

PARTICIPATORY CURRICULUM DEVELOPMENT - AGROFORESTRY CURRICULUM FOR TRAINING AT BSC. LEVEL IN VIETNAM

A workshop was held from 29 - 30 March, 2006 at Faculty of Forestry, Hue University of Agriculture and Forestry. There were 26 participants attended who came from 5 universities, research institutes, Agricultural extension Centres and Forestry Department of Hue, Department of agriculture and rural development of Quang Binh, Quang Tri provinces.

Workshop Objectives

- Sharing existent curriculum frameworks of Agroforestry at B.Sc. program among Forestry Faculties of Universities in Vietnam.
- Sharing teaching experiences on Agroforestry among Forestry Faculties of Universities in Vietnam.
- Developing Agroforestry curriculum framework at B.Sc. level for the context of Vietnam.

Workshop Results

❖ Defining the fields of the Agroforestry training

Agroforestry is one of new major at the Agriculture and Forestry University in Vietnam. At the moment, Agroforestry has been trained by some faculties of forestry at the university in Vietnam as a subject. Now there is demand to develop to train agroforestry such as new major.

Basing the general curriculum framework on training by the Ministry of Education and Training at the universities, the workshop developed for the Agroforestry curriculum framework.

Total timing for professional knowledge group is 120 units. The results were defined with five fields in training the Agroforestry (AF): (i) AF techniques development; (ii) Community development approach; (iii) Natural Resources Management and other Resources in household and community, (iv) Policy analysis and (v) AF products analysis. Besides the workshop was defined the places, station or organization for their work after graduating.

❖ Defining K.S.A, the objects in AF curriculum framework.

The necessary knowledge, skills and attitudes were identified for 5 above fields. Base on them, participants continuously define the detail subjects for each field. In short the workshop has been established curriculum framework for training Agroforestry in Vietnam. As following

| No | Name of Subjects | No of Units |
|-----|--|-------------|
| A | AGROFORESTRY TECHNIQUES | |
| 1. | Geodesy | 3 |
| 2. | Forestry Entomology and Pathology | 4 |
| 3. | Agroforestry Ecology | 2 |
| 4. | Meteorology and Hydrology | 3 |
| 5. | Forest Plant Taxonomy | 2 |
| 6. | Agriculture and Forestry Varieties | 3 |
| 7. | Agriculture System | 2 |
| 8. | Soil science | 3 |
| 9. | Agriculture and Forestry Survey and Planning | 3 |
| 10. | Aquaculture | 2 |
| 11. | Industrial Crops | 2 |
| 12. | Food Plants | 2 |
| 13. | Fruit-tree/Fruit Plants | 2 |
| 14. | Plantation Techniques | 2 |
| 15. | Agro forestry Products Harvesting and Processing | 3 |
| 16. | Livestock and Poultry Breeding | 3 |

| No | Name of Subjects | No of Units |
|----------|---|-------------|
| 17. | Agroforestry Techniques | 4 |
| 18. | Plant Physiology | 4 |
| B | Community Development Approach | |
| 1. | Conflict of Natural Resources Management Solving | 2 |
| 2. | Projects Management | 2 |
| 3. | Introduction to Social Forestry | 2 |
| 4. | Medium and Small Business Management | 2 |
| 5. | Agroforestry Extension | 3 |
| C | Marketing | |
| 1. | Agroforestry Products Marketing | 3 |
| 2. | Environmental Services | 2 |
| 3. | Risk Management | 2 |
| D | Policy analysis and consultant | |
| 1. | Land Law and Policy | 2 |
| 2. | Agroforestry Marketing Policy | 3 |
| 3. | Policy Analysis | 3 |
| E | Natural Resources Management and other Resources | |
| 1. | Applied GIS in Resources Management | 3 |
| 2. | Eco-landscape Survey and Planning | 2 |
| 3. | Non-Timber Forest Products | 2 |
| 4. | Land Use and Management | 3 |
| 5. | Forest Plants | 3 |
| 6. | Biodiversity | 2 |
| 7. | Holding and Management the Family-based and Community Economy | 3 |
| 8. | Applied Statistic in Resources Management | 2 |
| 9. | Environmental Impact Assessment | 2 |
| | TOTAL | 97 |

This framework is general for whole the universities, but it should be applied flexibly for each university based on their training context.