IPM Innovation Lab Trip Report

Country Visited: India

Dates of Travel: 1 – 6 June, 2014

Travelers Names and Affiliations: Sri Hendrastuti Hidayat and Tri Asmira Damayanti, Bogor Agricultural University - Indonesia

Purpose of Trip: To participate in the International Workshop on Seed and Seedling-borne Diseases of Vegetable Crops.

Sites Visited: National Institute of Plant Health Management (NIPHM), Hyderabad, India

Description of Activities/Observations:

Sunday, 1st June: Leave Jakarta at night and arrive at Hyderabad midnight

Monday, 2nd June: Attended Opening Session:
- Welcoming address by Dr. Sathyanarayana, Director of NIPHM;
- Keynote address by Dr. Muni Muniappan, Director of IPM-IL;
- Industry perspective by M. Prabhakar RAO, President of NSAI;
- Special remarks by USAID official, Dr. Srivalli Krishnan;
- Inaugural address by Dr. Korlapati Satyagipal, Director General of NIPHM

Attended Session – I, chaired by Dr. Naidu Rayapati:
- An overview of IPM Innovation Lab and objective of the workshop, by Dr. Muni Muniappan;
- An overview of seed-borne bacterial diseases by Dr. Robert Gilbertson for Dr. Sally Miller;
- An overview of seed-borne fungal diseases by Dr. Barry Jacobsen

Attended Session – II, chaired by Dr. Muni Muniappan:
- An overview of seed-borne virus and virus-like diseases by Dr. Sue Tolin (Description, detection and diagnosis of virus and virus-like agents causing plant disease in vegetables), Dr. Naidu Rayapati (Dissemination and distribution of plant virus), Dr. Robert Gilbertson (Disease development and impact; Management approach).

Tuesday, 3rd June: Attended Session – III, chaired by Dr. Robert Gilbertson:
- Country specific reports on seed-borne virus diseases by Dr. Sri Hendrastuti Hidayat (Indonesia), Dr. Mohammad Rahman (Bangladesh), Dr. Robert Gilbertson (Africa), Dr. Sue Tolin (America);
- Seed health regulation by Dr. Sathyanarayana;
• Roundtable discussion about seed treatment, seed tolerance level, quarantine regulation
• Roundtable discussion on seed-transmitted pathogens of high value vegetable crops, addressed by Dr. Robert Gilbertson for solanaceae, Dr. Sue Tolin for Cucurbitaceae, Dr. Barry Jacobsen for potato, Dr. Naidu Rayapati for malvaceae and Tospovirus

Wednesday, 4th June  
**Attended Session – IV, chaired by Dr. Robert Gilbertson:**

- National germplasm programs by Dr. Sarath babu, Principal scientist at NBPGR;
- Capacity building and other needs by Dr. Sue Tolin
- NIPHM Capacity Building Initiatives by Dr. Sathyanarayana
- Closing remarks by Dr. Korlapati Satyagipal, Director General of NIPHM

Thursday, 5th June  
Tour to visit NIPHM and ICRISAT facilities, but the delegate from Indonesia could not join the program due to flight schedule back to Jakarta

Friday, 6th June  
Leave Hyderabad and arrive in Jakarta in the morning

**List of Contacts Made:**

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<th>Name</th>
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<tr>
<td>Dr. Sathyanarayana</td>
<td>Director of NIPHM, Hyderabad, India</td>
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<td>Dr. Muni Muniappan</td>
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<td>Dr. Barry Jacobsen</td>
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<td>Dr. Sue Tolin</td>
<td>IPVDN coordinator, Virginia Tech University, USA</td>
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<td>Dr. Robert Gilbertson</td>
<td>University of California, Davis, USA</td>
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<td>Dr. Naidu Rayapati</td>
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<td>Dr. Muhammad Rahman</td>
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