

CURRICULUM VITAE of HARM DOST, Soil Scientist

ISN: 2305905

Date of Birth: May 15, 1924
Citizenship: Dutch
Degrees: Agricultural Engineer (1953, Wageningen Agricultural University)
Languages: Dutch, English, French and German (speaks, reads and writes)
German and Spanish
Professional Societies: International Soil Science Society

March 1969 to present: Completing work on Ph D thesis, interrupted since January 1966.

January 1966 to March 1969: Employed by Harza Engineering Company International, Chicago. Soil Scientist in Harza team conducting the FAO-UNDP Rice-project for Lower Guinea.
Specific results:
Soil Survey and Landclassification of Lower Guinea. Analysis of acid sulphate and salinity problems and recommendations for rice cultivation on catclays and soils under saline tidal influence.

November 1964 to December 1965: Working on a thesis titled "Soils of the Continental Depositional Plains in Surinam".w

August 1964 to September 1964: Attended International Congress of Soil Science in Bucharest, Rumania.

1959 to June 1964: Government of Surinam, Head of the Soil Survey Department of Surinam, which he organized. He directed a program of soil survey including general reconnaissance of the whole country, semi-detailed surveys of areas with agricultural development possibilities, and detailed surveys and studies for specific projects. Most of his work was concentrated in the coastal plains which include tidal low lands.

He spent about 35% of his working time on field observations during which much emphasis was put on correlating natural soil formation processes with the processes occurring after empolderment and various cultural practices. He visited the coastal plains of the neighbouring countries to correlate coastal soils between the Amazon and the Orinoco (Brazil, French Guiana, British Guiana and Venezuela). He contributed to the Soil Map of South America prepared by the Soils Division of FAO.

During this period he prepared a reconnaissance soil map of Surinam, a land classification for Northern Surinam, semi-detailed soil maps of approximately 200,000 hectares of agricultural potential land (75% in the marine clay along the coast) and detailed soil maps of about 50,000 hectares for long-term reclamation projects (Saramacca Project, Nickerie Project, both including rice and banana polders and involving multi-purpose river development). These projects are currently in the construction stage and are already in the partial production stage. He also assisted in the development of new cultural practices in these polder projects in co-operation with civil engineers, agronomists, and other soil specialists (soil physicists, soil chemists).

- March and
September 1960: Consejo de Bienestar Rural (CBR), Venezuela: Assignment of 2 months to advise the Consejo de Bienestar Rural on agricultural development possibilities of the Delta Amacuro (Orinoco Delta) in connection with the industrial development of Venezuela (Caroni Projects).
- August 1960: Attended International Congress of Soil Science in Madison, Wisconsin
- August 1954 to
1959: Surinam Government, Soil Scientist with the Agricultural Experimental Station in Paramaribo. Handled the survey of young marine clay soils along the coast of Guiana, and the associated research and experiments. This work was done in close co-operation with national organizations involved in reclamation, rural development, and regional planning. Developed field criteria to recognize potential catclays and to differentiate between the initial stages of soil formation in the young marine sediments of Surinam.
- October 1953 to
April 1954: Dutch Soil Survey Institute: Soil survey officer. Surveyed soils on glacial parent material in Holland.
- April 1954 to
July 1954: Attended course at the International Training Centre for Aerial Photography (I.T.C.) in Delft, Holland.
- 1945 - 1953: As a student underwent training periods in Sweden, Holland, Belgium and Switzerland and did literature research on land and water utilization in the Middle East and Agrica.
- 1940 - 1945: During the German occupation of Holland joined the Resistance.