

IPM Innovation Lab Trip Report

Country(s) Visited: Cambodia

Dates of Travel: May 25 to June 1, 2018

Travelers' Names and Affiliations: Wondi Mersie, Virginia State University (VSU)

Purpose of Trip: to make a presentation about the progress of the Parthenium Project and to participate in the IPM Innovation Lab Joint Meeting of the Technical Advisory Committee and Program Coordinating Committee

Specific objectives of the trip were to:

- (i) To make a presentation about the progress of the Parthenium Project at the IPM Innovation Lab joint Technical Advisory Committee and Program Coordinating Committee
- (ii) To participate in the IPM IL Program Coordinating Committee meeting;

Sites Visited: Thom Village (Prey Veng province), CE SAIN tech-park at Royal University of Agriculture, Phnom Penh

Description of Activities/Observations:

Itinerary:

May 25: Flew from Richmond airport to Phnom Penh, Cambodia via Atlanta and Seoul, South Korea.

May 26: Checked in Dara Airport Hotel at 11:30 pm.

May 27: Stayed in Dara Hotel, Phnom Penh

May 28: The IPM Innovation Lab Joint Meeting of the Technical Advisory Committee and Program Coordinating Committee meeting started at 9:00 am with welcome and introduction by Dr. R. Muniappan Director of IPM IL. Presentations were made by all principal investigators of the IPM IL projects. Two of the presentations; Invasive Species Modeling for South American

Tomato Leafminer and Groundnut Leafminer and Modeling for Climate Change and Biodiversity were delivered via Skype/Zoom. There were extensive interactions between individual presentors and TAC members as well Dr. John Bowman. The day's program ended at 5:00 pm and the group had dinner together in Phnom Penh city center.

May 29: The meeting continued as shown on Table 1. The morning session started with a general discussion with the whole group about the previous day's presentations followed by separate committee meetings of the Technical Advisory Committee (TAC) and Program Coordinating Committee (PCC). Later in the morning, the chairs of the two committees reported the deliberations of their respective groups. The day's meeting ended following remarks by Dr. John Bowman, AOR, Dr. Van Crowder and Dr. R. Muniappan. Dr. Bowman explained the options for the next phase IPM IL projects. Some possible features of the next phase include youth involvement, closer working relationships with value chain projects and incorporating a plant disease diagnosis work in the project.

May 30: The whole day was devoted to visits to Prey Veng and Royal Agricultural University (RUA). The first stop was Thom Village (Prey Veng province) where the group saw IMP practices on a rice paddy. The group also interacted with the farmers and extension agent who were assembled at the village. After lunch, the group traveled to RUA to visit at vegetable IPM project's demo at CE SAIN tech-park at RUA. The group traveled back to Dar Hotel after the conclusion of the visit at RUA.

May 31: Flew back to U.S. in the evening.

June 1: Arrived back in U.S.

Table 1. IPM Innovation Lab Joint Meeting of the Technical Advisory Committee and Program Coordinating Committee Venue: Dara Airport Hotel, Phnom Penh, Cambodia, May 28-29 Venue: Field trip to RUA and Prey Veang, May 30

| Day and Time | Activity | Responsible People |
|------------------------------|---|---|
| Day 1: Monday, May 28 | | |
| 8.30 – 9.00 am | Registration | |
| 9.00 – 9.30 am | Welcome, introduction, and review of the year | R. Muniappan, IPM IL |
| 9.30 – 10.00 am | Project presentation: Invasive Species Modeling for South | Abhijin Adiga, Biocomplexity Institute (Skype/Zoom) |

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| | American Tomato Leafminer and Groundnut Leafminer | |
| 10.00 – 10.30 am | Project presentation: Modeling for Climate Change and Biodiversity | Pramod Jha, Tribhuvan University, Nepal Madhav Marathe, Biocomplexity Institute (Skype/Zoom) |
| 10:30 – 11:15 am | Tea/coffee break and group photo | |
| 11.15 – 11.30 am | Welcome and AOR remarks | John Bowman, USAID |
| 11.30 – 11.45 am | Welcoming Remarks from the Cambodia Mission | Sang Lee, Cambodia Mission |
| 11.45 – 12.00 pm | Virginia Tech and the IPM Innovation Lab | Van Crowder, Virginia Tech |
| 12.00 – 1.00 pm | Lunch | |
| 1.00 – 1.30 pm | Administrative Information | R. Muniappan, Amer Fayad, Sara Hendery |
| 1.30 – 2.00 pm | Project presentation: Rice, Maize, and Chickpea IPM for East Africa | Tadele Tefera, <i>icipe</i> |
| 2.00 – 2.30 pm | Project presentation: Vegetable Crops IPM in East Africa | John Cardina, OSU |
| 2.30 – 3.00 pm | Project presentation: Biological Control of the Invasive Weed <i>Parthenium hysterophorus</i> in East Africa | Wondi Mersie, VSU |
| 3.00 – 3.30 pm | Project presentation: Vegetable Crops and Mango IPM in Asia | George Norton, Virginia Tech |
| 3.30 – 4.00 pm | Coffee/tea break | |
| 4.00 – 4.30 pm | Project presentation: Ecologically-based Participatory Packages for Rice in Cambodia | Buyung Hadi, IRRI |
| 4.30 – 5.00 pm | Project presentation: IPM for Exportable Fruit Crops in Vietnam | Nguyen Van Hoa, SOFRI |
| 7.00 pm | Group Dinner | |
| Day 2: Tuesday, May 29 | | |
| 8.15 am | Arrival | |
| 8:30-9:30 | General discussion about yesterday's presentations | |

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| 9.30 – 12.00 pm | Separate for committee meetings: - Technical Advisory Committee (TAC) - Program Coordinating Committee (PCC) | TAC: Lawrence Datnoff PCC: George Norton |
| 12.00 – 1.00 pm | Lunch on the way | |
| 1.00 – 1.30 pm | TAC meeting review | Lawrence Datnoff |
| 1.30 – 2.00 pm | PCC meeting review | George Norton |
| 2.00 – 3.00 pm | General Discussion | |
| 3.00 – 3.30 pm | Coffee Break | |
| 3.30 – 4.30 pm | AOR's Remarks | John Bowman |
| 4.30 – 5.00 pm | Closing Remarks | Van Crowder/R. Muniappan |
| Day 3: Wednesday, May 30 | | |
| Full day | Visit Royal Agricultural University and Prey Veng | Kimhian Seng, iDE Buyung Hadi, IRRI |
| 6.30-9.30am | Travel from Dara Airport Hotel to Thom Village (Prey Veng province) | |
| 9.30-10.30am | Visit EPIC Demonstration sites at Thom Village, interact with farmers/partners | IRRI (EPIC) will take charge |
| 10.30-11.30am | Travel to Prey Veng town | |
| 11.30-1.30pm | Lunch at Prey Veng Town | |
| 1.30-3.30pm | Travel to RUA | |
| 3.30-4.30pm | Visit at Vegetable IPM project's demo at CE SAIN tech park at RUA | IDE will take charge |
| 4.30-5.30pm | Travel to Dara Airport Hotel | |

Table 2. Attendees of IPM Innovation Lab Joint Meeting of the Technical Advisory Committee and Program Coordinating Committee meeting at Dara Airport Hotel, Phnom Penh, Cambodia.

| | Names | Position | Organization | Email |
|----|------------------------|--|---|--|
| Dr | Mersie Wondimagegnehu | Associate Dean and Director of Research | Virginia State University | WMersie@vsu.edu |
| Dr | Norton George | Professor | Agricultural Applied Econ. Virginia Tech | gnorton@vt.edu |
| Dr | Fayad, Amer | IPM IL Associate Director | CIREC, Virginia Tech | afayad@vt.edu |
| Dr | Lawrence Datnoff | Professor and Head | Dept. of Plant Path. & Crop Phys. LSU | ldatnoff@gmail.com |
| Dr | Muniappan, Rangaswamy | IPM IL Director | OIRED, Virginia Tech | rmuni@vt.edu |
| Dr | Dely Gapasin | Agri. & Rural Development Specialist | N/A | dely@delygapasin.com |
| Dr | Pramod Kumar Jha | Prof. Emeritus (TU) Nepal Academy of Science & Tech. | Cent. Depart. of Botany, Tribhuvan University | pkjhaprof@gmail.com |
| Dr | Hartman Glen | Research Plant Pathologist & Professor | USDA-ARS & Dep. of Crop Sci. | Glen.Hartman@ARS.USDA.GOV |
| Dr | Schreinemachers Pepijn | Lead Scientist – Impact Evaluation | World Vegetable Center | pepijn.schreinemachers@worldveg.org |
| Dr | Hendery Sara | Communications Coordinator | CIREC, Virginia Tech | saraeh91@vt.edu |
| Dr | Cardina John | Professor | Dep. of Hort. & Crop Sci. Ohio State Univ. | cardina.2@osu.edu |
| Dr | Tadele Tefara | Country Head, Ethiopia | The Inter. Cent. Insect Phys. & Ecol. (icipe) | ttefera@icipe.org |
| Dr | John Bowman | AOR | USAID | jobowman@usaid.gov |
| Dr | NGUYEN VAN HOA | Director General | South. Hort. Res. Inst. (SOFRI) | hoavn2003@gamil.com |
| Dr | Van Crowder | Director | OIRED, Virginia Tech | vcrowder@vt.edu |