

01 Introduction: Lecture Review

- 01-1 Livestock Ecology – A Definition
- Definition of ecology as a scientific discipline
 - Overlap with other sciences
 - Ecology in the hierarchy of biology
 - Definition of livestock ecology
 - Definition of livestock environment
- 01-2 Development of Livestock Farming Systems
- creation of agro-ecosystems
 - evolution of farming systems
 - livestock production systems with large herbivores
 - farming system properties
- 01-3 Livestock Economics
- livestock numbers and biomass
 - why do we keep livestock
 - contribution of livestock to GDP
 - global trade in livestock and related commodities
- 01-4 Livestock and consumers demands
- current human food habits
 - Importance of meat in human diets
 - Development of livestock populations

Study questions

1. Describe the dimensions of livestock ecology
2. Name the major livestock functions
3. What is the impact of livestock on cropping systems
4. What are the general economic functions of livestock in society
5. What is the importance of animal products for human nutrition