



# Upland Agriculture Curriculum Initial Consultative Workshop

March 5-6, 2006

## Upland and lowland environments: A comparison

Characteristics	Lowland	Upland
Temperature	Stable throughout the year	Low in winter months
Rainfall	?	?
Irrigation	Yes	May be
Soils	High fertility	Lower fertility
	Flooding	Erosion
Crop species	Domesticated	Wild and introduced for commercial
Social	Homogenous	Ethnic
Market	Good access	Long distance

## Upland agriculture curriculum: A comparison

Characteristics	Graduate	Undergraduate
Current	VN: Fixed Graduate core courses, UA preference, integrated CAM: Integrated into existing LA LAO: developing a separate UA for SMS at provincial level THA: Integrated into existing LA	
Employment	Integrated type has higher opportunity	
UA issues and needs (may be in short course training programs for trainers or research projects)	<ol style="list-style-type: none"> <li>1. Systems perspective, Landscape ecology</li> <li>2. Social dimensions (Gender, local knowledge, ethnics culture, etc.)</li> <li>3. Post-harvest technology</li> <li>4. Sustainable resources management techniques and options</li> <li>5. Quality control</li> <li>6. Integrated Farming Systems and Agroforestry</li> <li>7. Marketing and Information</li> <li>8. Sustainable livelihood strategies               <ol style="list-style-type: none"> <li>a. Income generation and diversification</li> </ol> </li> <li>9. Community-based natural resources management (forestry, farmer-water user, fisheries)</li> <li>10. Technology transfer and participatory methods</li> </ol>	
Ways to do it	<ol style="list-style-type: none"> <li>1. Short course training programs for trainers</li> <li>2. Research projects by students/professors</li> <li>3. Collaborative efforts (networking-national and regional, staff exchange)</li> <li>4. Wikipedia.org, website</li> </ol>	

Upland Agriculture Task Force (National)	<p>1. LAO &amp; CAM: Community-based natural resources management (forestry, farmer-water user, fisheries)-train the trainers</p> <p>2. VN:</p> <ul style="list-style-type: none"> <li>a. Social dimensions (Gender, local knowledge, ethnic cultures, etc</li> <li>b. Marketing and Information</li> <li>c. Post-harvest technology</li> </ul> <p>3. THA:</p> <ul style="list-style-type: none"> <li>a. Sustainable livelihood strategies (Income generation and diversification)</li> </ul>	
Short-term training	1.LAO: Technology transfer and participatory methods	