

CURRICULUM VITAE



Koen Roest (1949), senior scientist water and climate, specialized in irrigation and drainage, gained experience in a wide range fields through his involvement in several research assignments in the Netherlands as well as abroad. He started his career with technical, experimental and operational studies of drainage system installation, operation and performance assessment in Egypt. After a residence of 5 years in Egypt, he developed chemical simulation models in Dutch research projects to relate environmental quality to nature development potential. During several short missions to Egypt he participated to develop an integrated model for irrigation and drainage water management in the Nile Delta in Egypt. He became Chief Technical Advisor of the Indo-Dutch Operational Research Project on Hydrological Studies in India (1990-1996). His task was the co-ordination of field and modeling studies on irrigation and drainage, conjunctive use of saline ground- and surface water, development of decision support systems for on-farm and regional water management.

For a period of about 10 years, Koen Roest was active in research management (in the line organization) as head of the Environmental Impact Analysis Department at Alterra. During this period he acted as a consultant for a World Bank project on Agricultural Water Quality Improvement in the Aral Sea Basin. For the National Water Resources Planning Project in Egypt he guided the analysis of effects of the Irrigation Improvement Program on water savings and crop yield increases. He was team member of several projects in Syria, Ukraine, China, Egypt and Iran. He advised the Government of The Netherlands Antilles on the safe reuse of wastewater in hotel gardens to avoid damage to the coral reefs. Recently he was project leader of the research project on adaptive water management in the Nile Basin countries to anticipate the consequences of climate change.

Presently, Koen Roest is excited to be an active member of the Agroparks development team and to use his collected experience in water management for the development of sustainable metropolitan agriculture.