**Session Proposal**

# Session Title

New Farmers: A Vital Force in Promoting Rural Sustainability, Cultural Heritage and Agricultural Diversity

# Session Organizers

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# Session Description

This conference will serve as a platform for sharing and discussing how new farmers, farmers of the young generation, can enhance crop production by modern practices, and collaborate with local indigenous communities to establish sustainable food trade systems through innovative agricultural modes, jointly advancing rural sustainability, cultural heritage, and agricultural diversity, and counteracting the environmental pollution and food insecurity by current intensive management.

China is a nation rich in ethnic diversity, and various landscape and germplasm, where people stand united in solidarity. Local residents and indigenous peoples are key allies in achieving food security for all through sustainable practices. Indigenous communities living in mountains, deserts, or forests constitute only 6.2% of the global population, yet they safeguard the majority of the world’s remaining biodiversity. This is largely attributed to their time-honored food and knowledge systems. The countries with ancient history, like India, Greece, and China are home to one of the world’s oldest, most resilient, and sustainable systems. Grounded in principles of circularity, respect, reciprocity, and care, the food and knowledge systems of indigenous peoples have provided nutritious sustenance for countless generations while nurturing the environment. However, the current agricultural practices by the intensive relying on chemicals, such as pesticides, antibiotics, chemical fertilizers, and organic wastes from various origins are threatening the agricultural food safety, soil health, water quality, and contributing to global environmental changes. The combination of the wisdoms from traditional and modern practices are therefore urgently required to address current challenges while maintaining crop yield and quality.

# Format

Oral presentations, posters, et al.