VEGETABLES: From Seed to Table and Beyond

Course objectives
- The 35th International Vegetable Training Course (IVTC) will prepare participants to alleviate hunger and poverty through sustainable development of the vegetable sector.
- IVTC will engage participants in the entire spectrum of activities in the vegetable value chain from breeding, seed production, production, marketing, postharvest and nutrition. These will focus on research and development and include gender, climate change adaptation, communication, monitoring and evaluation.

Who should attend?
Professionals working in agricultural extension, research and development who want to enhance their knowledge and skills.

Training method
- Blend of theory and practice: lectures, class exercises, laboratory demonstrations and field visits.
- Each module will have one week for field visits to various research, teaching and extension facilities in Thailand to gain further understanding on topics relevant to the module.
- IVTC is taught in English by experts from AVRDC, Kasetsart University, other universities in Thailand and around the world, Thailand Department of Agriculture and Agricultural Extension, other international organizations, and the private sector.
- At the end of each module, participants will develop and present an action plan to implement on returning to their home countries.

Accommodation
Participants will be housed in single apartments close to the training venue with air-conditioning, en suite, refrigerator, TV, balcony, and free Internet.

Course fee*
3 separate modules can be taken singly or as a whole:
- One module (any of the three modules): USD 2,500
- Two modules (any combination): USD 4,800
- Three modules (full course): USD 7,000

* AVRDC does not provide scholarships; fee covers tuition, board and lodging, course materials, transportation, accident / travel insurance in Thailand.

Comments from previous participants

"Lecturers are very supportive and professional. Learnt a lot from them. Great module!"
Christine Hellen Chidaya, Agricultural Extension Methodologies Officer, Ministry of Agriculture, Irrigation and Water Development (Malawi), Module 1

"Helpful and great experiences on postharvest activities for both lectures and laboratory."
Tiua Jeremia, Assistant Agricultural Officer, Ministry of Environment, Lands and Agricultural Development (Republic of Kiribati), Module 2

"Excellent module. Beautifully planned and executed. Subjects covered were also excellent."
D.M.R.C.A.K Dissanayake, Institute of Postharvest Technology (Sri Lanka), Module 3

"It is an excellent training course to learn about agricultural development issues and project development."
Pinn Thira, Lecturer, Royal University Agriculture (Cambodia), Module 3

For further information, please contact:
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In partnership with:

AVRDC is endorsed by the International Society for Horticultural Science (ISHS) and Horticulture innovation Lab Regional Center at Kasetsart University.
MODULE I: Seed to Harvest
5 - 30 September 2016

- Vegetable biodiversity Management
  Focus on vegetable germplasm, public/private/community seed multiplication, pest- and disease-free storage of multiplied seed, identification and testing of seed-borne diseases, quarantine.

- Vegetable Breeding, Propagation, and Field Experiments
  Focus on vegetable breeding and varietal testing, grafting, methods of propagation, protected cultivation, and experimental designs.

- Integrated Disease, Pest, Soil, Water and Nutrient Management
  Focus on identification and control of major vegetable diseases (bacteria, fungi, nematodes and viruses) and pests (insects and weeds), Integrated Pest Management (IPM) and judicious pesticide use, knowledge on integrated soil, water and fertility management, composting, and laboratory testing for soil nutrient content.

- Field Trips
  - Germplasm units / Genebanks
  - Seed companies
  - GAP farmer field
  - Urban gardens

MODULE II: Harvest to Table
3 - 28 October 2016

- Human Nutrition and Health
  Focus on interventions for improved nutrition and health of rural and urban consumers through increased awareness, access, and consumption of nutritious, diverse, and safe vegetables.

- Postharvest Technologies
  Focus on postharvest physiology of vegetables, technologies for postharvest loss reduction focusing on low-cost technologies suitable for smallholders.

- Value Chain Analysis, Good Agricultural and Manufacturing Practices (GAP/GMP), and Hygiene
  Focus on agriculture value chain analysis, use of information technology in agriculture, agricultural marketing, key components of GAP/GMP protocols, types of food safety certification, Sanitary and Phytosanitary Standards for international trade.

- Field Trips
  - Good Agricultural and Manufacturing Practices
  - Packaging houses
  - Food Processing
  - Wholesale and retail markets

MODULE III: Sustainable Development
31 October - 25 November 2016

- Project Planning, Monitoring & Evaluation
  Focus on project cycle, planning, monitoring and evaluation, theory of change and impact pathways, development communication, data collection tools, and basic tools for economic analysis of agricultural projects.

- Approaches to Sustainable Development
  Focus on Sustainable Development Goals (SDG), sustainable community development, agriculture extension and scaling up / out of technologies, research and development proposal development, education and training for agriculture development.

- Emerging issues in Agriculture Development
  Focus on agriculture climate change adaptation and resilience, preparedness for natural disasters that impact vegetable production systems, nutritional security, gender and poverty-related issues, home/school/community gardens, and microfinance.

- Field Trips
  - Community gardens
  - Seed Companies / Community seed groups
  - Research / extension and academic institutions
  - Agribusinesses

Application deadline: 31 July 2016
Application deadline: 15 August 2016
Application deadline: 30 August 2016