



Welcome to

Symposium on  
Energy and Society  
and

Dedication of  
Mathematics-Science  
Center

APRIL 26-27, 1974  
ST. CLOUD STATE COLLEGE  
ST. CLOUD, MINNESOTA



# Symposium on Energy and Society

Friday, April 26

9:00 a.m.-  
5:00 p.m.

Registration in Main Lobby of Mathematics-Science Center.

9:00 a.m.-  
12:00 noon

Open House on all floors of Mathematics-Science Center; guided tours available; continuous laboratory demonstrations.

10:00 a.m.-  
12:00 noon

Continuous showings of films on energy and society in Mathematics-Science Auditorium.

12:00 noon

Luncheon in Atwood Center Ballroom. Informal get-acquainted session for symposium participants, community and educational leaders, legislators, and other invited guests, including students, teachers and administrators from other colleges and high schools.

1:30-5:00 p.m.

Seminars in Stewart Hall Auditorium. Moderator: David Jerde, Assistant Professor of Physics, St. Cloud State College.

## Seminar I: "The Business and Politics of Energy"

1:30-2:00 p.m.

*"The Economics of Energy"*

Speaker: *Michael Morrison*  
Washington Bureau Chief,  
McGraw Hill petroleum publications

Mr. Morrison is a journalist who specializes in energy affairs. He is Washington bureau chief for McGraw Hill petroleum publications. During the 1972-73 academic year he was a Professional Journalism Fellow in Energy Studies at Stanford University. His previous experience includes reporting assignments for United Press International in Louisville, Pittsburgh and Trenton. He also has been a reporter for the *Philadelphia Bulletin*.

2:00-2:20 p.m.

Audience participation

2:20-2:50 p.m.

*"The Role of Government in Energy"*

Speaker: *Dr. Gilbert S. Omenn*  
White House Fellow and Staff Assistant  
to the Chairman, Atomic Energy Commission

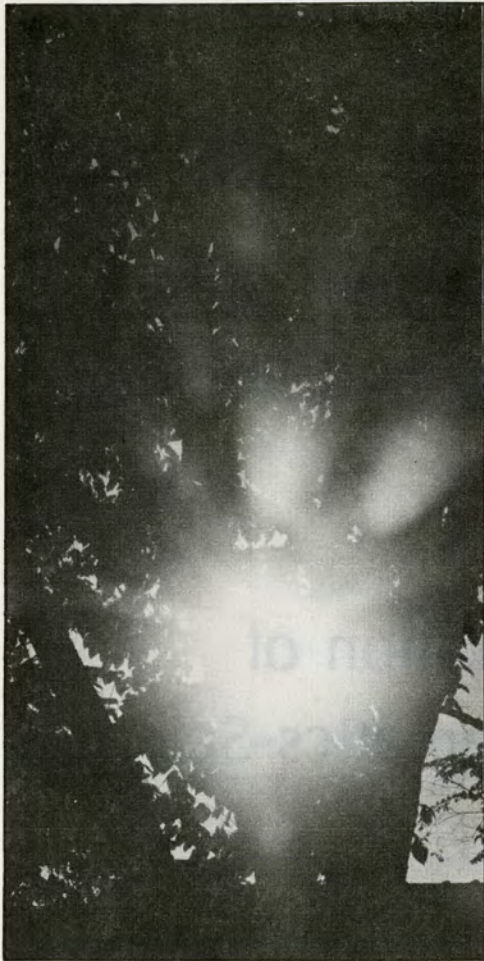
Dr. Omenn had a central staff role in the preparation of the December 1, 1973, Report to the President entitled "The Nation's Energy Future." This report recommends a federal investment of more than \$10 billion over the next five years in energy research and development. Dr. Omenn is on leave from his appointment as Associate Professor of Medicine at the University of Washington. He holds an M.D. degree from Harvard University and a Ph.D. degree in genetics from the University of Washington.

2:50-3:10 p.m.

Audience participation

3:10-3:30 p.m.

Refreshment break





**Seminar II: "The Sociological and Ecological Impact of Energy Technology"**

3:30-4:00 p.m.

*"Environmental Problems of Energy: Present and Future"*

Speaker: *Dr. Edward J. Kormondy*  
Vice President and Provost, Evergreen State College

Dr. Kormondy has developed a program of Coordinated Studies in Political Ecology at Evergreen State College. He has been director of the Office of Biological Education, American Institute of Biological Sciences, Washington, D.C. He holds a Ph.D. degree from the University of Michigan and formerly was professor of biology at Oberlin College.

4:00-4:30 p.m.

*"Energy Alternatives: Their Impact on Our Future"*

Speaker: *Victor John Yannacone, Jr.*  
Co-Founder, Environmental Defense Fund

Mr. Yannacone is an attorney generally acknowledged as the founder of environmental law as a recognized legal discipline. A working trial lawyer since 1959, he has been instrumental in establishing the Trust Doctrine, the Ninth Amendment to the Constitution and the general principles of equity jurisprudence as the cornerstones of successful environmental litigation. He has been co-chairman of the Environmental Law Committee of the American Trial Lawyers Association and chairman of the Environmental Law Committee of the American Bar Association.

4:30-5:00 p.m.

Audience participation

6:00 p.m.

Banquet in Atwood Center Ballroom. Remarks by Stewart Udall, guest of honor.

8:00 p.m.

*"The Energy-Environment Crisis"*

Speaker: *Stewart Udall*  
Stewart Hall Auditorium

Mr. Udall is former Secretary of the Interior and founder of Overview, environmental planning firm. He is the author of 1976: Agenda for Tomorrow and The Quiet Crisis. For two years Mr. Udall co-authored a nationally syndicated column on environmental issues. During the 1969-70 academic year, he was a visiting professor at Yale University, where he taught courses in environment and ecology. Mr. Udall is a 1948 graduate of the University of Arizona Law School and served as U.S. Representative for three terms before he became Secretary of the Interior in 1961.



**Saturday, April 27**

9:15 a.m.

Panel Discussion in Stewart Hall Auditorium:  
*"Energy and the Consumer"*

Moderator: *Allan E. Hassinger*  
Vice President, Environmental and Consumer Affairs  
Northern States Power Company

Participants will be the Symposium speakers.

10:30 a.m.

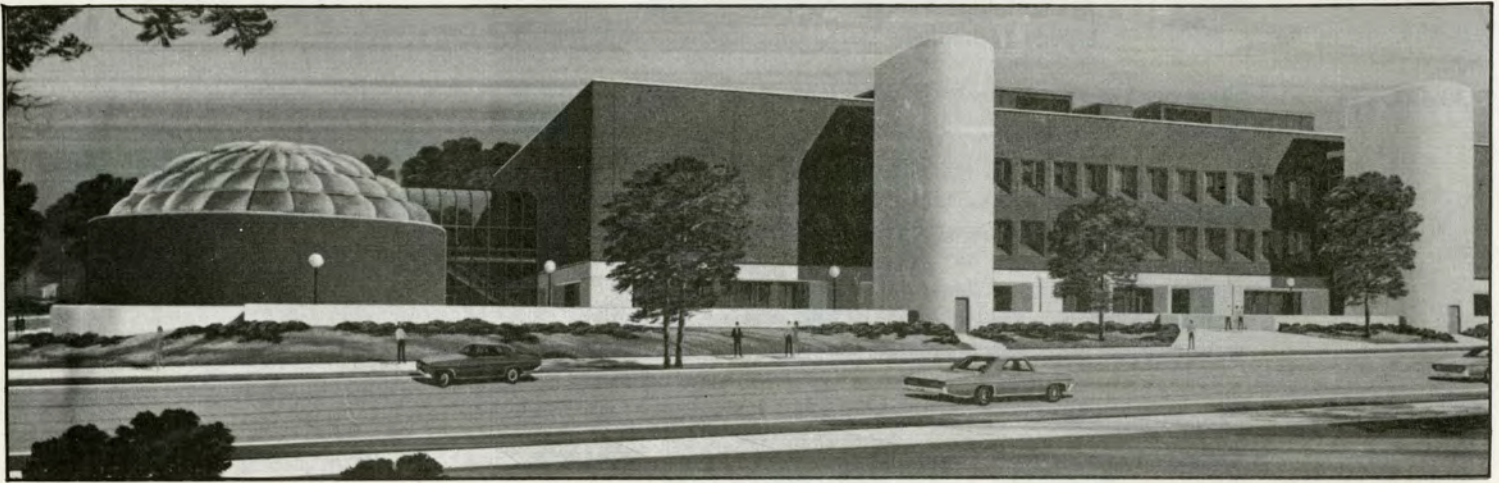
Refreshment break

10:45 a.m.

Audience participation

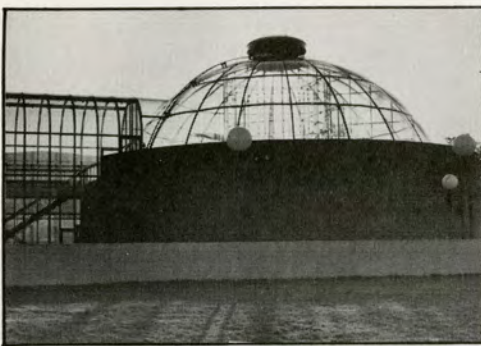
*(Symposium is supported by the National Science Foundation and Major Events Council.)*





# Dedication of Mathematics-Science Center

Saturday, April 27



- 12:00 noon-2:00 p.m. Registration in Main Lobby of Mathematics-Science Center.  
Open House on all floors of Mathematics-Science Center.
- 12:30 p.m. Luncheon in Valhalla Room, Atwood Center.
- 2:00 p.m. Dedication ceremony in Mathematics-Science Auditorium.  
Presiding: *Dr. Robert H. Wick*  
Distinguished Service Professor, St. Cloud State College,  
Chairman, St. Cloud Energy Commission.

Selections by members of St. Cloud State College Concert Choir.

Introductions

Remarks:

- Mr. Alcuin Loehr*  
Mayor, City of St. Cloud
- Dr. Frank G. Chesley*  
President, Minnesota State College Board
- Dr. G. Theodore Mitau*  
Chancellor, Minnesota State College System

Audiovisual Presentation: "A Place to Grow"

Dedication Address: *Dr. Charles J. Graham*  
President, St. Cloud State College

Platform guests will include State Senator Jack Kleinbaum and State Representatives Delbert Anderson, James Pehler and Al Patton.

Adjournment

- 3:00 p.m. Reception in Mathematics Department Library.
- 3:00 p.m. - 5:00 p.m. Open House on all floors of Mathematics-Science Center.



**TICKET INFORMATION:** Luncheon tickets are \$2.00 each. Banquet tickets are \$5.00. Tickets may be purchased at registration table or at the door.