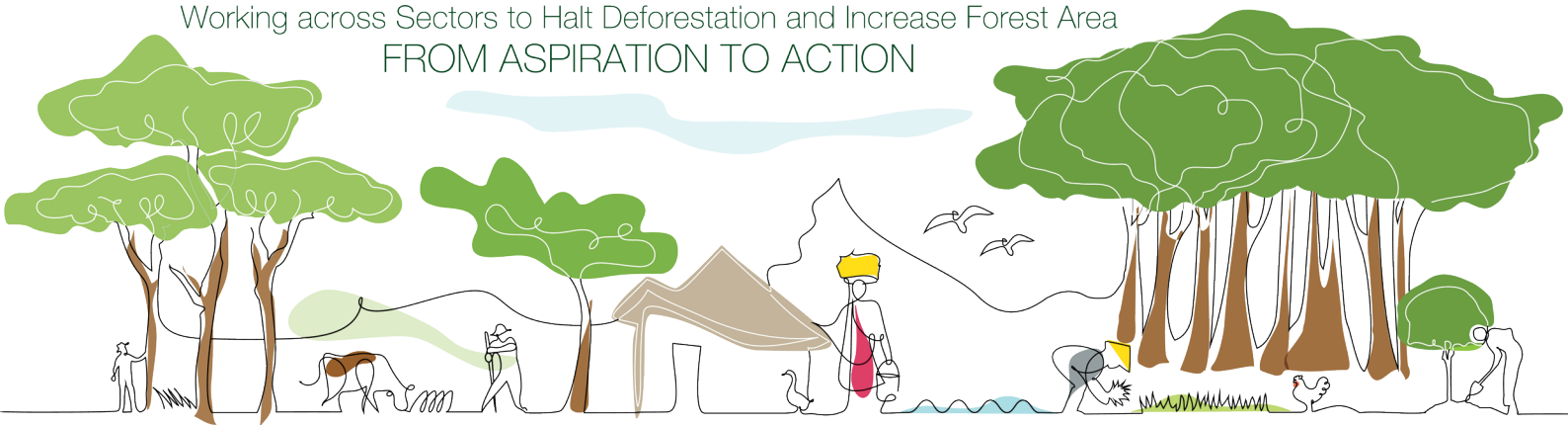


Working across Sectors to Halt Deforestation and Increase Forest Area FROM ASPIRATION TO ACTION



Theme: Approaches to managing landscapes in an integrated way under a changing climate

Session 2: Agroforestry and silvo-pastoral systems

Tuesday, February 20 11:00-12:30, Green Room (tbc)

Hosts: ICRAF, FAO, AGA, AGP

Moderator: Tony Simmons, ICRAF (tbc)

Agroforestry — including silvo-pastoral systems and methods of integrating trees, crops and livestock in agricultural production systems using agro-ecological principles — is a key strategy to combat climate change, land degradation and erosion of biodiversity while improving the productive resilience of relevant systems. Recent estimates suggest that up to 0.7Gt of CO₂ equivalent is sequestered annually due to agroforestry systems, which can also help to manage ground-water resources in croplands and lower ambient temperatures

This session will present evidence of agroforestry's contribution to climate change mitigation and adaptation, restoring productivity of landscapes and ecosystems, and improving the resilience of socio-economic systems. All this can be achieved while respecting agro-ecological principles that reduce adverse effects on biodiversity, human and land health.

Key questions or discussion points:

1. How does agroforestry contribute to combating climate change, land degradation, and erosion of biodiversity?
2. What are the factors that constrain or promote success of agroforestry and how can success be scaled up?

Confirmed speakers:

Name	Title
Prof. Kathleen Merrigan	Professor George Washington University
Dr. Milton Kanashiro	Empresa Brasileira de Pesquisa Agropecuaria Ministerio de Agricultura Pecuaria e Abastecimento (EMBRAPA)
Dr. Sonya Dewi	World Agroforestry Centre (ICRAF)
Daniel Aninagyei Ofori	Director of Forestry Research Institute of Ghana (FORIG)
Maria Rosa Mosquera Losada	Professor George Washington University
Ms. Yasmin Cajas	Entrepreneur Silvopastoral systems