

Biodata of Dr. N.G. Patil, Director, ICAR-NBSS&LUP, Nagpur

Born on 2nd August 1966, Dr. N.G. Patil did B.Tech. in Agricultural Engineering and M.Tech. in Soil and Water Conservation Engineering (SWCE). He obtained Ph.D. in Soil and Water Conservation Engineering.



His research areas have been land use planning, water resources, crop water management, climate resilient agriculture, land resource inventory, predictive soil mapping, watershed development and soil hydraulic properties. Dr. Patil has wide national and international R&D experience in the field of agriculture and environment. He was awarded the Australia Awards Fellowship by Department of Foreign Affairs and Trade, Australian Government to undertake research on digital agriculture for food and soil security. He not only imparted training to Agricultural Trade Partners in India, but also implemented various technological options to reduce water consumption, promote effective and efficient use of water resources, inhibit soil degradation and reduce environmental and ecological impacts on agriculture. Algorithms developed by him are currently used by multinational corporations like Adani Transmission, Sterlite Transmission, Tata projects, KEC International etc. for infrastructure development in India and abroad. He also developed algorithms for estimating engineering properties of soils. Dr. Patil has received many prestigious honours and awards such as Fellow of Indian Society of Soil Survey and Land Use Planning, Chief Editor of 'Agropedology' journal, etc. He has published 70 research papers in national journals and 25 research papers in international journals, the journals having high NAAS rating. The high NAAS rating reveals high-quality and impact of his research articles intended to help researchers, policymakers, and others in the field of agriculture.

Dr. Patil is currently Director of ICAR-National Bureau of Soil Survey and Land Use Planning, Nagpur.