**Sustainable Agriculture and Food Systems for Food Security and Nutrition**

**(Scope of the Study and Building Blocks)**

1. **Agriculture Transformation in the Context of Climate Change**

Current status of agriculture transformation

Public support for agriculture research and development

International support for agriculture transformation

Climate change vulnerability food security and nutrition

Agroecologies and food systems

Climate change effects on agriculture production

Livelihood, food security and nutrition in the context of climate change

1. **Innovative Approaches for Sustainable Agriculture**

Introduction

Most vulnerable agroecologies

Recent innovations for sustainable food production

1. **Increasing Access to Existing Technologies**

Introduction/ existing technologies for sustainable agriculture

How to support food producers to adopt existing technologies

Modernize extension services

Improving availability of information technology

Facilitate investment by small-holders

1. **Solving Issues in Local Food and Ecosystems**

Identification of issues in food systems

Solutions to issues in food and ecosystems

1. **Use of Local Knowledge for Sustainable Agriculture**

Introduction

Ransacking local knowledge for sustainable agriculture

1. **Improving Governance and Strengthening Institutions for Sustainable Agriculture**

Weaknesses in governance structure in the context of sustainable agriculture

Strategies to strengthen governance and institutions

1. **Potential Risks of Innovative Approaches for Food Security and Nutrition**

Analyzing potential risks of innovative approaches

Finding solutions to control risks to ensuring food security and nutrition