

## **Summary**

This lecture introduces the basic concepts and terms related to ecology and landscape. It begins with the definition of the terms Landscape and Ecology. Next, the subject matter of ecology and ecosystem components and processes are discussed. Subsequently, the concepts such as Carrying Capacity, Ecological Succession, Limiting Factor and Ecosystem Stability that are essential to the understanding of the functioning of ecosystem are introduced. It ends with the discussion on the impact of human activities on ecosystems and ecological balance, and the need for environmental protection.