Managing Soil and Water Resources for Climate-Smart Agriculture
Toward Global Food and Livelihood Security

--- A Joint International Conference of WASWAC-4th WC, ISCO-20 and SCSI-4th IC

At New Delhi, India, November 5th-9th, 2019

PRIMARY CONFERENCE TOPICS

I: Advances in natural resources inventory for food, energy and livelihood security.
II: Soil quality and challenges in resilient agriculture, afforestation, bio-diversity losses and forest management.
III: Rainwater harvesting, efficient use of water, integrated watershed management and community participation.
IV: Biodiversity conservation, coastal ecosystem management, for sustaining soil health and productivity.
V: Prospects for intensification of cropping systems, sustainable production systems, integrated farming systems.
VI: Innovations in irrigation and drainage management.
VII: Land management in mountainous areas, sloping lands, plateaus, plains, deserts, community grasslands, rangelands and alpine and sub-alpine pastures.
VIII: Water and wind erosion and their effects on soil, soil carbon sequestration under different land uses and energy management.
IX: Soil salinization, acidification, contaminated soils, mined soils, wastelands and degraded land management.
X: Remote sensing and GIS, Empirical approaches and modeling soil and water degradation processes, decision support system.
XI: Treatment and management of low quality residual waters, Environmental issues and protection strategies of water bodies.
XII: Socioeconomics of profitable farming for enhancing rural livelihoods.
XIII: Research and Education in soil and water conservation issues for sustaining land and water productivity.
XIV: Constraints, challenges and future strategies for implementing soil and water conservation practices.
XV: Policy interventions, socio-economic constraints and challenges in global food security.
XVI: Climate change mitigation and adaptation strategies, land use and land use planning for smart agriculture and rural livelihood.
XVII: Women empowerment, rehabilitation, environment protection, employment generation, energy utilization, soil solarization, hill cultivation, micro flora and fauna.

Conference updates

Detailed information and updates about the Conference will be available at the website of WASWAC (www.waswac.org), ISCO (https://www.tucson.ars.ag.gov/isco/), and SCSI (www.scsi.org.in).

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