



Sustainable Development and Sustainable Land Management Curriculum

for the Royal University of Agriculture and Agriculture-Focused Higher Education Institutions in Cambodia



Introduction

The Royal University of Agriculture (RUA) Cambodia and the Centre for Development and Environment (CDE) of the University of Bern are co-developing a curriculum on Sustainable Development (SD) and Sustainable Land Management (SLM) with the aim to build inter- and transdisciplinary competences among young researchers who will, in close cooperation with land users, engage in more sustainable agricultural production through appropriate natural resource management.

CDE is one of Switzerland's leading research institutions in the field of sustainable development and global change, hosting since 25 years the global network on Sustainable Land Management, World Overview of Conservation Approaches and Technologies (WOCAT). CDE takes a holistic and collaborative perspective and engages in knowledge development and sharing, as well as in policy dialogue to promote concrete pathways towards sustainable development. CDE is specialized in promoting Education for Sustainable Development (ESD) approaches at the University of Bern, in Switzerland and globally, particularly with universities in the Global South. RUA is the leading university for agriculture and practice in Cambodia. It identified the needs to offer insights into sustainability issues to RUA researchers and students and apply ESD approaches to enhance learning and transformation for sustainable development.





Overview of the Curriculum Sustainable Development and Sustainable Land Management

Aim: To provide students in higher education, government and non-government officials with necessary Knowledge, Skills, and Attitude on SLM to contribute to sustainable development in view of the three UN conventions (UNCCD, UNFCCC, UNCBD) and the SDGs.

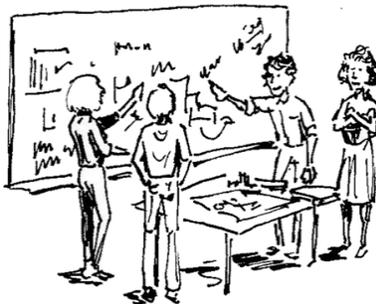
Target Group: RUA BSc and/or MSc students, BSc students of other Agriculture-Focused Higher Education Institutions, government officials and NGO staff.

Purposes:

1. To provide the students with relevant definitions, concepts and frameworks in land degradation, sustainable land management, climate change adaptation & mitigation and disaster risk reduction in the context of sustainable development, particularly the SDGs.
2. To provide students with tools and methods to document, assess and evaluate SLM practices at farm and landscape levels.
3. To enable students to support farmers/implementation projects (government, NGOs, etc.) in the adoption and adaptation of SLM practices
4. To provide students with the necessary competences (knowledge, professional skills, attitude) for the future job market connected with the three UN conventions and SDGs.

Chapters:

Chapter I:	Introduction to Sustainable Development, Land Degradation and SLM
Chapter II:	SLM Technologies and Approaches and Ecosystem Services
Chapter III:	SLM and Climate Change
Chapter IV:	Mapping Land Degradation and SLM by using different tools
Chapter V:	Decision-support tools for SLM and assessment of Ecosystem Services



Most important competences for this curriculum are, amongst others:

- Systems and anticipatory thinking (based on inter- and transdisciplinary, multi-perspective knowledge)
- Cooperation and communication, e.g. work in teams
- Changing perspectives
- Creative, constructive, and innovative thinking and solution-orientation

For further information visit:

www.aecam.org
www.cde.unibe.ch
www.wocat.net