

JOHANNES DEELSTRA

Present position: Senior Researcher, Bioforsk - Soil and Environment Division.
Nat., age and civil status: The Netherlands, born 1951, married.
Education: 1978, M.Sc. in Irrigation and Drainage, Agricultural University, Wageningen, The Netherlands.
Practical experience: Colombia, Valle de Sibundoy, INCORA (1975). ILRI - The Netherlands (1978)
Languages: Dutch (mother tongue), Norwegian, English (fluent), Spanish, German (fair), Arabic, French, Kiswahili (knowledge).
Professional societies: Member of Royal Netherlands Society for Agricultural Sciences (KLV), Norwegian Society of Soil Science (NKJ)
Modelling experience. DRAINMOD, SWAT, LARS - WG, Soil/COUP, AGUACROP
Softw./progr. language: MATLAB, MS Office.
Countries worked in: Colombia, The Netherlands, Kenya, Egypt, Eritrea, Mozambique, Sudan, Tanzania, Latvia, Estonia, Lithuania, Russia, Guatemala, Nicaragua, Uruguay, India, Bangladesh, Zambia

SUMMARY WORK

Turkana, Kenya (FAO, 3 yrs); small scale irrigation /crop water requirements.
Egypt (Dutch government/DGIS, 5 yrs); subsurface drainage, groundwater level/salinity control in Nile Delta.
Norway (1987 -). Bioforsk - Norwegian Institute for Agricultural and Environmental Research, Soil and Environment division.

MAIN FIELDS OF WORK;

Agriculture, food production; climate change; water resources management; nutrient -/soil loss; agrohydrology, flow paths, artificial drainage; environment, monitoring, hydrometry; water use efficiency, irrigation.

EXPERIENCE

1987 - present. Bioforsk, Norway.

- Projects related to Environmental monitoring. Norway (JOVA), Baltic countries, Russia/Leningrad Oblast/Kaliningrad (NRC/BSRP/GEF), Polen (EEA/EØS). EU/IWRM - EuroHarp, Mantra-East, Striver.
- AGROPRO - Agronomy for increased food production. Challenges and possibilities. NRC project
- Climate change scenario studies (Strategic Inst. Program - CLIMATE/NRC: Adapting to extreme weather in municipalities: what, how and why).
- Drainage design in Western Norway (DRAINIMP, Riktig Dren).
- Climate change adaptation, water use efficiency, different rice growing systems (India, Bangladesh, Vietnam projects (MFA,ClimaAdapt, Climawater, RiceClima).
- Assessment of EUROpean AGRiculture WATER use and trade under climate change (EURO-AGRIWAT). ESSEM COST Action ES1106. Grey Water focus.
- Short term missions Africa, Central America.

1982 - 1987. Pilot Areas and Drainage Technology, Drainage Research Institute(DRI), Egypt. Water management, crop water requirements, soil salinity and subsurface drainage design.

1979 - 1982. FAO/UNDP Turkana Irrigation Project, Kenya.

Design, operation and management of small-scale irrigation systems. Crop water requirements. Training.