



Module 11: Water-Energy-Food nexus - Livestock systems

Theme	Subject	Hours	Teacher
System analysis and planning	The contribution of livestock to food security and livelihood in developing countries	2	Crovetto
	Strengths and weaknesses of different livestock production systems	2	
	Valorisation of local animal resources in developing countries	2	Mattiello
	Value chains and markets	4	Corsi
	Seminar on Beekeeping and honey value chain in sub-Saharan Africa	2	De Paoli
	Seminar on MILKY project: Development of a Sustainable Dairy Supply Chain in Kiambu County in Kenya	2	Viganò
Animal production	Milk production in developing countries	4	Crovetto / Mattiello
	Meat production in developing countries: beef, sheep & goats, pigs	4	Crovetto
	Poultry and egg production in developing countries	4	Toschi
	Extensive aquaculture and Tilapia production in developing countries	4	
	Old and new world camelids farming	2	Mattiello
	Feeds evaluation (forages and concentrates) for proper animal diets	4	Crovetto
	Biosecurity: prevention, diagnosis and treatment of the main pathologies	4	Calavita
	Game ranching	1	Mattiello
	Role and skills of the extension service for livestock farming in developing countries	1	Crovetto
	Seminar on Rabbit and poultry husbandry in family agriculture in Burkina Faso	2	Sunzini
Seminar on Fish farming: first regional hatchery in Zambezia in Mozambique	2	Toschi	
Module conclusion	Evaluation and feed-back	2	
	Total Hours	48	
	<i>Standard teaching</i>	30	
	<i>Seminar</i>	12	
	<i>Workshop</i>	4	