JOIN US AND BE A PART OF OUR INDUSTRY’S ADVANCEMENT!

FEBRUARY 26–28, 2019
Colorado Convention Center | Denver, CO

EARLY BIRD REGISTRATION ENDS 1/31/19

REGISTER TODAY AT: RemTECSummit.com
Most Sincerely,

Geosyntec Consultants
Rula A. Deeb
Drexel University
Joseph B. Hughes
Brown University
Kurt Penell
Drexel University

THE 2019 REMTEC SUMMIT WILL BE BACK IN DOWNTOWN DENVER!

Since 2009, the RemTEC Summit has delivered a truly unique platform focused on advancing the environmental science and remediation industry. RemTEC has never been your standard environmental trade show.

Dedicated to the vigorous exchange of ideas on environmental remediation science and technology, this Summit draws leaders from academia and the regulatory community, site owners and environmental professionals. In 2019 RemTEC will continue to feature the world’s leading experts, as well as introduce essential sources of information, technology, application and policy.

Based on the positive feedback in 2017, we are excited to once again host the biennial RemTEC Summit in downtown Denver at the Colorado Convention Center. The Colorado Convention Center is located within easy walking distance to hotel rooms, restaurants, as well as various theaters, professional sports arenas and shopping outlets.

At the 2019 RemTEC Summit you will

• DISCOVER cutting-edge developments based on completed projects and/or conclusive evidence within the environmental science, remediation and drilling industries.

• LEARN from focused and relevant presentations on current theoretical and practical aspects of environmental science and remediation as well as related industry-specific topics of interest.

• CONNECT and network FACE-TO-FACE with hundreds of top industry professionals. With two receptions, breakfasts, lunches and various networking breaks, you’ll have the chance meet with new industry contacts and further establish existing business relationships.

Don’t miss out this February as we continue to serve the remediation pros that have made RemTEC Summit a success and broaden our look at the industry. We hope you’ll join us for this exciting next step!

Most Sincerely,

RemTEC Summit Chairs

Rula A. Deeb
Geosyntec Consultants
Joseph B. Hughes
Drexel University
Kurt Penell
Brown University

OPENING KEYNOTE | Tuesday, February 26, 2019
Conference Keynote Address

Maureen Sullivan
Office of the Assistant Secretary of Defense

Maureen Sullivan is the Deputy Assistant Secretary of Defense for Environment, in the Office of the Assistant Secretary of Defense (Sustainment). She is responsible for DoD’s policies and programs related to compliance with environmental laws, greenhouse gas accounting and climate change adaptation, management of natural and cultural resources, cleanup of contaminated sites including emerging contaminants, and more. Sullivan oversees SERDP/ESTCP, as well as the Air Force Research Laboratory’s Force Management Board and the DoD Explosives Safety Board. While her total DoD career spans 35 years, for the past 25 years, Sullivan has served in various leadership positions as a member of the Office of the Secretary of Defense environmental staff, and possesses wide ranging experience in numerous DoD environmental programs to include Pollution Prevention, Environmental Compliance, Historic Preservation, and the Clean Air Act.

CLOSING KEYNOTE | Thursday, February 28, 2019
US EPA’s Science-Based Approach to Understanding and Managing Environmental Risk from PFAS

Andrew Gillespie Ph.D.
U.S. EPA National Exposure Research Laboratory
Executive Lead for PFAS Research and Development, U.S. EPA

In response to growing public concern about risks from exposure to Per- and Polyfluoroalkyl Substances (PFAS), in May 2018 the U.S. EPA convened a National Leadership Summit which brought together a broad cross section of stakeholders to share information and to discuss possible actions, including risk communication. At this meeting, the Administrator committed to developing an EPA PFAS Management Plan based in part on information collected through a series of public engagements which took place over the summer of 2018. EPA has developed a strong research agenda organized around (1) understanding PFAS occurrence and exposure; (2) understanding the human health and ecological effects of exposure to PFAS; and (3) understanding options reduce exposures through treatment and remediation. This presentation will discuss EPA’s approach in general, then focus specifically on the different lines of research, development, and technical assistance work being conducted to enable EPA and our partners at the State, Tribal, and Community level to take action on PFAS.

PANEL DISCUSSION | Wednesday, February 27, 2019
Key Remediation Advances and What’s Left for Us to Do?

Moderator: John Edgcomb, Edgcomb Law Group, LLP
Panelists: Andrea Leeson, SERDP & ESTCP; Brian Noonan, Anadarko Petroleum Corporation; Steven Shestag, The Boeing Company; Peter Zeeb, President and CEO, Geosyntec Consultants

This panel discussion will feature speakers with decades of experience in the environmental industry. The panelists will focus on key advances that the remediation industry has seen over the last twenty years and will also highlight remaining challenges (e.g., technical, economical, etc.) for site restoration. The panel will be moderated by John Edgcomb, a top rated environmental attorney in California. Panelists include Steven Shestag (The Boeing Company) and Brian Noonan (Anadarko Petroleum Corporation) who will provide site owner perspectives, Dr. Andrea Leeson (SERDP & ESTCP) who will provide a Department of Defense research and development perspective, and Dr. Peter Zeeb (Geosyntec Consultants) who will provide a practitioner perspective. A pending speaker will provide a regulatory perspective.
Educational Program Developed for the Industry BY the Industry

The RemTEC Summit educational content has been selected and developed in large part by the 2019 Scientific Advisory Board (SAB). This highly motivated, volunteer group is made up of industry leaders and stakeholders within the academic, government, regulatory and consulting communities.

**SAB CO-CHAIR: Rula Deeb**
Geosyntec Consultants

**SAB CO-CHAIR: Joseph Hughes**
Drexel University

**SAB: Lisa Alvarez-Cohen**
University of California, Berkeley

**SAB: Lisa Alvarez-Cohen**
Geosyntec Consultants

**SAB: Kent Glover**
Air Force Civil Engineer Center

**SAB: James Henderson**
Percept Corporation

**SAB: Chris Higgins**
Colorado School of Mines

**SAB: Joseph Hughes**
Drexel University

**SAB: Michael Kavanaugh**
Geosyntec Consultants

**SAB: Andrea Leeson**
SERDP & ESTCP

**SAB: James L’Esperance**
Northrop Grumman Corporation

**SAB: Shaily Mahendra**
University of California, Los Angeles

**SAB: Ravi Naidu**
CRC CARE

**SAB: Kurt Pennell**
Brown University

**SAB: Patricia Catherwood-Reyes**
Interstate Technology Regulatory Council

**SAB: Claudia Walecka-Hutchison**
The Dow Chemical Company

**SAB: John Wilson**
ESI Engineering

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### 2019 AGENDA AT-A-GLANCE

**TUESDAY, FEBRUARY 26**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30 AM – 8:30 AM</td>
<td>Registration &amp; Continental Breakfast</td>
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<tr>
<td>8:30 AM – 9:30 AM</td>
<td>CONFERENCE KEYNOTE ADDRESS: Maureen Sullivan, Deputy Assistant Secretary of Defense</td>
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<tr>
<td>9:30 AM – 10:05 AM</td>
<td>Student Flash Poster Presentations</td>
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<tr>
<td>10:05 AM – 10:35 AM</td>
<td>Morning Networking Break</td>
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<tr>
<td>10:35 AM – 12:14 PM</td>
<td>TRACK 1 (RemTEC)</td>
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<tr>
<td>12:15 PM – 1:40 PM</td>
<td>Lunch</td>
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<tr>
<td>1:40 PM – 2:45 PM</td>
<td>TRACK 2 (RemTEC)</td>
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<tr>
<td>2:45 PM – 3:15 PM</td>
<td>Afternoon Networking Break</td>
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<tr>
<td>3:15 PM – 5:00 PM</td>
<td>TRACK 3 (RemTEC)</td>
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<tr>
<td>5:00 PM – 6:30 PM</td>
<td>Welcome Reception on Exhibit Hall Floor</td>
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**WEDNESDAY, FEBRUARY 27**

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<td>TRACK 2 (RemTEC)</td>
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<tr>
<td>12:15 PM – 1:45 PM</td>
<td>Lunch</td>
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<tr>
<td>1:45 PM – 3:25 PM</td>
<td>TRACK 3 (RemTEC)</td>
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<td>3:25 PM – 3:55 PM</td>
<td>Afternoon Networking Break</td>
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<tr>
<td>3:55 PM – 5:00 PM</td>
<td>TRACK 4 (RemTEC)</td>
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**THURSDAY, FEBRUARY 28**

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<td>Registration &amp; Continental Breakfast</td>
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<tr>
<td>8:30 AM – 9:25 AM</td>
<td>CONFERENCE KEYNOTE: Dr. Andrew Gilkey, Office of the Director, EIPs National Exposure Research Laboratory</td>
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<tr>
<td>9:25 AM – 9:35 AM</td>
<td>Student Competition Award Winner Announcement</td>
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<td>9:35 AM – 10:00 AM</td>
<td>Morning Networking Break</td>
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<tr>
<td>10:00 AM – 12:15 PM</td>
<td>TRACK 1 (RemTEC)</td>
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<tr>
<td>12:15 PM – 2:45 PM</td>
<td>HIGH RESOLUTION SITE CHARACTERIZATION</td>
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<tr>
<td>2:45 PM – 3:15 PM</td>
<td>LIGHT NON-AQUEOUS PHASE LIQUIDS REMEDIATION</td>
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<tr>
<td>3:15 PM – 5:00 PM</td>
<td>TRACK 3 (RemTEC)</td>
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<tr>
<td>5:00 PM – 6:30 PM</td>
<td>NETWORKING RECEPTION ON EXHIBIT HALL FLOOR</td>
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**TRACK 1 (RemTEC):**

- Biological Treatment
- Vapour Intrusion
- LNAPL and DNAPL Source Zone Characterization and Remediation
- Complex and Unique Sites
- High Resolution Site Characterization
- Chemical Oxidative and Reductive Treatment
- Per- and Polyfluoroalkyl Substances (PFAS) *additional fee applies*

**TRACK 2 (RemTEC):**

- Innovative and Optimized Delivery Methods
- Emerging Contaminants: 1,4-Dioxane, 1,2,3-TCP and Others
- Metals and Radionuclides
- Complex Sites

**TRACK 3 (RemTEC):**

- Key Advances in Analysis Characterization and Treatment
- Characterization and Remediation of Fractured Rock
- Characterization and Remediation of Fractured Rock Continued
- Light Non-Aqueous Phase Liquids Remediation

**TRACK 4 (RemTEC):**

- Characterization and Remediation of Fractured Rock
- Complex Sites
- PFAS: Key Advances in Analysis Characterization and Treatment Continued
- Complex Sites Continued

**ITRC WORKSHOPS: STREETWORKS**

- Characterization and Remediation of Fractured Rock
- Characterization and Remediation of Fractured Rock Continued
- Chemical Oxidative and Reductive Treatment
- Per- and Polyfluoroalkyl Substances (PFAS) *additional fee applies*
The RemTEC Summit has negotiated the best rates at the Embassy Suites in Downtown Denver near the Colorado Convention Center for event participants. The RemTEC Summit housing block cutoff date for preferred rates is February 8, 2019 or until group block is sold out, whichever comes first. Rooms at group rate are available on a first-come, first-served basis so it is strongly encouraged that you book early.

Visit www.remtecsummit.com/travel for more information!

*Presenters must register online using the discount code that was provided to them in their confirmation letter.

**Students must provide proof of student status.

Colorado Convention Center
700 14th St | Denver, CO 80202

Register Now At RemTECSummit.com

2019 REGISTRATION TYPES & FEES

<table>
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<th>Early Bird (before 1/31/19)</th>
<th>Standard (after 1/31/19)</th>
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<tr>
<td>Attendee</td>
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<td>$795</td>
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<tr>
<td>Poster Presenter*</td>
<td>$595</td>
<td>$695</td>
</tr>
<tr>
<td>Platform Presenter*</td>
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<td>$595</td>
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<tr>
<td>Student**</td>
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<td>$295</td>
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**Students must provide proof of student status.

HOTEL ACCOMMODATIONS

Embassy Suites Denver Downtown Convention Center
1420 Stout Street | Denver, CO 80202 | 303-592-1000

Staying at this hotel affords you the best networking possible in order to round out your RemTEC Summit experience as you connect with colleagues outside of the convention center.
SPECIAL THANKS TO OUR SPONSORS, PARTNERS, AND EXHIBITORS!

(As of 1/14/19)

<table>
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<tr>
<th>2019 SPONSORS</th>
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<tr>
<td>PLATINUM SPONSOR</td>
<td>Geosyntec consultants</td>
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<td>BRONZE SPONSOR</td>
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<tr>
<td>SUPPORTING SPONSOR</td>
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</table>

EARLY BIRD REGISTRATION ENDS 1/31/19

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