

SEMINAR STAFF

(In order of appearance)

DR. ALVIN G. ANDERSON, Professor of Civil Engineering, St. Anthony Falls Hydraulic Laboratory, University of Minnesota

ROBERT W. BURWELL, Regional Director, Bureau of Sport Fisheries and Wildlife

COLONEL CHARLES I. MCGINNIS, District Engineer, St. Paul District Corps of Engineers

EVAN ALLRED, Professor of Agricultural Engineering, University of Minnesota

BURTON ROUNDS, Wetland Coordinator, Bureau of Sport Fisheries and Wildlife, Minneapolis

WALTER J. OCHS, Assistant State Conservationist, Soil Conservation Service, St. Paul

RAYMOND A. HAIK, Attorney-at-Law, Minneapolis, President, Isaak Walton League

DR. GUY KELNHOFER, Director of Water Resources Planning and River Basin Coordinator, Minnesota State Planning Agency

ROLAND W. COMSTOCK, Director, Environmental Affairs, Northern States Power Company, Minneapolis

DR. WARREN A. HALL, Chairman, Committee on Water Resources Research, And Technical Assistant, Office of Science and Technology in the EXECUTIVE OFFICE OF THE PRESIDENT, Washington, D.C.

PLANNING COMMITTEE

RICHARD W. LEONARD, U.S. Corps of Engineers, St. Paul

J.R. CALTON, U.S. Corps of Engineers, St. Paul

HARRY DEDERING, Associate Director, Department of Conferences and Institutes, University of Minnesota

EMANUEL T. JENSEN, P.E., Consulting Engineer, Minnetonka

FLOYD J. LAUMANN, P.E., Hancock Concrete Products Company, Minneapolis

EDWARD SILBERMAN, Professor of Civil Engineering and Director, St. Anthony Falls Hydraulic Laboratory, University of Minnesota

CARL STEPHAN, Bureau of Sport Fisheries and Wildlife, Fort Snelling, Minneapolis

LOCATION

The Seminar will be held in the Nolte Center for Continuing Education which is located on the Minneapolis Campus of the University, near the corner of 17th Avenue S.E. and University Avenue S.E.

APPLICATION AND FEE

The fee for the Seminar is \$18.00, including the luncheon and coffee breaks. Registration is personal and non-transferable. A full refund of the fee will be made if the registration is cancelled in advance of the Seminar or if the Seminar is not held. The University reserves the right to cancel the Seminar if necessary.

ACCOMMODATIONS AND PARKING

No lodging accommodations are available on the University Campus. Registrants should arrange directly with the hotel or motel of their choice for lodging and meals other than the scheduled luncheon. A list of hotels and motels is available upon request.

The fee for reserved parking with exit and re-entry privileges is \$1.00. Application for registration, accompanied by a remittance for the full registration fee, and a separate remittance of \$1.00 for parking, if desired, should be mailed at least one week in advance of the Seminar to allow sufficient time for a parking permit to be returned.

SEMINAR ON THE ENGINEER AND THE ENVIRONMENT

NOVEMBER 24, 1970

presented by

DEPARTMENT OF CONFERENCES AND INSTITUTES

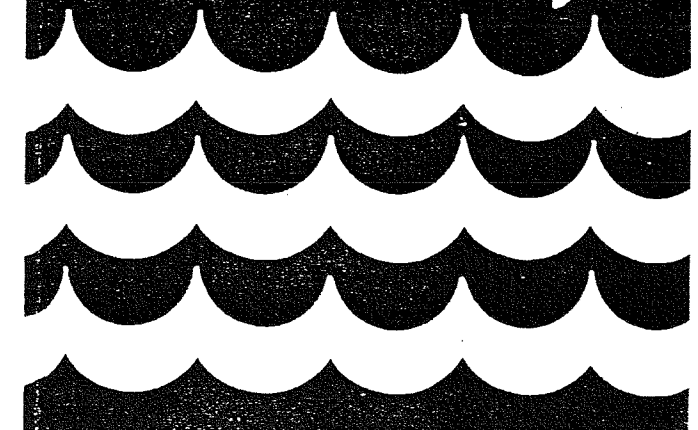
GENERAL EXTENSION DIVISION

UNIVERSITY OF MINNESOTA



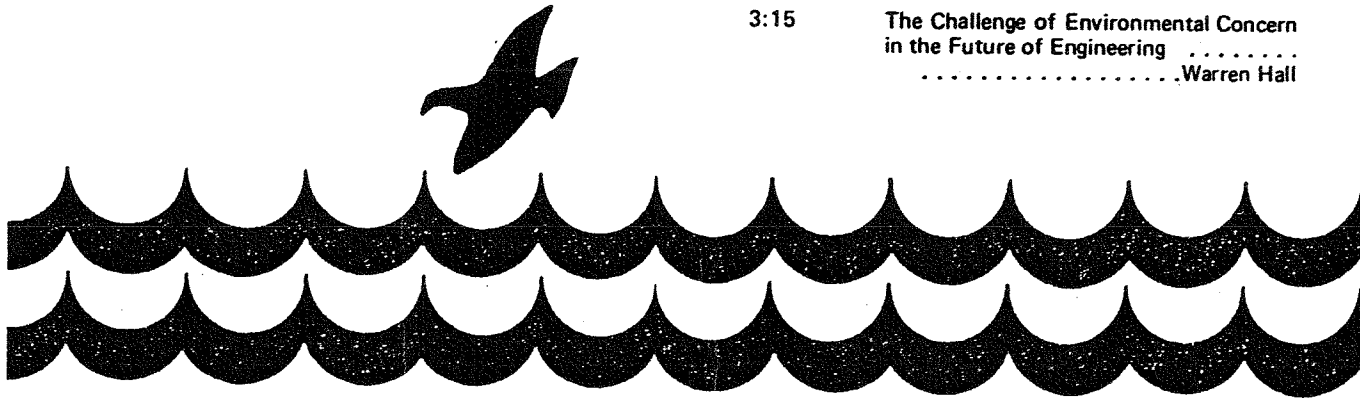
In cooperation with

AMERICAN SOCIETY OF CIVIL ENGINEERS
NORTH WEST SECTION
WATER RESOURCES GROUP



THE ENGINEER AND THE ENVIRONMENT

The engineering profession must enlarge the concept of its role in society. It must throw away the last vestige of its evolution from a craft and take on the full responsibility of a learned profession. The central attribute of such a profession is responsibility, not for a segmented detail of the problem, but for an effective solution to the total problem. In the water resources planning and development field, it is abundantly clear the environmental issues are of paramount concern to society and that such concern will be an increasing consideration for civil engineers. Special emphasis will be placed on major water related problems of local interests.



PROGRAM

- 8:00 a.m. Nolte Center for Continuing Education
Final Registration - Main Desk, Nolte Center
- 8:25 Welcome and Opening Remarks
..... Harry Dederling
- SEMINAR CHAIRMAN: Dr. Alvin G. Anderson
- 8:30 Film - "People Eco-Action"
- 9:00 Robert W. Burwell
An Ecological Approach to Natural Resource Problems
- 9:45 Coffee Break
- 10:15 Environmental Aspects of Water Resources Planning and Development ...
..... Colonel Charles I. McGinnis
- 11:00 Drainage and the Environment - Panel ..
..... Evan Allred
Walter J. Ochs
Burton Round
Raymond Haik, Moderator
- 12:15 p.m. Luncheon
- 1:15 The State Concern in Engineering Planning for Water Resources
..... Guy Kelnhofer
- 2:00 Social Aspects of Ecology
..... Roland Comstock
- 2:45 Coffee Break
- 3:15 The Challenge of Environmental Concern in the Future of Engineering
..... Warren Hall

SEMINAR ON THE ENGINEER AND
THE ENVIRONMENT

REGISTRATION FORM

93-43 D
November 24, 1970
Nolte Center for Continuing Education

NAME _____ (Please print)

ADDRESS _____ (Street and No.) _____ (City) _____ (State) _____ (Zip)

AGENCY OR ORGANIZATION _____

POSITION TITLE _____

- I enclose \$18.00 (check or money order payable to the University of Minnesota) in payment of the Seminar fee.
- Fee is to be paid by agency or organization. Enclosed is a letter of authorization to bill and/or a purchase order number.
- I enclose \$1.00 (separate check or money order payable to the University of Minnesota) in payment of reserved parking fee.
- Please send hotel/motel list.

Signature _____

Date _____

Mail to: Director, Department of Conferences and Institutes
Nolte Center for Continuing Education
University of Minnesota
Minneapolis, Minnesota 55455

To insure a place in the Seminar and reserved parking, please mail at least one week in advance of the Seminar.