

KUNGL. TEKNISKA HÖGSKOLAN Institutionen för Mark- och vattenresurser

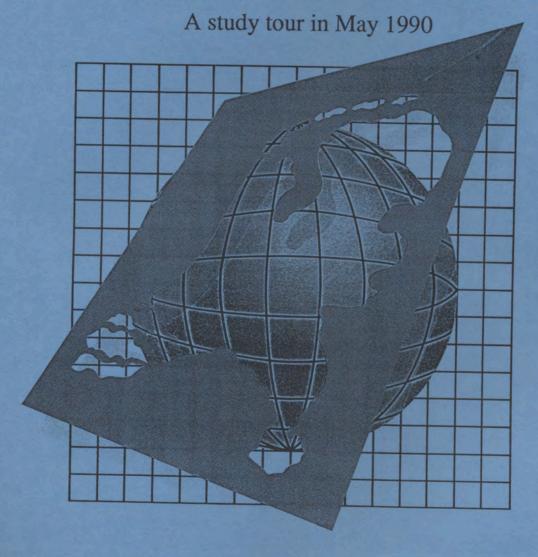
Royal Institute of Technology Dept of Land and Water Resources

Examensarbeten och kursrapporter 90:6

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CONCERN FOR THE NETHERLANDS LOCAL TO GLOBAL ENVIRONMENTAL THREATS AND

MANAGEMENT STRATEGIES



COURSE REPORT

STOCKHOLM 1990



Dept of Land and Water Resources

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Hydrological changes in The Netherlands due to the greenhouse effect

Export and import of acidifying elements in The Netherlands

Acidification from the Dutch agriculture

Economic consequeces of air pollution

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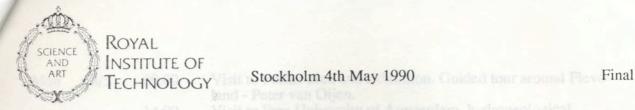
This report presents the results of two studies regarding environmental threats to The Netherlands. The first study deals with The Netherlands in the frame of global climatic change. It contains two parts; First a general background about global climatic change and, second, a study about the hydrological changes in The Netherlands due to the greenhouse effect. The second study is about acidification problems in The Netherlands, and consists of three different perspectives. First there is a study on export and import of acidifying substances in The Netherlands. The second deals with the agricultural sector and its contribution to acidification in the Netherlands. The last is about economical consequences of air pollution in general with emphasis on acidifying substances.

The studies have been carried out by 4th year students as an exercise in the course Planning and management of natural resources during spring term 1990. The project studies will be followed by a field tour to the Netherlands 8-16 May 1990.

We express our gratitude to our Dutch friends Truus Grondsma, Jan Simmers and Helenius Rogaar for their help in creating a good programme for our study tour.

Stockholm 4th May 1990

Erik Danfors
Thomas Gumbricht



Dept of Land and Water Resources

PROGRAMME FOR STUDY TOUR TO THE NETHERLANDS 8-16 MAY 1990

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Mon	14/5	09.00	Visit to Polder area and exhibition. Guided tour around Flevo- land - Peter van Oijen.
		14.00	Visit to Free University of Amsterdam, hydrogeological
		14.10	a devotes contamination problems (open) (DI C.A.J. Appelo).
		14.35	Hydrogeochemical experiments on benair of the Dutch test factors of the party storage - Drs J. Griffioen.
		15.00	Coffee break; Groundwater flow modelling demonstrations (Dis
		15.40	Groundwater recharge research in Botswana (Prof Dr J.J. de Vries)
		16.05	Groundwater systems analysis in The Netherlands (Prof G.B. Engelen)
		16.30	Reception Accomodation at Lancaster Hotel.
Tues	15/5	09.00	Departure Amsterdam. Ferry Travemünde-Trelleborg
Wed	16/5	16	Arrival at Stockholm