

Three-Day Virtual Seminar

Register Today

at

IFAI.com/WCSD

DATE

Oct. 20-22, 2020

REGISTRATION

Government \$25

Non-Government \$50

Register online at IFAI.com/WCSD. Registration includes all education sessions, industry presentations, and **12 PDHs** to meet state professional engineering licensure requirements.

Questions?

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or contact David Suits, LDS
Geosynthetic Consulting Services at
geosyntheticsguy@gmail.com
or 518 869 2917.

We're going virtual for 2020!

Waste Containment System Design

Understanding the Critical Role of Geosynthetic Materials

OBJECTIVE

This three-day webinar schedule is an opportunity to hear from leading experts in six two-hour presentations; to provide attendees with a deeper working knowledge of surface and subsurface flows of stormwater impinging on landfill closures. This discussion will go beyond slope stabilization using the infinite slope formula. Various design approaches and details will be discussed to show how they either hinder or promote the long-term stability of the soil cover.

WHO SHOULD ATTEND

Landfill design engineers, construction supervisors, landfill owners and operators, regulatory agency staff and public works and municipal engineers will all benefit from this seminar. This seminar is uniquely developed to benefit both the experienced as well as newly hired practitioners in the field of waste containment design and construction.

ABOUT THE INSTRUCTORS



Principal Instructor, **Robert (Bob) Mackey, P.E.** BCEE, Principal, S2L, Incorporated. Mr. Mackey is a Past Chairman of ASTM D35 Committee on Geosynthetics with 35+ years of solid waste facility design experience. He is a former adjunct Professor at the University of Central Florida, ASCE Continuing Education Course Instructor and ABET Program Evaluator for Civil/Environmental Engineering Programs.



Electrical Leak Detection Instructor, **Abigail Gilson, P.E.**, Senior Engineer, TRI Environmental, Inc. has over seventeen years of diverse civil engineering experience and is a registered Civil Engineer in multiple states including New York, where she resides. She spent the first part of her career as a containment facility design engineer and joined TRI in 2012 to focus solely on the implementation and innovation of electrical leak location technologies. She has over fourteen years and 160 million square feet of electrical leak location experience. Her contribution to the field of electrical leak location includes numerous published technical papers, educational seminars, presentations worldwide, and chairing the ASTM committee for the recent revisions and additions to the ASTM Standard Guide and Practices.



Regulatory Instructor, **Robert Phaneuf, P.E.**, is the Assistant Director of New York State's Department of Environmental Conservation's Division of Materials Management and has worked in the field of solid waste management in a regulatory oversight role for over 40 years. Bob's primary duties have included: formulation of statewide solid and hazardous waste management policy and regulation including supervision of technical and administrative evaluations of applications to construct and operate solid and hazardous waste management facilities throughout New York State. Since 1988, Bob has been a key member of the Division's rule-making team for the State's solid waste management regulations.

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Session Breakdown

Waste Containment System Design

SESSION 1

Oct. 20, 2020 | 9–11 am CT

Welcome and Introduction | 15 mins | Dave Suits and Fred Chuck

Review of NYS DEC Regulations | 1 hour | Bob Phaneuf

Landfill Closure Design I | 1 hour | Bob Mackey

SESSION 2

Oct. 20, 2020 | 1–3 pm CT

Landfill Closure Design II | 2 hours | Bob Mackey

SESSION 3

Oct. 21, 2020 | 9–11 am CT

ASTM Standards | 2 hours | Bob Mackey

SESSION 4

Oct. 21, 2020 | 1–3 pm CT

Landfill Leakage and Electrical Leak Location | 2 hours | Abigail Gilson

SESSION 5

Oct. 22, 2020 | 9–11 am CT

Additional Sources of Design and Construction Information | 1 hour | Bob Mackey

Design, Specifications, CQA, and Their Integration I | 1 hour | Bob Mackey

SESSION 6

Oct. 22, 2020 | 1–3 pm CT

Design, Specifications, CQA, and Their Integration II | 2 hours | Bob Mackey

Wrap Up | 15 mins. | Dave Suits and Fred Chuck



The Geosynthetic Materials Association (GMA), a division of the Industrial Fabrics Association International (IFAI), is the central resource for information on geosynthetics. GMA provides a forum for consistent and accurate information to increase acceptance and promote the correct use of geosynthetics.

GMA actively identifies, assesses, analyzes and acts upon market growth opportunities and issues that affect its member companies.

Activities center on five areas: engineering support, business development, education, government relations and industry recognition.