

## Workshop on Reviewing Plant Genetic Resources Education in East and Southeast Asia

University of Tsukuba, Japan  
17-19 November 2009

### Objectives

#### General objective :

Enhance the relevance, content and delivery of plant genetic resources (PGR) and related courses and programmes in East and Southeast Asia

#### Specific objectives:

1. Review universities' experiences of teaching PGR courses and programmes in East and Southeast Asia in the past five years
2. Share regional and international advances in the conservation and use of PGR and agricultural biodiversity
3. Provide inputs and feedback from stakeholders regarding competences required in graduates of PGR-related courses and programmes
4. Develop a shared understanding of the way forward for PGR education in the region, regarding content, education approaches and supportive mechanisms


#### Expected outputs/documentation:



1. Workshop Proceedings
2. Action plan and strategy for follow up






## Programme

Day 1 – 17 November, 2009	
08.30	<p><b>Opening session</b></p> <ul style="list-style-type: none"> <li>• Welcome address from Tsukuba University</li> <li>• Welcome address from Bioversity International <b>Dr Leocadio Sebastian</b></li> <li>• Around the table introduction</li> <li>• Overview of workshop objectives, expected outputs and programme</li> <li>• Global initiatives on agrobiodiversity education – a brief update <b>Dr. Per Rudebjer, Bioversity International</b></li> </ul>
09.30	<p><b>Session 1. Review of universities' experiences from teaching plant genetic resources courses and programmes</b></p> <p><u>Teaching PGR-related courses: experiences from past five years: (presentations of 15 min. each)</u></p> <ul style="list-style-type: none"> <li>• Experiences from University Putra Malaysia (UPM) <b>Prof. Ghizan bin Saleh</b></li> <li>• Experiences from University of Malaysia (UM) <b>Prof. Halijah Binti Ibrahim</b></li> </ul>
10.00	 + Group Photo
10.30	<ul style="list-style-type: none"> <li>• Experiences from Kasetsart University, Thailand <b>Dr. Pongthep</b></li> <li>• Experiences from the University of Nottingham -<b>Dr Peter G Alderson</b></li> <li>• Experiences from Kangwon National University – <b>Dr. Nam Soo Kim</b></li> </ul>
11.15	<p><u>Teaching MSc programmes on Plant Genetic Resources: experiences from past five years: (presentations of 15 min. each)</u></p> <ul style="list-style-type: none"> <li>• Experiences from University of the Philippines Los Baños (UPLB) <b>Prof. Teresita Borromeo</b></li> <li>• Experiences from University Kebangsaan Malaysia (UKM) <b>Prof. Mohamad bin Osman</b></li> </ul>
12.00 - 13.30	
13.30	<ul style="list-style-type: none"> <li>• Group discussion to capture essential points from Session 1</li> </ul>
14.00	<p><b>Session 2. Views and feedback from PGR stakeholders: employers and students</b></p> <p><u>Feedback from employers of PGR graduates (presentations of 20 min. each)</u></p> <ul style="list-style-type: none"> <li>• What competencies do private seed / breeding companies seek in graduates specializing in PGR <b>speaker to be confirmed</b></li> </ul>

	<ul style="list-style-type: none"> <li>Experiences on PGR training from the perspective of genebank management <b>Dr. Masaru Takeya</b></li> </ul>
14.40	
15.00	<p><u>Feedback from students of PGR programmes and courses</u> (presentations of 20 min. each)</p> <ul style="list-style-type: none"> <li>Feedback from students: results of focused group discussion with students in the Philippines <b>Prof. Nestor Altoveros</b></li> <li>Feedback from students: results of focused group discussion with students in Malaysia <b>Prof. Mohamad bin Osman</b></li> </ul>
15.40	<ul style="list-style-type: none"> <li>Group discussion to capture essential points from Session 2</li> </ul>
16.00 - 17.00	<p><u>Workshop: strengths and weaknesses in plant genetic resources capacity</u></p> <ul style="list-style-type: none"> <li>Group exercise to capture key issues relating to PGR education and graduates capacity</li> </ul>
Time to be confirmed	<b>Welcome dinner</b>

	<b>Day 2 – 18 November, 2009</b>
08.30	Review of Day 1 <i>Participant</i>
08.45	<p><b>Session 3. Regional and international outlook regarding conservation and use of biodiversity for food and agriculture</b></p> <p><u>International perspectives on research and policy relating to agrobiodiversity</u> (presentations of 30 min. each)</p> <ul style="list-style-type: none"> <li>Climate change adaptation and mitigation <b>Speaker from University of Tsukuba</b></li> <li>Law and policy on plant genetic resources <b>Prof. Nestor Altoveros</b></li> <li>Open forum on key issues</li> </ul>
10.00	
10.20	<p><u>Recent developments in agrobiodiversity education</u> (presentations of 30 min. each)</p> <ul style="list-style-type: none"> <li>How can we be innovative in teaching and learning? <b>Dr. Brendan Barrett, Media Studio, United Nations University</b></li> <li>Integrating PGR related courses into a new graduate program – the case of the program on Environment Diplomatic Leader <b>Prof. Kazuo Watanabe.</b></li> </ul>
11.20	<ul style="list-style-type: none"> <li>Group discussion to capture essential points from Session 3</li> </ul>
12.00 - 13.00	

13.00	<p><u>Workshop: external drivers, influences and innovations that universities need to consider</u></p> <p>Themes to be explored in groups and plenary (working in 2 groups:</p> <ul style="list-style-type: none"> <li>• External drivers influencing plant genetic resources and agrobiodiversity education</li> <li>• Innovations and new opportunities for teaching and learning</li> </ul>
14.50	
15.10	<p><b>Session 4. Towards a shared understanding of the way forward</b></p> <p><u>Workshop: Strategies for curriculum change</u></p> <ul style="list-style-type: none"> <li>• Group exercise on: <ul style="list-style-type: none"> <li>○ Enhancing general agricultural courses and programmes in PGR-related areas of learning</li> <li>○ Enhancing MSc PGR programmes</li> </ul> </li> </ul>

	<b>Day 3 – 19 November, 2009</b>
08.30	<p>Review of Day 2</p> <p><i>Participant</i></p>
08.45 -10.00	<ul style="list-style-type: none"> <li>• Presentation on strategies for curriculum change</li> </ul>
10.00	
10.20	<p><u>Workshop: Putting the plans into action</u></p> <ul style="list-style-type: none"> <li>• Action Plan</li> <li>• Implementation mechanisms, e.g, networking and collaboration, international partnerships, funding (scholarship)</li> </ul>
12.00 - 13.00	
13.00	<p><b>Closing session</b></p> <ul style="list-style-type: none"> <li>• Presentation of action plan and implementation mechanism</li> <li>• Evaluation</li> <li>• Closing</li> </ul>
14.00	<p>Departure for visit to National Institute of Agrobiological Science (NIAS) genebank.</p>