

**ICAR- Indian Institute of Soil Science, Bhopal organized a workshop cum Training Program on Simulation Models in Climate Change Impact Assessment during 14-18 February, 2017**

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Indian Institute of Soil Science, Bhopal organized a NICRA sponsored Workshop cum Training Program on Crop Simulation Models in Climate Change Impact Assessment during 14-18 February, 2017. Dr. J.K. Saha, I/c Director, inaugurated the programme and stressed upon strengthening role of simulation models in climate change impact assessment and employment of mitigation strategies. He also emphasised more trained manpower are needed at this juncture of time when the climate change is palying a major role in food security of a country. Dr. M. Mohanty, Course-Director of the training has briefed the gathering about the importance of simulation models in agriculture and allied fields and its role in climate change adaptation and mitigation studies. He also narrated the audience the purpose of development of simulation models and their applications as research and decision making tools, and also long-term prognostic information for policy assistance through the development of best management practices or the evaluation of climate change effects on agriculture, fisheries, forestry and animals. Dr. R. S. Chaudhary, HOD (Soil Physics) has highlighted the significance of simulation models in the future scenarios of climate change and global warming. About 19 participants were participated in the workshop cum training programme representing different ICAR Institutes including agricultures, fisheries and social sciences.

During the inaugural session, all senior officers of the Institutes were also present. The overall objective of the training program was to familiarize participants with comprehensive computer models for the simulation of crop growth and yield, water, nutrient and carbon dynamics and their applications to real world problem. Further, to learn to apply models as decision making tools to manage soils and crops for sustainable agricultural production in the context of climate change. Dr. J. Somasundaram, Sr. Scientist and Co- Course-Director has proposed formal vote of thanks after the inaugural session.

The training was concluded on February 18, 2017 in presence of Dr. V. S. Bhatia, Director, ICAR-IISR Indore as Guest of Honour and Dr. Ashok K. Patra, Director, ICAR-IISS, Bhopal as Chief Guest. The valedictory function was concluded with lectures from Chief Guest and Guest of Honour. They acknowledged the importance of modelling in climate change impact assessment and emphasised that there should be many more such trainings in future so that more and more scientists undertake crop simulation modelling as their research works. They also appreciated the efforts made by Course Directors in teaching the trainees in simulation modelling by enhancing their capabilities to sue various crop simulation and carbon models. The need for development of simulation models in fisheries and animal science has been emphasized by speakers. The meeting was concluded with a vote of thank.



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