

Proceedings

AMERICAN SOCIETY OF CIVIL ENGINEERS

MEETINGS HELD - TECHNICAL GROUPS

Computer Group

October, 15, 1980 — Dinner meeting at the MIT Faculty Club. Speaker, Professor J. S. Lazarus of Boston University. Subject, Structured Programming; how it improves production by reducing errors, and improves maintainability and understanding. Attendance, 19.

December 10, 1980 - Dinner meeting at the MIT Faculty Club. Speaker, Robert A. Wells, Jr., of Project Software and Development, Inc. Subject, the new Fortran - ANST Fortran 77. This was an official BSCE Section meeting. Attendance, 38.

Construction Group

October 2, 1980 — Dinner meeting at the MIT Faculty Club. Speaker, Peter J. Philliou, Esq., Attorney at Law. Subject, Who's at Fault; a discussion of the principles of liability with respect to construction and engineering. Attendance, 36.

December 4, 1980 — Dinner meeting at Cottage Crest Restaurant, Waltham. Speaker, Richard Reardon of the New England Division, Corps of Engineers. Subject, National Dam Safety Program and Flood Control Projects in New England. Attendance, 32.

Environmental Group

October 8, 1980 — Dinner meeting at Purcell's Restaurant, Boston, held jointly with the Society of Women Engineers. Speaker, Dr. Michael O'Hare, Director, Office of Policy and Management Analysis, Massachusetts Department of Environmental Affairs. Subject, Siting of Hazardous Waste Disposal Sites. This was also an official meeting of the BSCE Section. Attendance, 55.

Geotechnical Group

September 9, 1980 — Dinner meeting at Kennecott Copper Corporation, Lexington, held jointly with the BSCE Section's Ad Hoc Energy Committee and the Association of Engineering Geologists. Speaker, John R. Raymond, Staff Scientist, Battelle Pacific-Northwest Laboratories, Richland, Washington. Subject, Aquifer Thermal Energy Storage. This was also an official meeting of the BSCE Section. Attendance, 74.

October 7, 1980 — Dinner meeting at Mugar Hall, Tufts University. Speaker, Derek Maishmann, freezeWALL, Inc. Subject, Ground Freezing. Attendance, 47.

November 12, 1980 — Dinner meeting at the Engineers Club, held jointly with the Utility Contractors Association of New England. Panel discussion: Francis T. Bergin, Chief Engineer, Construction Division, Metropolitan District Commission; William S. Zoino, Principal, Goldberg Zoino & Associates, Inc.; and Denis M. Foley, Vice President, J. F. White Contracting Company, Inc. Subject, Sewers in Poor Soil Conditions — Improving Practice for the Eighties. Attendance, 110.

Geotechnical Group Lecture Series — The Geotechnical Group, with cooperation of MIT, will sponsor a series of six lectures on ground waste hydrology, beginning on March 10, 1981. The lectures are from universities and from industry.

Hydraulics Group

October 22, 1980 — Evening meeting at the Ralph M. Parsons Water Resources Laboratory, MIT. Speaker, Dr. Peter Larsen, Director, Hydraulics Laboratory, Swedish State Power Board. Subject, Swedish experience in the development of solar energy storage utilizing heated water stored in man-made rock caverns. Attendance, 22.

November 22, 1980 (Saturday) — Site visit to the new hydroelectric station at the Essex Dam on the Merrimack River. Attendance, 36.

December 17, 1980 — Evening meeting at the Ralph M. Parsons Water Resources Laboratory, MIT. Speakers, Dr. E. Eric Adams, Research Engineer and Lecturer, MIT and Dr. Dominique N. Brocard, Research Engineer, Alden Research Laboratory. Subject, Combined Use of Physical and Mathematical Modeling in Evaluating Effects of Pumped Storage Operation on a Reservoir. Attendance, 10.

Hydraulics Group Lecture Series — The Hydraulics Group, with cooperation of MIT, is sponsoring a series of six lectures on small scale hydro power, with lecturers from the U.S. Corps of Engineers, industry and a law school.

Structural Group

October 1, 1980 — Evening meeting at the Center for Advanced Engineering Studies, MIT. Speaker, Prof. Stanley T. Rolfe, Department of Civil Engineering, University of Kansas, recipient of this year's T.R. Higgins Award of the American Institute of Steel Construction. Subject, the T.R. Higgins Lecture entitled Fracture and Fatigue Control in Steel Structures. Attendance, 110.

December 3, 1980 — Evening meeting at Barnum Hall, Tufts University. Speaker, Brice Bender, of BVN/STS Consulting Engineers, Indianapolis, Indiana. Subject, Design and Construction of a concrete segmental bridge, Zilwaukee, Michigan. Attendance, 70.

Transportation Group

September 25, 1980 — Dinner meeting at Nick's Restaurant, Boston. Speakers, Justin Radlo, Chief Engineer, Massachusetts Department of Public Works; Martin Weiss, Chief Engineer, Metropolitan District Commission; Richard Dempsey, Director of Construction, Massachusetts Bay Transportation Authority; and David Weiner, Director of Engineering, Massachusetts Port Authority. Subject, The Consultant Selection Process. Attendance, 120.

November 13, 1980 — At Polcari's Restaurant. Speaker, Joseph Fitzpatrick, Executive Office of Energy Resources. Subject, Current Transportation Strategies in Dealing with the Energy Crisis. This was also part of the Section's Monthly Luncheon Series, and an official Section meeting. Attendance, 51.

MONTHLY LUNCHEONS

October 16, 1980 — The first in this year's monthly luncheon series was held at The Great Hall, Quincy Market, Boston. Speaker, Peter J. Gianacakes, President, Metcalf & Eddy. Subject, Consulting Engineering in the 1980's: Changes, Challenges, Opportunities, Attendance, 58.

November 13, 1980 — See report above of luncheon meeting on this date co-sponsored by the Transportation Group.

December 9, 1980 — The second in the current monthly series was held at The Great Hall, Quincy Market. Speaker, Joseph Ward of Converse, Ward, Davis, Dixon, Inc.; Past President, ASCE. Subject, Professional Societies: Are they Headed in the Right Direction? Attendance, 47.

LECTURE SERIES

Refresher Course — The BSCE Section, with cooperation of MIT, is again sponsoring refresher courses for engineers preparing to take examinations for professional registration. The first of the two sets of lectures in the 1980-1981 season began on September 23, 1980, continuing for twelve weekly sessions. The second set will begin on February 12, 1981.

Geotechnical Group and Hydraulic Group Lecture Series — (See above under respective group headings.)