ms. Zara Shortt, Ms. Stephanie Parker

2:00-2:30pm: AOR Remarks – Dr. John Bowman

2:30-2:45pm: Coffee break

2:45-3:15pm: General discussion

3:15-4:00pm: Closing remarks

**+ Comments and Recommendations:**

The IPM IL Joint Meeting of the Technical Advisory Committee and Project PIs at the Inn at Virginia Tech was very informative and extremely useful to help PIs clarify various concerns regarding their activities in future. The meeting was also extremely organized and well-prepared.

**+ List of Contacts Made:**

Name	Title/Organization	Contact Info (address, phone, email)
Dr. Abhijin Adiga	Research Assistant Professor, the Network Dynamics and Simulation Science Laboratory (NDSSL), Biocomplexity Institute of Virginia Tech	Phone: (540) 231-1377 Email: <a href="mailto:abhijin@vbi.vt.edu">abhijin@vbi.vt.edu</a>
Dr. Ajay Jha	Director at Institute for Global Agriculture & Technology Transfer	Office:113B, Shepardson Phone: (970) 491-0923 Email: <a href="mailto:ajayjha@colostate.edu">ajayjha@colostate.edu</a>
Dr. Amer Fayad	Associate Program Director, IPM Innovation Lab Virginia Tech	Phone: (540) 231-966 Email: <a href="mailto:afayad@vt.edu">afayad@vt.edu</a>
Dr. Brady J. Deaton	BIFAD Chair & University Appointee	

Dr. Buyung Hadi	Entomologist International Rice Research Institute Principal Investigator, Rice IPM for Cambodia	Phone: (+63) 2-5805600 Email: <a href="mailto:b.hadi@irri.org">b.hadi@irri.org</a> .
Dr. Dely P. Gapasin	Agricultural & Rural Development Specialist (Research & Extension Management)	
Dr. E.A. "Short" Heinrichs	Asia Program Manager The Asia Program Manager of the IPM Innovation Lab.	Phone: (402) 472-6011 Email: <a href="mailto:ehinrichs2@unl.edu">ehinrichs2@unl.edu</a>
Dr. Glen L. Hartman	Research Plant Pathologist & Professor, USDA-ARS & Dep. of Crop Sciences, National Soybean Research Center, University of Illinois	Room 70 NSRC 1101 East Peabody Urbana, IL, 61801-0000 Phone: (217) 244-3258 Email: <a href="mailto:Glen.Hartman@ars.usda.gov">Glen.Hartman@ars.usda.gov</a> .
Dr. John Bowman	Senior International Affairs Specialist, USAID Bureau for Food Security	
Dr. John Cardina	Professor Department of Horticulture and Crop Science PI Vegetable Crops IPM for East Africa	The Ohio State University 110 Williams Hall 1680 Madison Ave. Wooster, OH 44691 Phone:(330) 263-3644 Email: <a href="mailto:cardina.2@osu.edu">cardina.2@osu.edu</a> .
Dr. Karl Markgraf,	Associate Vice President for International Affairs	Phone: (540) 231-7888 E- mail: <a href="mailto:markgraf@vt.edu">markgraf@vt.edu</a>
Dr. Lawrence Datnoff	Professor and Head Department of Plant Pathology & Crop Physiology, Louisiana State University	306 Life Sciences, Baton Rouge, LA 70803 Phone: (225) 578-1464 Email: <a href="mailto:LDatnoff@agcenter.lsu.edu">LDatnoff@agcenter.lsu.edu</a>
Dr. Muni Muniappan	Director, IPM Innovation Lab Virginia Tech	Phone: (540) 231-3516 Email: <a href="mailto:rmuni@vt.edu">rmuni@vt.edu</a>

Dr. R. Srinivasan	Entomologist and Head of Entomology Group, AVRDC – The World Vegetable Center	Shanhua, Tainan 74151, Taiwan, Republic of China Phone:+886- 6 – 583-7801 Extn.426 (O) E-mail: <a href="mailto:srini.ramasamy@worldveg.org">srini.ramasamy@worldveg.org</a>
Dr. Rosemary Blieszner	Alumni Distinguished Professor, Human Development, Virginia Tech	Email: <a href="mailto:rmb@vt.edu">rmb@vt.edu</a> .
Dr. Wondi Mersie	Principal Investigator, Biological Control of the Invasive Weed Parthenium hysterophorus in East Africa Virginia State University	Phone: (804) 524-5631 Email: <a href="mailto:wmersie@vsu.edu">wmersie@vsu.edu</a>
Ms. Stephanie Parker	Communications Coordinator, IPM Innovation Lab Virginia Tech	Phone: (540) 231-1587 Email: <a href="mailto:sparker1@vt.edu">sparker1@vt.edu</a>
Ms. Zara Shortt	Financial Coordinator, OIRED. Virginia Tech	Phone: (540) 231-3513 Email: <a href="mailto:shorttz@vt.edu">shorttz@vt.edu</a>