



NATIONAL SEMINAR

"Innovations in Soil Conservation for Enhancing Food Security in Mountainous Areas of Azad Jammu & Kashmir"

JUNE 18, 2025

Soil conservation is critically important for enhancing food security in the mountainous regions of Azad Jammu & Kashmir (AJK), where steep slopes, intense rainfall, and deforestation make the land highly vulnerable to erosion and degradation. The loss of fertile topsoil directly impacts agricultural productivity, which is the primary source of livelihood and food for the local population. By adopting soil conservation practices such as terracing, contour farming, agroforestry, and organic amendments, farmers can improve soil fertility, water retention, and crop yields. These practices not only help sustain food production but also increase resilience to climate change and reduce dependency on food imports. Furthermore, healthy soils contribute to biodiversity conservation and long-term ecological balance. Therefore, investing in soil conservation is essential for ensuring sustainable agriculture, securing livelihoods, and achieving food self-sufficiency in AJK.

Seminar Objectives

To explore innovative soil conservation techniques tailored for the unique topography and climatic conditions of the mountainous regions of Azad Jammu & Kashmir (AJK).

To assess the impact of soil degradation on food security in AJK's upland communities and identify strategic interventions.

To share case studies and success stories from within Pakistan and other mountainous regions worldwide that have effectively addressed soil erosion and fertility loss.

To promote climate-smart agriculture practices that integrate soil health management with sustainable crop production in hill farming systems.

To build awareness among local stakeholders including farmers, extension agents, researchers, and policy makers on the linkages between soil conservation, water retention, and food resilience.

To foster collaboration between research institutions, government agencies, and community-based organizations for implementing practical soil management solutions.

To identify policy and capacity-building needs for promoting large-scale adoption of soil conservation innovations in AJK.

Registration Information

The registration of the seminar is free and e-certificates will be presented to the participants registered as student/ professional/ regular member of the Soil Science Society of Pakistan.

The New membership/ renewal for the Soil Science Society of Pakistan will be available on the registration desk.



09:00 AM - 02:30 PM



**Seminar Hall Faculty of Agriculture
University of Poonch Rawalakot**

Contact Information

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Jointly Organized by

Soil Science Society of Pakistan & University of Poonch Rawalakot, AJK