

SPEAKER



Darby Howard, Jr., P.E. will be the presenter for this seminar. He is a degreed and licensed Civil Engineer and Corrosion Engineer in California with over 30 years of engineering experience. Mr. Howard is the President and Owner of JDH Corrosion Consultants, Inc.; a Corrosion Engineering Consulting Firm located in Concord, California. He is also the President of CERCO Analytical, Inc.; an environmental laboratory in California that specializes in corrosivity analysis of soil and water.

Mr. Howard specializes in assisting clients develop strategies, budgets and schedules for implementation of long term corrosion control programs for protecting aging infrastructure.

This seminar can be set up at your facility or at our office in Concord, whichever is most convenient for your company. To schedule a date for this interesting and informative seminar, please contact Darby Howard at dhoward@jdhcorrosion.com.

JDH Corrosion Consultants, Inc. is an engineering company specializing in providing corrosion consulting services to clients in the fields of water and wastewater treatment and transmission, bridges, pier, piling and other off-shore marine structures, mining and minerals, aerospace, petroleum refining and distribution, electric power generation, transportation industry, municipalities and state and federal government agencies.

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CERCO Analytical, Inc. is a laboratory that specializes in corrosivity analysis of soil and water. We are certified by the State of California—Department of Health Services (Certification No.2153) for microbial and inorganic chemical analysis of water, contaminants of drinking water and waste water.

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WHAT GEOTECHNICAL ENGINEERS SHOULD KNOW ABOUT SOIL TESTING & CORROSION



FREE INFORMATIONAL SEMINAR

JDH Corrosion Consultants, Inc. is offering a free seminar entitled “What the Geotechnical Engineer should know about Soil Testing and Corrosion” presented by Darby Howard, Jr., P.E., of JDH Corrosion Consultants, Inc.

The theory of corrosion from an electro-chemical standpoint will be briefly described along with examples of the various types of corrosion. How corrosion is closely related to specific soil conditions will also be discussed.

Case histories of projects throughout Northern California will be presented that demonstrate the widely varying soil conditions and their impact on structures and underground utilities.

You will learn what soil parameters are important with respect to anticipating corrosion problems, how to work with an environmental laboratory and how to properly evaluate sites for corrosivity with respect to reinforced concrete foundations, pile-supported structures and underground pipelines, retaining walls and other types of structures.



soil box resistivity test



corrosion protection of buried firewater line

measurement of In-Situ Soil Resistivity



severe corrosion of buried firewater line



corrosion protection of buried water lines - Hospital in San Francisco



cathodic protection of a building support structure

severe pitting corrosion on buried copper water lines



impressed current cathodic protection system installation