

Thematic areas

A. Agro-ecology based good practices

Possible areas may include the following:

- water management, soil management, nutrient management, landscape management, disease and pest management, livestock poultry and fish disease management
- organic farming, permaculture, natural farming, conservation agriculture, mixed cropping, cultivar mixture, ecologically resilient agriculture, crop diversification, cover crop, agro-forestry, homestead garden, integrated farming, vertical farming, management of soil biota, grazing management/grassland management,
- agriculture genetic resources, banking AGRs, utilization
- SALT technology, terracing, bio-engineering
- conservation agriculture
- indigenous and local crops, livestock, insects, microbes, aquatic GRs, forages
- indigenous foods and food culture
- agro-ecology based good practices- international experiences
- success stories on agro-ecology
- Good Agriculture Practice (GAP), Good Veterinary Practice (GVP)
- Religious and cultural practices
- Animal genetic resources (ANGR) based on agro ecology and their role in food system/ food security
- Indigenous foods and food culture
- Agro-ecology based good practices- international experiences
- Success stories on agro-ecology
- Good agriculture practice (GAP),good husbandry system (GHS), good veterinary practice (GVP)
- Indigenous knowledge and practice on agriculture /livestock ecology and food system
- Religious and cultural practices
- Yak/Chauri farming
- Sheep farming.

B. Nexus among agro-ecology, climate change and food system

Possible areas may include the following:

- Agro-biodiversity (crop, forage, livestock, aquatic species, insects, micro-organisms)
- Ecological services and payment of ecological services (PES)
- Agro-ecology in education
- Agro-ecological research
- Agro-ecology in extension function and functionaries
- Agro-ecology and climate change
- Agro-ecology and food and nutrition
- Ecology based globally important technology, AGRs
- Agro-ecology and gender
- Agro-ecology and small scale farming/family farming

- Agro-ecology and tourism
- Value chain development of agro-ecology based products
- Marketing and trade of agro-ecology based primary and value added products
- Agro-ecology and rural livelihood
- Agro-ecology and mountain farming
- Agro-ecology based service providers
- Agro-ecology state-of-the-art technologies
- Sustainable animal agriculture
- Relation/ effect of agroecology on livestock production system

C. Policy landscapes in agro-ecology

Possible areas include the following:

- major international frameworks and their implementation status
- major provisions of agro-ecology related policy frameworks and gaps in them
- role of three tiers of government in mainstreaming agro-ecology
- implementation status and gaps in implementation of the policies
- major institutions responsible for agro-ecology related affairs
- issues and challenges in mainstreaming agro-ecology
- Capacity building coordination collaboration and institutional development
- International collaboration, experience sharing
- Communication, information sharing and knowledge management
- Contingency planning and emergency response on agroecology
- Continuing education