



The BuZz

Newsletter of the Integrated Pest Management Collaborative Research Support Program (IPM) CRSP March 2009

Contents:

Director's message..... page 1

The IPM CRSP to receive award in Portlandpage 2

Debbie Francis wins the Virginia Tech President's Award for Excellence page 2

IPM CRSP's Central Asia Program cited in CGIAR King Baudouin Science Award for Outstanding Partnership page 2

IPM CRSP workshop held in the Philippines page 3

PERSUAPs are essential to USAID environmental compliance procedures page 4

The American Association for the Advancement of Science (AAAS) elects De Datta to the rank of AAAS Fellow ... page 4

Collaboration strengthened through short-term training page 5

TraiNet procedures and J-1 Visa requirements have changed page 5

Upcoming conferences page 6

Featured IPM CRSP graduate students page 6

Upcoming short courses page 6

Director's message

Virginia Tech has been administering the Integrated Pest Management Collaborative Research Support Program (IPM CRSP) since its inception in 1993. As we enter the final year of Phase III, we acknowledge that we have made significant achievements during this phase, many of which are addressed in the 2008 Annual Report submitted to USAID. An official copy of the annual report is available on the IPM CRSP website, and a copy on CD will be available to those who attend the 6th International IPM Symposium in Portland, Ore., in March 2009. A copy will also be mailed to IPM CRSP collaborating institutions.

Significant activities in 2008 include USAID's Administrative Management Review (AMR) of the IPM CRSP in February; the IPM CRSP workshop in Manila, Philippines, with more than 80 participants from 20 countries; the technical committee meeting held in association with the IPM CRSP workshop; the board meeting at Virginia Tech in September; publications of final reports of Phases I and II; the compilation of a comprehensive list of IPM CRSP publications comprising more than 2,500 references in a searchable format, the External Evaluation Report; and completion and USAID approval of the Pesticide Evaluation Report and Safe Use Action Plans (PERSUAP) for all IPM CRSP programs.

In 2008, IPM CRSP received two associate awards. One, "Development and promotion of integrated management of mango pests in Senegal," came from the Senegal mission. It provides \$400,000 in funding for two years. A second one comes from EGAT and is titled, "IPM CRSP African food security initiative – quality food production, availability and marketing." It provides \$1 million to address rice, tomato, and maize production in Uganda, Mali, and Senegal.

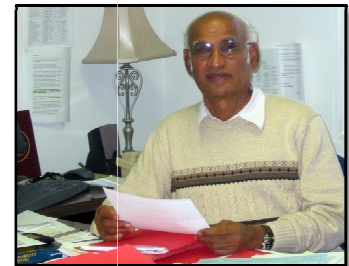
In December 2008, Bob Hedlund, George Norton, and I met with representatives of USAID's Africa Bureau and the Latin America and the Caribbean Bureau to explain ongoing IPM CRSP activities in their regions and to receive their input on activities that they consider important for inclusion in the next phase of the IPM CRSP.

While we have received oral notification that the IPM CRSP will be renewed for another five years, we are still awaiting notification from USAID for the formal renewal that will lead us into Phase IV, beginning in October 2009.

Welcome to our new IPM CRSP newsletter. We hope this will provide you with useful and entertaining news from the many different corners of our programs. In the meantime, I'll look for you in Portland!

Program Director

Muni Muniappan



IPM CRSP Management Entity

The BuZz is a publication of the Integrated Pest Management Collaborative Support Program (IPM CRSP), a USAID-funded organization managed by Virginia Tech.

Muni Muniappan is director of the IPM CRSP.

- Annie Steed Newsletter Coordinator
- Miriam Rich Supervising Editor
- Muni Muniappan IPM CRSP Director
- Larry Vaughan IPM CRSP Associate Director
- Debbie Francis IPM CRSP Assistant Program Coordinator

Please direct submissions to Annie Steed or Miriam Rich; e-mail is preferred at annies08@vt.edu or mrich@vt.edu; mail to IPM CRSP Newsletter, IPM CRSP, International Affairs Offices, 526 Prices Fork Road (0378), Blacksburg, VA, 24061, USA; or fax to (540) 231-6741.

Virginia Tech does not discriminate against employees, students, or applicants on the basis of race, sex, disability, age, veteran status, national origin, religion, political affiliation, or sexual orientation. Anyone having questions concerning discrimination should contact the Office for Equity and Inclusion.



IPM CRSP TC Meeting

The IPM CRSP will hold a TC meeting in conjunction with the IPM Symposium. It will be in the Oregon Room of the Doubletree Hotel in Portland, Ore., on Monday, March 23, from 8 A.M. to 4:30 P.M.

IPM CRSP to receive award in Portland

On March 24, during the 6th International IPM Symposium “Transcending Boundaries,” in Portland, Ore., the IPM CRSP will be awarded the International IPM Symposium Award for its outstanding progress in increasing economic benefits related to IPM adoption, reducing human health risk, and demonstrating minimal adverse environmental effects.



Debbie Francis wins the Virginia Tech President’s Award for Excellence

Debbie Francis, program coordination assistant for the IPM CRSP, received the Virginia Tech President’s Award for Excellence in a ceremony at the President’s Suite at Lane Stadium on March 3.

This prestigious award is presented annually to select employees for extraordinary performance and significant contribution to their departments. In his letter of support, S.K. De Datta, the associate vice president for international affairs and director of OIRED, expressed his pride while recognizing Francis for her outstanding contribution to IPM CRSP and OIRED at Virginia Tech.

“Debbie has single-handedly administered the financial side of a multimillion dollar USAID-funded project in OIRED for 6 ½ years. In this role, she has been a great positive influence on a tremendous number of people both here at Virginia Tech and overseas; she has demonstrated an admirable ability to handle large amounts of information in a complex program; she has displayed a dedication to her job that inspires others; and she does all of this with great respect and professionalism,” he wrote.

Debbie Francis was one of five people selected out of more than 7,000 employees at Virginia Tech. She is the first OIRED employee to receive the award.



S.K. De Datta, Debbie Francis, and the president of Virginia Tech, Charles Steger

IPM CRSP’s Central Asia Program cited in CGIAR King Baudouin Science Award for Outstanding Partnership

In December 2008, the International Center for Agricultural Research in the Dry Areas (ICARDA) awarded the King Baudouin Science Award for Outstanding Partnership to the International Crops Research Institute for the Semi-Arid and Tropics (ICRISAT) for its participation in the Eco-Regional Collaborative Research Program for Sustainable Agricultural Development in Central Asia and the Caucasus, citing the IPM CRSP as a significant contributor.

This biennial award, which was founded by CGIAR in 1981, originated from the King Baudouin Foundation. Established at the behest of King Baudouin of Belgium, the King Baudouin Foundation seeks to increase awareness of the growing need for international cooperation to stimulate agricultural research and development in the developing world for the benefit of ordinary farmers.

The King Baudouin Science Award for Outstanding Partnerships recognizes many collaborators who have contributed to the improvement of livelihood security for farmers across central Asia. Among those collaborators is Karim Maredia from Michigan State University who, by working closely with IPM CRSP projects in Tajikistan, Uzbekistan, and Kyrgyzstan, has developed an excellent partnership between the IPM CRSP program and ICARDA, a member of the CGIAR Project Facilitation Unit. The USAID-funded IPM research has allowed great progress to be made in these Central Asian countries. Researchers have developed programs in landscape ecology to improve biodiversity and biological pest management; they have enhanced product lines in biolaboratories; and they have implemented IPM extension programs.

But as this project shows, IPM CRSP does more than build collaboration between organizations. It also provides farmers with the capacity to improve their livelihood security.

“IPM CRSP is a project which serves as a bridge between scientists and farmers,” said Nazarov Ganijon, an onion farmer from Village Turdi in Tajikistan. “Thanks to the knowledge gained in IPM CRSP farmer field school, I am now not only able to satisfy my family’s demand, but I can also take some part to the market.”



Vegetable growers attend a farmer field school in Central Asia.



From left to right: Salve E. Santiago (plant pathologist, PhilRice), Raol Pamiloza (entomologist, CLSU), Hermie R. Rapusas (entomologist, PhilRice), Aurea C. Roxas (entomologist, CLSU), and Mike Hammig (economist, Clemson University).

“What you all are working on is tomorrow’s solution and the tomorrows after that.”

- **Kristie A. Kenney**
U.S. Ambassador to the Philippines

IPM CRSP workshop held in the Philippines

In May 2008, the IPM CRSP held a workshop in Manila, the capital of the Philippines. The workshop brought together scientists from all over the world to discuss their research and build stronger relationships.

The three-day event included the annual technical Committee (TC) meeting and five different sessions, ending with a field trip to the International Rice Research Institute (IRRI) and the University of the Philippines, Los Baños (UPLB).

During the opening address, the U.S. Ambassador to the Philippines, Kristie A. Kenney, expressed her high regard for the IPM CRSP for its contribution to global food security and the importance of the IPM CRSP project in the Philippines. “What you all are working on is tomorrow’s solution and the tomorrows after that,” she said.

S.K. De Datta, associate vice president for international affairs and director of the Office of International Research, Education, and Development at Virginia Tech and the administrative principal investigator for the IPM CRSP, also spoke at the event, stating that IPM CRSP programs have “had a dramatic impact on farmer livelihoods.” He also mentioned how essential the programs are today in the face of the current global food crisis.

De Datta was presented with two plaques, one from UPLB’s College of Agriculture and the other from the International Rice Research Institute (IRRI) recognizing his contribution to agriculture in the Philippines. During a ceremony on May 20, the chancellor of UPLB, Luis Reyes Velasco, commended him on his contribution to the Green Revolution in Asia in the 1960s.

Excessive rain made the field trip to the agricultural fields at UPLB impractical. However, thanks to Hermie Rapusas of PhilRice, Candida Adalla of UPLB, and Casiana Vera Cruz of IRRI, the field demonstrations were quickly replaced with a tour of UPLB.

The Management Entity of the IPM CRSP is deeply grateful to the dozens of people involved in the planning, organization, and logistics of this workshop. Without their input, support, and tireless work, this international scientific workshop would not have been possible.

*Check out Dr. Yulu Xia’s
 Global IPM Technology Database*

Read all about the papaya mealybug recently found by IPM CRSP scientists in Asia and IPM programs for global agricultural pests.

<http://www.ipmnetwork.net/>



Papaya mealybugs on papaya



Karim Mareida, Kallunde Sibuga, Beverly Gerdeman, and Muni Muniappan.



Our dedicated reception team, including Debbie Francis at the computer.



Marco Arevalo, Zachary Kinyua, and Sally Miller



Amadou Diarra, Isoufu Kolo, Madame Gamby, and Kallunde Sibuga



IPM CRSP workshop



Advancing Regional and Global IPM CRSP
 MAY 19-21, 2008 / MANILA, PHILIPPINES
 George Norton, Maria-Elisa Christie, and Muni Muniappan.

PERSUAPs are essential to USAID environmental compliance procedures

Thanks to hard work and diligence, all Pesticide Evaluation Report and Safe Use Action Plans (PERSUAP) submitted to USAID for approval in 2008 were granted clearance, and research is underway.

Please keep in mind that the IPM CRSP cannot carry out experiments or activities using synthetic pesticides, botanical pesticides, microbial biopesticides, or pheromones used as plant protection products in the course of research or extension activities without authorization from a USAID environment officer. This requirement applies to all USAID projects (Title 22, Code of Federal Regulations, Part 216). Authorization can be acquired through the submission of a Pesticide Evaluation and Safe Use Action Plan (PERSUAP). This report must be submitted as part of an Initial Environmental Examination (IEE). Activities involving importation or release of non-native biocontrol agents (classical biocontrol) must also be approved through the IEE process.

The ME can prepare the PERSUAP. However, specific information pertaining to each pesticide to be tested should be submitted, such as registration status and justification for use. The process can be time-consuming, therefore it is suggested that you consult the ME as soon as you decide you would like to conduct studies using pesticides.

For more information concerning IEEs and PERSUAPs, contact Larry Vaughan at larryjv@vt.edu or see the USAID website: http://www.usaid.gov/our_work/environment/compliance/regulations.html

Attention!

Experiments with pesticides cannot be started until permission is granted by USAID.

The American Association for the Advancement of Science (AAAS) elects De Datta to the rank of AAAS Fellow.

The American Association for the Advancement of Science (AAAS) has elected Administrative PI S.K. De Datta to the rank of AAAS Fellow for his “distinguished contributions to global food security, the Green Revolution and environmental stewardship in a global context.” This honor was presented during the AAAS Fellows Forum in Chicago on Feb. 14.

The AAAS, founded in 1848, has been electing members to the rank of Fellow for more than 134 years for their efforts “on behalf of the advancement of science or its applications [that] are scientifically or socially distinguished.” The ceremony was held as part of the Association’s Annual Meeting, “Our planet and its life: origins and features,” acknowledging the birth of Charles Darwin 200 years ago and the publication of his book *The Origin of Species by Means of Natural Selection* 50 years later.

De Datta is administrative PI for the IPM CRSP and the SANREM CRSP as well as the associate vice president for international affairs and the director of the Office of International Research, Education, and Development (OIRE) at Virginia Tech. In addition to his election to the rank of AAAS Fellow, De Datta is a Fellow of the American Society of Agronomy; the Soil Science Society of America; the Indian Society of Soil Science; the National Academy of Agricultural Sciences in India; and the Crop Science Society of America. He has received many awards during his career, including the Norman Borlaug Award for outstanding contribution to agriculture sciences and the Green Revolution in India; the International Services in Agronomy, Soil Science and Crop Science Award; and a Presidential Citation from the Philippines for his outstanding contributions to agricultural productivity in the Philippines and across Southeast Asia.



S.K. De Datta

A tomato by any other name...

Tomato, a common vegetable crop grown around the world and one that many IPM CRSP projects are working with, has had a scientific name change. In 2006, it was changed from *Lycopersicon esculentum* to *Solanum lycopersicum*.



Tomatoes in India

Collaboration strengthened through short-term training

IPM CRSP and Tamil Nadu Agricultural University in India strengthen collaborations with short-term training courses at Washington State University

S.K. Manoranjitham, an assistant professor with the Department of Fruit Crops at the Horticultural College and Research Institute at Tamil Nadu Agricultural University (TNAU), visited Naidu Rayapati at Washington State University.

Through this five-week short course, Manoranjitham gained hands-on experience in the molecular diagnosis of vegetable viruses.

The short-term training, which was funded by the Indian Council of Agricultural Research for Faculty Capacity-building in Advanced Agricultural Sciences at TNAU, was organized to further strengthen IPM CRSP project collaborations with TNAU on insect-transmitted viruses in vegetables in India.



S.K. Manoranjitham

TraiNet procedures and J-1 visa requirements have changed

Anyone conducting meetings, seminars, workshops, and degree training with IPM CRSP funding must comply with USAID and Homeland Security directives. Some procedures have been changed and should be reviewed.

TraiNet is the Training Results and Information Network, approved by the Office of Management and Budget as the official USAID training database. It is an agency-wide database training management system, jointly supported by EGAT/ED and the Bureau for Management, Office of Information Resources Management, and the Division of Software Development Maintenance. This is the mechanism, along with the Visa Compliance System (VCS), by which training information is tracked and, when applicable, DS-2019 visa request forms are issued, followed by the J-1 visa for host country participants to come to the United States. All sponsoring units and implementers must use this system to enter information related to all training, whether in-country, in a third country, or in the United States. This system must be used for anyone who is being funded, in part or in whole, by USAID monies, even if this funding seems insignificant in the overall picture.

There are now three possible general classifications of location for training: in-country training, third-country training, and United States training. All participants in IPM CRSP training must be registered through TraiNet. In-country training and third-country training do not require a J-1 visa. However, all participants entering the United States for training must apply for and receive a J-1 visa before that training begins. When applying for a J-1 visa, all information for the initial TraiNet entry must be provided at least 90 days before the program start date.

Gender disaggregated data should be collected during *all* training activities.

The following information should be provided for all in-country training:

Group Information: name of the group, number of male participants, number of female participants, country of residence/training

Training Information: type of training, title of program, brief description of program, start and end dates and training provider contact information (including institution, mailing address, phone, fax, and e-mail address)

Funding information: estimated IPM-related costs for:

- Instruction (for example, books, equipment, supplies, registration fees, tuition, and any other fees)
- Trainee costs (for example, per diem, lodging)
- Travel costs (for example, transportation to and from the training site, vehicle rentals, driver payments)

Other funding information: any other sources of funding broken down into the same categories as the estimated IPM-related costs

This information should be submitted at least 15 days before the program start date to either the Management Entity or to another individual authorized and approved to enter TraiNet data (such as your lead PI, or university office, i.e., Ohio State).

Specific instructions regarding third country training and United States training will appear in the next issue of The Buzz.

The Automated Directives System Policy—ADS Series 500—was revised in January. It is available on the USAID website: http://www.usaid.gov/policy/ads/500/index5_1.html

For more information, contact Debbie Francis of the IPM CRSP ME: ipmcrsp@vt.edu

Scientific publications

Any host country student who needs access to scientific publications may seek assistance from the IPM CRSP Management Entity. (See contact information below.)

Muni Muniappan ipm-dir@vt.edu
Annie Steed annies08@vt.edu

Upcoming conferences

Conference Title	Location	Date 2009
The 6 th International IPM Symposium: Transcending Boundaries	Portland, Ore.	March 24-26
Ceres: Achieving a Sustainable Global Economy	San Francisco	April 15-16
International Sustainability Conference: from the local to the global.	Villanova, Pa.	April 23-26
The 7 th New Ag International Conference and Exhibition	Barcelona	March 25-27
The 5 th International Conference on Biopesticides: Stakeholders' Perspectives	New Delhi	April 26-30
The 4 th International Conference on Sustainable Development and Planning	Cyprus	May 13-15
Women in Science Program Promoting Excellence and Diversity in STEM education	Wisconsin Dells, Wisc.	May 14-15
African Organic Conference	Kampala, Uganda	May 19-22
The 10 th International Conference on UN Millennium Development Goals: Challenges and Perspectives	Hungary	June (TBD)
10th World Congress on Parasitic Plants	Kusadasi, Turkey	June 8-12
Global Conference on Global Warming	Istanbul, Turkey	July 5-9
IPBC/WPRS Integrated Control in Protected Crops	Crete, Greece	Sept. 6-11

Upcoming Short Courses

A rice production short course will be held in the Philippines May 18th – June 5 2009. For more information contact Francine Jasper of Cornell University, fj10@cornell.edu.

An international short course in agroecology, integrated pest management and sustainable agriculture will be held at the Michigan State University Campus June 14 - 24, 2009. For more information, contact course coordinator Dr. Dieudonne Baributsa, baributsa@msu.edu

We would like to hear from you. If you have comments, suggestions, or news contributions, please send them to Annie Steed, annies08@vt.edu.

Featured IPM CRSP graduate students

Since the IPM CRSP began in 1993, more than 62 students from around the world have received long-term education through IPM CRSP funding, and another 38 are working on graduate degrees. Higher education is the foundation for research and technology transfer. As the pursuit of graduate studies represents a significant investment in one's own future as well as that of one's country, the IPM CRSP ME salutes the accomplishment of these individuals.



From left to right: Asresie Hassen, Shashie Ayele, Kuma Ebissa

Congratulations!

Assresie Hassen has completed his master's in plant science at Haramaya University in Ethiopia. He successfully defended his thesis, "Impact of parthenium (*Parthenium hysterophorus* L.) on herbaceous vegetation and soil seed bank flora in grazing lands and sorghum fields in eastern Amhara, Ethiopia," in September 2008.

Shashie Ayele has completed her master's in range ecology and management at Haramaya University in Ethiopia. She successfully defended her thesis, "Impact of Parthenium (*Parthenium hysterophorus* L.) on the Range Ecosystem Dynamics of the Jijiga Rangeland, Ethiopia," in 2007. Shashie is now working for the Ministry of Agriculture in Ethiopia.

Kuma Ebissa has completed his master's in plant ecology at Haramaya University in Ethiopia. He successfully defended his thesis, "Perceived socioeconomic impact of parthenium (*Parthenium hysterophorus* L.) and its effect on crop production in Eastern and Western Hararghie Zone, Oromiya Region: The case of Haramaya, Babile, and Tulo districts," in 2008.

To have your students featured in the IPM CRSP newsletter, please contact Annie Steed, annies08@vt.edu.



The Integrated Pest Management Collaborative Research Support Program (IPM CRSP) is supported by the United States Agency for International Development under USAID Cooperative Agreement No: EPP-A-00-04-00016-00.