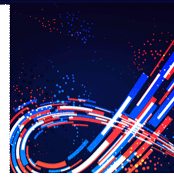


2022 JETC Warfighter Seminars In-Brief

HOUSEKEEPING NOTES & TIPS

- ✓ **Take Note of Emergency Exits**
- ✓ **Silence Your Mobile Devices**
- ✓ **Thank You to Our Sponsors!**
- ✓ **Questions will be addressed in the allotted time**
- ✓ **Presentations will be posted in the Attendee Service Center (ASC) post conference**

2022 Warfighter Seminars



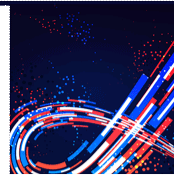
Sponsor: Joint Engineer Contingency Operations (JECO) Community of Interest (Col)

JECO Col Leadership:

- **Chair:** Jim Romasz, Louis Berger Services, a WSP Company
- **Vice Chair:** Col. Matt Beverly, USAF, Instructor Army War College
- **Immediate Past Chair:** Col. William Haight III, P.E., F.SAME, USA (Ret.), WSP
- **Joint Engineer TTE_x Development and Outreach:** Col. G. Scott Nall, P.E., NCANG, FGM Architects
- **Joint Engineer Doctrine and Policy:** Rear Adm. Chuck Kubic, CEC, USN (Ret), Kubic Engineer Group
- **US Army Engineer School:** Lt. Col. Edward Lefler, P.E., PMP, F.SAME, USA (Ret.), Director & Program Manager, Joint Engineering Education Programs
- **JOEB Representation:** Col. Tim O'Rourke, USA (Ret), Engineer Capability Analyst, Joint Staff J4

JECO/Warfighter Seminars Purpose: Facilitate discussion between the US Government Engineer Community and Industry to collaboratively identify and develop solutions on current joint engineer operations and the issues that need to be addressed for future joint engineer operations.

2022 Warfighter Seminar Topics & Objectives



Topics:

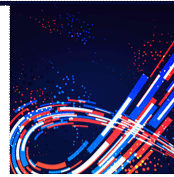
- **Seminar #1:** Fast Delivery of Operational Facilities & Infrastructure
- **Seminar #2:** Countering Adverse Influences and Impacts on Overseas Contractors by Allies, Competitors and Adversaries
- **Seminar #3:** Contingency Operations: Collaboration between Military, Contractors and Contracting Officials
- **Seminar #4:** Integration of Innovative Technology into Military Engineering

- *Selected by the Joint Staff, Combatant Command and Service Engineers to specifically be addressed as part of the Warfighter Seminars at JETC 2022*
- *Focused on present and future CONUS and OCONUS Joint Engineer Issues*

Overall Warfighter Seminar Objectives:

- **At JETC 2022:** Frame/refine topics, discuss, identify/recommend possible solutions, and identify mechanisms/group that can enact the recommended solutions
- **Post JETC 2022:** Track progress of resolutions and inform this group of the results

2022 Warfighter Seminars Flow



Tuesday, 10 May 2022:

- 10:15 AM to 11:15 AM – Warfighter Seminar Prep (*Seminar Moderators, Leaders and Panel Participants only*)
- **1:30 PM - 2:30 PM – Large Group In Brief**
 - *Introductions, description of seminars, objectives and Senior Leader Guidance*
 - *Open to all JETC Participants to observe, ask questions, and comment*
- **3:00 PM - 4:00 PM – Simultaneous Seminar #1, #2, #3 and #4 Working Sessions**
 - *Open to all JETC Participants to observe, ask questions, and comment*

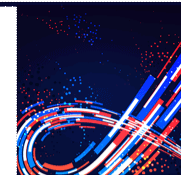
Wednesday, 11 May 2022:

- **1:15 PM - 4:15 PM – Simultaneous Seminar #1, #2, #3 and #4 Working Sessions**
 - *Open to all JETC Participants to observe, ask questions, and comment*
- 4:15 PM - 5:15 PM – Out-Brief Prep (*Seminar Moderators, Leaders and Panel Participants only*)

Thursday, 12 May 2022:

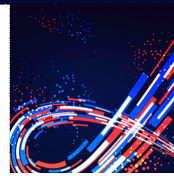
- **1:30 PM - 2:30 PM – Large Group Out Brief**
 - *Findings, possible paths forward, and Senior Leader Comments*
 - *Open to all JETC Participants to observe, ask questions, and comment*

2021 JETC Warfighter Seminars and JOEB Linkages



Seminars and Major Points	FY22 JOEB Work Plan	Joint Logistics Estimate *	Other **
Seminar #1: Operational Facilities & Infrastructure			
Identifying Requirements and Planning	✓ Element 2	✓	
Joint Program Office	✓		
Hybrid Approaches			
Whole of Government Approach			
Authorities	✓ Element 1	✓	✓
Seminar #2: Influence and Impact of Adversaries & Competitors			
Malign Influence	✓ Element 2	✓	
Linkage and Reporting to JEPES	✓ Element 5	✓	
Flexible Authorities	✓ Element 1	✓	✓
Seminar #3: Planning and Integration			
Communicate Best Practices	✓ Element 9 (JP 3-34 Update)		
Emerging Industry Solutions			
LNO Planners			
Innovation Competition			✓
* As Evidence or Supporting Data			
** For Seminars 1 and 2 included in FY23 Joint Staff Legislative Proposal; for Seminar 3 included in initial DEVCOM S&T Roundtable for Combat Engineering			

Warfighter Seminar #1



Seminar Moderator: Col. William Haight III, P.E., F.SAME, USA (Ret.), WSP

Seminar Leader: Lt. Col. Seth M. Lorimer, USAF, US INDOPACOM J442, F.SAME

Panel Participants:

Seth Cutler, OUSD (A&S)/Construction

Capt. Will Boudra, P.E., CEC, USN (Ret.) F.SAME, NAVFAC Pacific

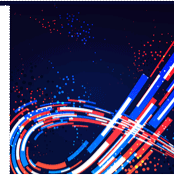
Lt. Col. Christian Dietz, P.E., PMP, USA, US INDOPACOM J441

Rear Adm. Charles R. Kubic, P.E., F.SAME, USN (Ret.), President, Kubic Engineer Group

Cdr. Chris Decker, USN (Ret.), President, Planate Management Group

Capt. Michael Saum, USN (Ret.), Navy Pacific Manager, AECOM

Warfighter Seminar #1



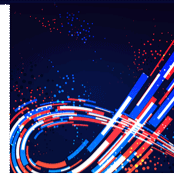
Title: Fast Delivery of Operational Facilities & Infrastructure

Description: The Congressionally authorized Pacific Deterrence Initiative (PDI) IS INTENDED to align the new 2022 U.S. Indo-Pacific Strategy, National Security Strategy and the National Defense Strategy. The Joint Engineer community must develop new and envigored means to deliver an infrastructure program of a complexity and magnitude not seen in the Indo-Pacific AOR since WWII. We must address fast delivery of operational facilities and infrastructure while overcoming challenges presented by remote posture locations, with the goal of a free and open INDOPACIFIC AOR. To support this, government and industry must adopt a broader and more flexible perspective of military construction, assess and update policies and statutory authorities, and advance new ideas, concepts, and technologies to provide nimbler delivery methodologies - to include combined military and contractor design-build teams - for operational facilities and infrastructure while sustaining healthy contractor competition and scrupulous oversight of taxpayer resources.

Learning Objectives:

- Provide feedback and current status of actions to Joint Engineer Community from 2021 Seminar Recommendations
- Continue discussions from the 2021 Seminar on limitations and restrictions of current military construction policies and processes to rapidly deliver joint posture requirements in INDOPACOM theater and possible mitigation actions
- Understand unique elements of risk for construction at Pacific Island Country (PIC) locations and opportunities for government and industry to partner to mitigate barriers
- Determine the potential and feasibility of combined, joint and whole of governments approaches to critical infrastructure improvement with allies and partners
- Through hypothetical scenarios, discuss operational design-build construction project delivery in the AOR using alternative delivery methods such as combined government, military, and contractor operations.

Warfighter Seminar #2



Seminar Moderator: Col Todd Graham, PE, MDANG

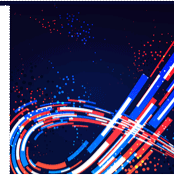
Seminar Leader: CDR R. Stephen Ramsey, JS J4

Panel Participants:

MG Jeffrey L. Milhorn, USA, DCG for Operations, USACE

Lt Col Rick Sloop, USAF (Ret.) and Program Manager at Fluor

Warfighter Seminar #2



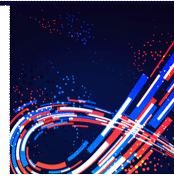
Title: Countering Adverse Influences and Impacts on Overseas Contractors by Allies, Competitors and Adversaries

Description: The panel will discuss the “new frontier” of how allies, competitors and adversaries can adversely influence and impact contractors as they work to meet operational construction and service objectives. The discussion will focus on likely tactics, actions and administrative regulations that allies, competitors and adversaries could (and do) employ against contractors or military engineer troops to disrupt projects; and how such behaviors and restrictions would impact/influence the employment of contract capability and capacity. The panel will then explore proven and possible ways and means to minimize or prevent disruption of overseas projects by allies, competitors and adversaries.

Learning Objectives:

- Identify probable adverse influences and impacts and the scope of their disruption to overseas construction of critical operational facilities and infrastructure.
- Identify probable operational gaps and shortfalls which could be created by restrictive actions by allies, competitors and adversaries when executing overseas construction projects.
- Identify means and discuss ideas on how best to mitigate adverse effects of “unhelpful interference” by allies, competitors and adversaries in overseas construction projects.

Warfighter Seminar #3



Seminar Moderator: COL Mark Collins, USA (Ret.), Vectrus

Seminar Leader: CDR Travis Brinkman, Current OPS, NAVFAC Pacific

Panel Participants:

Cary Watanabe, NAVFAC Pacific COR on Vectrus GCSC

LCDR John Daly, FEAD MCBH and Flushing OIC

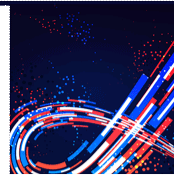
Annette Chun, NAVFAC Pacific Contracting Officer

Casey Sinunu, Vectrus Operations

CDR Tim Gleason, NAVFAC LANT – OIC OAW

Col Robert Nicholson, USA (Ret.) and a Vice President at KBR

Warfighter Seminar #3



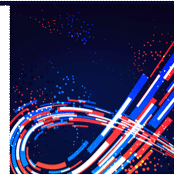
Title: Contingency Operations: Collaboration between Military, Contractors and Contracting Officials

Description: Using the Red Hill GAC (granulated activated carbon) filtration operation AND Berthing and Support Operations at MCB Quantico for Afghan refugees as backdrops, the intent for this seminar is to facilitate a common understanding of contingency contracting dynamics, roles & responsibilities for Gov't/KTR, impact and the dynamic shift in operations as they mature from contingency to sustainment, providing recommendations to the JETC for incorporation of service component integration of contract support for urgent and compelling operations.

Learning Objectives:

- Establish common understanding of the dynamic characteristics of contingency contracting during an urgent and compelling operation.
- Dissect the evolution of an operation from urgent and compelling (contingency) to enduring (sustaining) and the impacts on the contracting process.
- Determine lessons learned for contractor employment for contingency contracts like the GSC MACC, LOGCAP, etc.

Warfighter Seminar #4



Seminar Moderator: Dr Shawn Howley, Deputy Commandant Army Engineer School

Seminar Leader: Col Matthew Beverly, Army War College

Panel Participants:

Colonel Clete Goetz, Director Office of the Chief of Engineers (OCE)

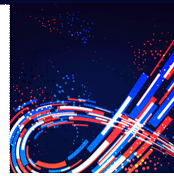
Mr Andy Margules, ERDC-CRREL, Office of the Technical Director, LNO to NORAD & NORTHCOM

Mr Mark Thompson, Office of Research and Technology Applications, NAVFAC and Expeditionary Warfare Center

Lt Col Ryan Walinski, Prime BEEF Branch Chief, AF/A4CX

Mr Kyle McCarthy, DLA Troop Support, Class IV Executive Agent Program

Warfighter Seminar #4



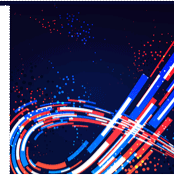
Title: Integration of Innovative Technology into Military Engineering

Description: Discuss and explore the expanding capabilities of Artificial Intelligence (AI), Virtual/Augmented Reality (V/AR), Additive Manufacturing (3DP), Nanotechnology and Advanced/Composite Materials. Explore how those capabilities can be leveraged to enhance military engineering and better meet the needs of the Nation and joint force in global competition and contingencies.

Learning Objectives:

- Identify advantages, limitations, and restrictions associated with adopting AI, V/AR, 3DP and other innovative/emergent technologies into military engineering
- Identify the options and means to leverage AI and V/AR in engineer training and education
- Identify options and the means to improve engineer planning and operations
- Identify options and the means to exploit AI in design, and additive manufacturing and emerging materials in construction

Senior Leader Guidance and Comments



Mr. Michael McAndrew

Deputy Assistant Secretary of Defense for Construction

Major General Jeffrey L. Milhorn, USA

Deputy Commanding General for Military and International Operations

Rear Admiral Dean VanderLey, USN

Commander, Naval Facilities Engineering Systems Command Pacific

Brig. Gen. William H. Kale III, USAF

Air Force Director of Civil Engineers

Captain Pat Dugan, USCG

Chief Engineer

Mr. Angel A. Dizon, III

Managing Director for Program Development, Coordination and Support, Department of State's Bureau of Overseas Buildings Operations

Rear Adm. Mark Handley, P.E., F.SAME, USN (Ret.)

President, Society of American Military Engineers

Warfighter Seminar

Jim Romasz

james.romasz@wsp.com

+1.864.546.3612

Q&A