



70 birthday of Professor Saturnin Zawadzki

Professor Saturnin Zawadzki, member of the Polish Academy of Sciences, born on the July 7, 1923 in Radom studied agronomy at Marie Curie-Skłodowska University of Lublin which finished in 1950. He received the title of doctor in 1957, habilitation in 1964 and professor in 1972.

During the study he started with his job at the Department of Soil Science of the University, where he obtained his doctorat under the supervision of a prominent soil scientist, Prof. Dr. Bohdan Dobrzański. He was also engaged in education in the Soil Science Department of the Agricultural University in Lublin. Then he moved to the Institute of Land Reclamation and Grassland Farming, being the organizer and first director of its section in Lublin and since 1983 the director general of this Institute in Falenty.

Since 1981 he was engaged in the Polish Academy of Sciences where he held a member of honourable and responsible functions as a deputy secretary scientific of the Section of Agricultural and Foresty Sciences and since 1983 till now as a secretary scientific of this Section. He was a member of 3 scientific committees and societies connected with the Academy. He is also very active in the works of the Polish Soil Science Society being for a long time a member of its administration (direction).

He was one of the creator of the Institute of Agrophysics of the Polish Academy of Sciences in Lublin in 1968 and for many years is a chairman of its Scientific Council. His contribution to the development of this Institute and agrophysical sciences in Poland was very significant.

Professor Zawadzki is outstanding specialist in reclamation pedology and especially in hydrogenic soils. His works are concentrated on problems connected with genesis and evolution of these soils. Of particular valuable are the works on the genesis of alluvial deposits in profiles of hydrogenic deposits and theory on the mechanism of the creation of polygonal microrelief of moorsh soils. On the basis of his own results from long lasting investigations he found functional relationships between organic matter contents in soils and their physical properties.

Professor Zawadzki improved apparatus for determination soil suction and set of instruments for sampling, transportation and storing of undisturbed soil samples which is very popular in soil science laboratories in Poland.

He is a co-author of most important maps of Polish soils published during last 30 years in various scales.

Prof. Zawadzki is an author or co-author of 150 publications including 62 scientific works, 5 patents and 7 books and handbooks.

He has also achievements in promoting of young scientific workers and in organization of agricultural sciences in Poland.

His knowledge and experiences are very often of a great help for soil scientists and agrophysicists especially from young generation.