The Strategic Environmental Research and Development Program (SERDP) and Environmental Security Technology Certification Program (ESTCP) Symposium is a nationally recognized conference focusing on the Department of Defense’s priority environmental and installation energy issues. The 2019 Symposium will highlight SERDP and ESTCP’s recent efforts to enhance mission capabilities, reduce costs, and improve environmental and energy performance.

Information

Symposium Registration, Check-in, and Information
Convention Registration Desk
MONDAY 3:00pm - 8:00pm
TUESDAY 7:00am - 6:00pm
WEDNESDAY 7:00am - 6:00pm
THURSDAY 7:00am - 2:00pm

SEMS Information Desk
Convention Registration Desk
SEMS users are welcome to drop in and have questions answered by the experts.
TUESDAY 7:00am - 5:00pm
WEDNESDAY 7:00am - 5:00pm

Download the AttendeeHub Symposium App!
Get access to the Symposium schedule, speaker profiles, and an event news feed all on your phone.

Tuesday, December 3

Breakfast  Marriott Ballroom
7:00am - 8:30am

Plenary Session  Marriott Ballroom
8:30am - 11:45am
8:30am - 8:45am  Symposium Opening
Dr. Herbert Nelson
8:45am - 9:05am  OSD Address
Hon. Al Shaffer
9:05am - 9:15am  Keynote Address
Dr. Jeffrey Marqusee
9:15am - 9:35am  Keynote Address
Hon. Alex Beehler
9:35am - 10:00am  Keynote Address
Hon. Sherri Goodman
10:00am - 10:15am  Break
10:15am - 11:00am  Keynote Address
Dr. Susan Hockfield
11:00am - 11:40am  Presentation of the Project-of-the-Year Awards
Dr. Herbert Nelson, Dr. Andrea Leeson, Dr. Robin Nissan, Mr. Timothy Tetreault, Dr. Kurt Preston, Dr. David Bradley
11:40am - 11:45am  Plenary Session Closing
Dr. Andrea Leeson
11:45am  Adjourn

Poster Session  Exhibit Hall A
11:45am - 1:45pm
Poster Session (Group 1) & Booths Open

Lunch  Marriott Ballroom
11:45am - 12:45pm

Dessert  Exhibit Hall A
12:30pm - 1:30pm

Afternoon Technical Sessions
1:45pm - 5:00pm
Energy Resilience Session 1 - Outlook and Applications of Distributed Energy Resources
Delaware A
Latest Innovations in Materials and Removal Processes for Sustainable Military Finishing Systems
Delaware B
Field Demonstrations of Technologies for Treatment of Contaminated Groundwater Plumes
Virginia
Making and Breaking Boundaries in Emulsions
Maryland A
Infrastructure and Resilience
Maryland B/C

Technical Exchange Reception  Exhibit Hall A
5:00pm - 7:30pm
Poster Session (Group 1) & Booths Open

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### Wednesday December 4

**Breakfast**  
Marriott Ballroom  
7:30am - 8:30am

**Morning Technical Sessions**  
8:30am - 11:45am
- Energy Resilience Session 2 - Building Energy and Water Efficiency Solutions  
  *Delaware A*
- Expeditionary Additive Manufacturing for Operational Readiness  
  *Delaware B*
- Recent Advancements in Management of Contaminated Sediments and Stormwater  
  *Virginia*
- Underwater UXO: Classification and Detection  
  *Maryland A*
- Threatened, Endangered, and Invasive Species  
  *Maryland B/C*

**Poster Session**  
Exhibit Hall A  
11:45am - 1:45pm
Poster Session (Group 2) & Booths Open

**Lunch**  
Marriott Ballroom  
12:00pm - 1:00pm

**Dessert**  
Exhibit Hall A  
12:30pm - 1:30pm

**Afternoon Technical Sessions**  
1:45pm - 5:00pm
- The Future of Energetic Formulation, Characterization, and Manufacturing  
  *Delaware B*
  *Virginia*
- Underwater UXO: Environmental Characterization for Burial and Mobility Modeling  
  *Maryland A*
- Ecosystem Dynamics  
  *Maryland B/C*
- Military Energy Resilience Catalyst (MERC) Reverse Pitch Session  
  *Washington 3*

**Technical Exchange Reception**  
Exhibit Hall A  
5:00pm - 7:30pm
Poster Session (Group 2) & Booths Open

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### Thursday, December 5

**Breakfast**  
Marriott Ballroom  
7:30am - 8:30am

**Morning Technical Sessions**  
8:30am - 11:45am
- Sustainment and Sustainability  
  *Delaware B*
- PFAS: State-of-the-Art Research & Development in Sampling, Analysis, Treatment & Effects (Part 2)  
  *Virginia*

**Morning Short Courses**  
8:30am - 11:45am
- Navigating RMF  
  *Delaware A*
- Infrastructure Resilience Planning Update  
  *Maryland A*
- UAV Utilization in Resource Conservation  
  *Maryland C*
- Facility-Related Control System RMF Self-Assessment Tool  
  *Maryland B*

**Funding Opportunities: How to Partner with SERDP & ESTCP**  
Washington 4  
12:00pm - 1:30pm
Registration Required

**Afternoon Short Courses**  
1:45pm - 4:00pm
- TSCA and REACH Regulatory Developments  
  *Maryland A*
- Guidance and Tips for Preparing Preproposals and Proposals  
  *Delaware A*
  *Maryland C*

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Times and room locations are subject to change.  
Please check the SERDP & ESTCP Symposium AttendeeHub app for the latest schedules.
December 3, 2019

Topic Areas

1. Microgrids & Energy Storage
2. Noise and Emissions
3. Natural Resources
4. Infrastructure Resiliency
5. Cybersecurity
6. Munitions Response
7. Waste Reduction & Treatment
8. Surface Engineering & Structural Materials
9. Wastewater & Drinking Water
10. Risk Assessment
11. Contaminants on Ranges
12. Contaminated Groundwater & Sediments

Exhibitor Booths

SERDP ESTCP: 999
Noblis: 1000
Arcadis: 1001
Savron: 1002
MuniRem: 1003
ECT2: 1004
EPA: 1006-1005
NAVFAC EXWC: 1007
Savron: 1002
Arcadis: 1001
MuniRem: 1003
ECT2: 1004
EPA: 1006-1005
NAVFAC EXWC: 1007
Savron: 1002
Arcadis: 1001
MuniRem: 1003
ECT2: 1004
EPA: 1006-1005
NAVFAC EXWC: 1007

Poster Session & Booth Exhibitors

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December 4, 2019

Topic Areas

1. Energy and Water Efficiency
2. Natural Resources
3. Munitions Response
4. Energetic Materials & Munitions
5. Waste Reduction and Treatment
6. AFFF Alternatives
7. PFAS Management & Treatment

Exhibitor Booths

SERDP ESTCP: 999
Noblis: 1000
Arcadis: 1001
Savron: 1002
MuniRem: 1003
ECT2: 1004
EPA: 1006-1005
NAVFAC EXWC: 1007
Chemeon: 1008
Geosyntec: 1009
ES3: 1010
Fend: 1012

Exhibitor Booths

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