

TESTING FORUM

Committee D-18 News

Call for Papers

Papers are sought for a one day International Symposium on impermeable Barriers for Soil and Rock, to be held 25 June 1984 in Denver, CO. The symposium is sponsored by the Subcommittee on Impermeable Barriers of ASTM Committee D-18 on Soil and Rock and co-sponsored by the United States Committee on Large Dams of the International Commission on Large Dams. The symposium will be followed on 26-28 June 1984 by the semi-annual meeting of the 30 subcommittees of Committee D-18.

The symposium will provide a forum for presentation of papers and discussion by international specialists regarding the research and practice on methods for installation and field and laboratory testing of impermeable barriers in soil and rock. The interaction of the entire system of soil or rock containment, impermeable barrier, and the enclosed fluids will be explored in relation to geotechnical engineering projects, such as slurry walls, tailings and waste-containment ponds, landfills, solar and biomass ponds, ditches, canals, and reservoirs.

Increasing interest in such installations has created an accelerated demand for specifications, testing methods, and recommended practices for all types of impermeable barriers. Thus, this symposium will attempt to meet these needs with presentations that will lead to development of consensus standards in this field.

A nonprofit organization based in Philadelphia, ASTM is a world leader in the development of voluntary consensus standards for soil and rock through Committee D-18.

Because the field of impermeable barriers is so broad and complex, this one-day symposium is the first in a planned series of symposia on the subject, and thus will be limited in scope.

Prospective authors are requested to prepare a one to two page abstract, including the title, authorship, and a text summarizing the paper, to be sent by 16 July 1983 to N. J. Cavalli, ICOS Corporation of American, 4 West 58th Street, New York, NY 10019, for slurry wall papers; and to C. B. F. Pettersson, Brown & Root, Inc., P.O. Box 3, Houston, TX 77001, for papers on earth/earth

additive liners. Authors will be notified of acceptance by 20 Aug. 1983. Full manuscripts will be due no later than 3 Dec. 1983.

Accepted abstracts may be printed and distributed at the symposium with the approval of the symposium chairman. ASTM Paper Submittal Forms are available from Cavalli, Pettersson, or Kathy Green, ASTM Publications Division, 1916 Race Street, Philadelphia, PA 19103, 215/299-5414.

Acceptance of papers for presentation does not ensure acceptance for a publication. Papers will be considered for formal presentation or poster session. Those papers approved by a papers review committee will be published in a Special Technical Publication (STP) to be released by ASTM. The official language of the oral presentation and the publication will be English.

This symposium will be preceded by an International Conference on Geomembranes (synthetic liners) to be held in Denver, CO, 20-23 June 1984. A number of interesting tours are planned for the weekend between the symposium and the conference. The conference is sponsored by the Industrial Fabrics Association International, with the cooperation of ASTM and other organizations.

Persons interested in participating in the Symposium on Impermeable Barriers for Soil and Rock may obtain additional information on the symposium and preceding geomembrane conference by contacting one of the symposium co-chairmen: A. Ivan Johnson, Woodward-Clyde Consultants, Harlequin Plaza North, 7600 E. Orchard Road, Englewood, CO 80111, U.S.A., 303/694-2770; or R. K. Frobels, U.S. Bureau of Reclamation, MC 1521, P.O. Box 25007, Denver Federal Center, Denver, CO 80225, U.S.A., 303-234-3152.

Symposium

The 25th Symposium on Rock Mechanics entitled, "Rock Mechanics in Protection and Productivity," will be held during 25-27 June 1984 at Northwestern University, Evanston, IL. A call for papers will be issued June 1983. For information, contact Professor Charles H. Dowding, Department of Civil Engineering, Northwestern University, Evanston, IL 60201, 312/492-7270.

ASTM Committee D-18 on Soil and Rock

Scope

The promotion of knowledge; stimulation of research; the development of specifications and methods for sampling and testing; and the development of nomenclature, definitions, and practices relating to the properties and behavior of soil, rock, and the fluids contained therein. Excluded are the uses of rock for building stone and for constituent materials in portland cement and bituminous paving and structures coming under the jurisdiction of other committees. Included are the properties and behavior of: (1) soil-like materials such as peats and related organic materials, (2) geotextiles, and (3) fluids occupying the pore spaces, fissures, and other voids in soil and rock insofar as such fluids may influence the properties, behavior, and uses of the soil and rock materials.

Officers

Chairman: Adrian Pelzner, U.S. Agricultural Forest Service, Engineering Div., P.O. Box 2417, Washington, DC 20013.

First Vice-Chairman: Robert C. Deen, University of Kentucky, Kentucky Transportation Research Program, Transportation Research Bldg., Lexington, KY 40506.

Second Vice-Chairman: R. E. Gray, William Penn Estates, R. D. No. 4, 8 Black Walnut Dr., Greensburg, PA 15607.

Third Vice-Chairman: W. G. Shockley, 326 Lake Hill Dr., Vicksburg, MS 39180.

Secretary: D. A. Tiedemann, U.S. Interior Water and Power, Resources Service D1543, DFC Box 25007, Denver, CO 80225.

Membership Secretary: R. J. Stephenson, U.S. Army Corps of Engineers Div. Lab., P.O. Box 51, Marietta, GA 30060.

Subcommittees and Their Chairmen

TECHNICAL

D18.01 Surface and Subsurface Reconnaissance

C. P. Fisher, Jr.

D 18.02 Sampling and Related Field Testing for Soil Investigations

H. E. Davis

D18.03 Texture, Plasticity, and Density Characteristics of Soils

R. S. Ladd

D18.04 Hydrologic Properties of Soil and Rock

C. O. Riggs

D18.05 Structural Properties of Soils

S. K. Saxena

D18.06 Physico-Chemical Properties of Soils and Rocks

G. R. Olhoeft

D18.07 Identification and Classification of Soils

C. W. Britzius

D18.08 Special and Construction Control Tests

J. R. Talbot

D18.09 Dynamic Properties of Soils

M. L. Silver

D18.10 Bearing Tests of Soils in Place

D18.11 Deep Foundations

F. M. Fuller

D18.12 Rock Mechanics

H. J. Pincus

D18.13 Marine Geotechnics

R. C. Chaney

D18.14 Geotechnics of Waste Management

T. F. Zimmie

D18.15 Stabilization by Additives

M. C. Anday

D18.16 Chemical Grouting

R. H. Karol

D18.17 Rock for Erosion Control

K. L. Saucier

D18.18 Peats and Organic Soils

P. M. Jarrett

D18.19 Geotextiles and Their Applications

G. Raumann

D18.20 Impermeable Barriers

A. I. Johnson

ADMINISTRATIVE

D18.91 Editorial

R. C. Deen

D18.92 Papers

E. T. Selig

D18.93 Nomenclature for Soil and Rock Mechanics

A. I. Johnson

D18.94 Education and Training

N. O. Schmidt

D18.95 Information Retrieval and Data Automation

Carl D. Tockstein

D18.96 Research Steering and Standards Development

W. G. Shockley

D18.97 Special Awards

C. B. Crawford

D18.98 Hogentogler Award

R. E. Gray

D18.99 Quality Control

L. P. Kaufman