

Global Critical Infrastructure Workshop

22-24 October 2024

Agenda (as of 9 September, 2024)

Location:

Edelweiss Lodge and Resort
Garmisch, Germany

Classification:

Unclassified

Details:

This meeting will focus on bringing together global partners in security to discuss various challenges of infrastructure creation, modernization, protection, and recovery from disruptive incidents (both deliberate attacks and non-deliberate impacts of accidents, climate, etc.).

Focus Area 1: Infrastructure Modernization

Analyses related to the location, funding, modernization, and maintenance of infrastructure or related systems. This working group will focus on assessing transportation & energy infrastructure, on scoping infrastructure modernization projects, and methods for making portfolio prioritization decisions.

Focus Area 2: Threats and Vulnerability

Analyses related to threats (both adversarial and natural), proactive measures, and climate change.

Focus Area 3: Resilience

Analyses relating to disruption and responses, hardening, recovery, and adaptive capacity, including best practices and lessons learned.

Agenda:

All sessions will occur at meeting spaces within the Edelweiss Lodge and Resort, Garmisch, Germany. A main conference room will facilitate keynotes and discussions with all attendees in a single location. The Workshop Chair will lead these sessions. Three breakout rooms will facilitate discussions for each of the focus areas. The Focus Area Chairs will manage these sessions, with responsibility for facilitating discussion and the equitable allocation of speaking time among participants.

Keynote Speakers:

Dr. Daniel Armanios, BT Professor and Chair of Major Programme Management, Saïd Business School, University of Oxford

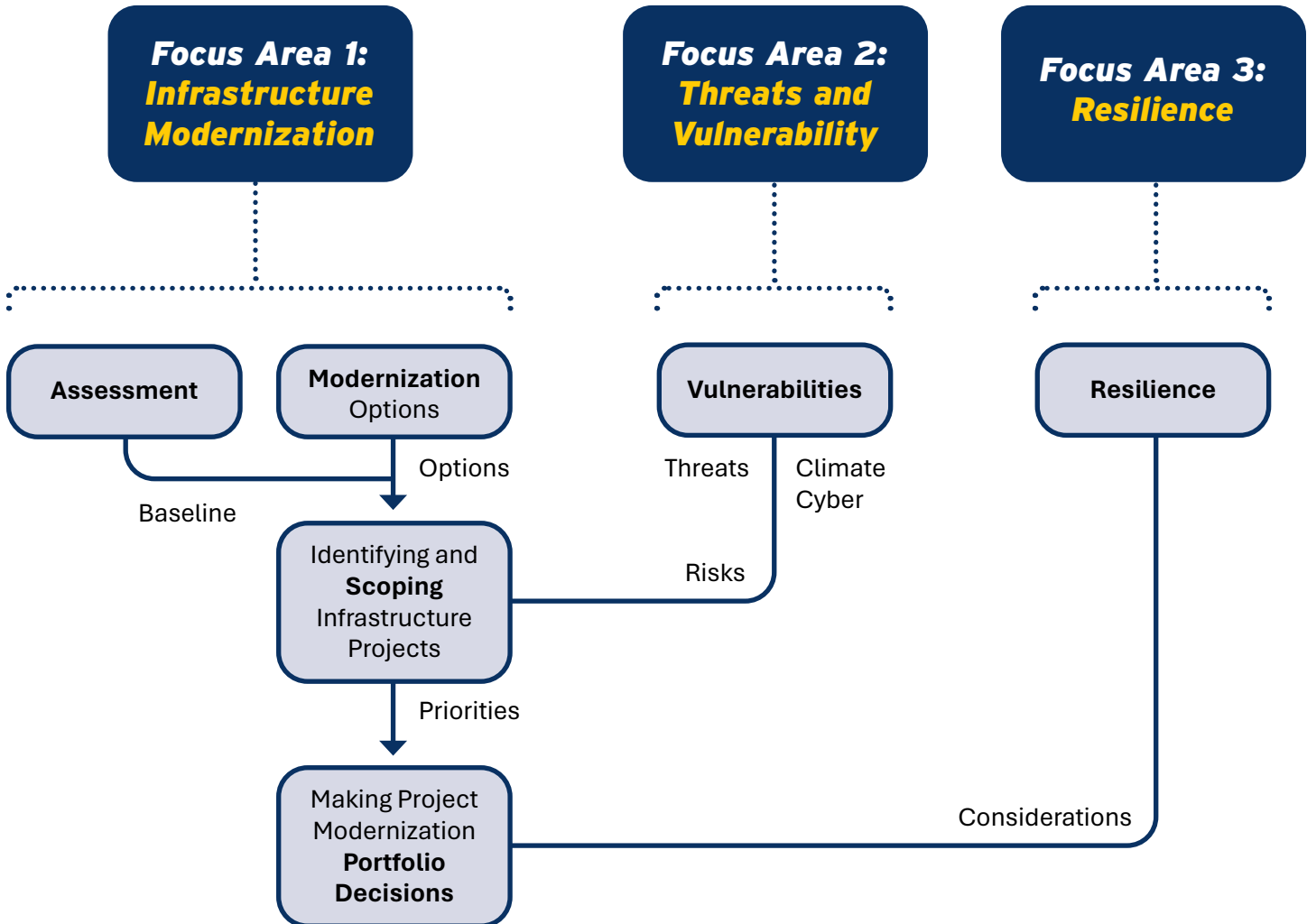
Dr. David Alderson, Professor of Operations Research, and Executive Director, Center for Infrastructure Defense, Naval Postgraduate School

Questions?

Contact Ms. Jill Maita, Meeting Coordinator | ✉ jill.maita@mors.org

Global Critical Infrastructure Workshop

Focus Area Relationships



Outcomes/Takeaways

- Standard assessment template
- Project scoping workbook
- Portfolio decision tools
- Start of participants' tailored portfolio of projects
- Topics for follow-up tailored workshop

Questions?

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Session Focus Area 1: **Infrastructure Modernization**

Pre-Meeting Virtual Session(s) (Scheduled on 24 September and 8 October, 2024)

Event/Activity	Location
<ul style="list-style-type: none"> • Introduction to working group objectives, structure, & flow • Lightening talks and introductions • Transportation & Energy Modernization Options 	Online

22 October 2024 (Tuesday) – Day 1

Time	Event/Activity	Location
0730-0830	Arrival and Registration	Arrival Area
0830-0845	Welcome & Overview	Main Conference Room
0845-0945	Plenary Keynote Dr. Daniel Armanios, University of Oxford	Main Conference Room
1000-1030	Focus Area 1: Infrastructure Assessments Overview	Breakout Rooms
1030-1045	Coffee Break	Foyer
1045-1130	Focus Area 1: Infrastructure Assessments Overview	Breakout Rooms
1130-1300	Working Lunch – Focus Area 1 Network lunch tables	Breakout Rooms
1300-1400	Plenary Keynote Dr. David Alderson, Naval Postgraduate School	Main Conference Room
1400-1415	Coffee Break	Foyer
1415-1530	Focus Area 1: Infrastructure Assessments Discussion	Breakout Rooms
1530-1600	Wrap-Up Session	Main Conference Room
1700-2000	Networking Social	Lodge am Hausberg

Questions?

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Session Focus Area 1: **Infrastructure Modernization** (Cont.)

23 October 2024 (Wednesday) – Day 2

Time	Event/Activity	Location
0830-0900	Welcome and Synthesis	Main Conference Room
0900-1030	Focus Area 1: Infrastructure Energy & Transportation Modernization	Breakout Rooms
1030-1045	Coffee Break	Foyer
1045-1130	Focus Area 1: Continued	Breakout Rooms
1130-1300	Working Lunch—Presentation and Discussion: Making Decisions and Developing Your Plans	Breakout Rooms
1300-1400	Focus Area 1: Infrastructure Project Scoping and Portfolio Decision Making	Breakout Rooms
1400-1415	Coffee Break	Foyer
1415-1530	Focus Area 1: Continued	Breakout Rooms
1530-1600	Wrap-Up Session (and picture?)	Main Conference Room

24 October 2024 (Thursday) – Day 3

Time	Event/Activity	Location
0800-1000	Working Group Wrap-Up	Breakout Rooms
1000-1030	Outbriefs and Workshop Summary	Main Conference Room
1030-1045	Coffee Break	Foyer
1045-1200	Outbriefs and Workshop Summary Continued	Main Conference Room
1200-1300	Lunch	TBD
1300-1400	Special Closing Events <i>Potential options: Zugspitze, hiking, historical tour</i>	Various
1400-1415	Coffee Break	Foyer
1415-1600	Special Closing Events Continued	Various
1700-1900	Report Planning Session <i>(Focus Area Leads and Planning Committee only)</i>	TBD

Questions?

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Session Focus Area 2: **Threats and Vulnerability**

22 October 2024 (Tuesday) – Day 1

Time	Event/Activity	Location
0730-0830	Arrival and Registration	<i>Arrival Area</i>
0830-0845	Welcome & Overview	<i>Main Conference Room</i>
0845-0945	Plenary Keynote Dr. Daniel Armanios, University of Oxford	<i>Main Conference Room</i>
1000-1030	Focus Area 2: Map how did we get there— <i>Scenario 1</i>	<i>Breakout Rooms</i>
1030-1045	Coffee Break	<i>Foyer</i>
1045-1130	Focus Area 2: Map how did we get there— <i>Scenario 1</i>	<i>Breakout Rooms</i>
1130-1300	Working Lunch	<i>Breakout Rooms</i>
1300-1400	Plenary Keynote Dr. David Alderson, Naval Postgraduate School	<i>Main Conference Room</i>
1400-1415	Coffee Break	<i>Foyer</i>
1415-1530	Focus Area 2: Map how did we get there— <i>Scenario 2</i>	<i>Breakout Rooms</i>
1530-1600	Wrap-Up Session	<i>Main Conference Room</i>
1700-2000	Networking Social	<i>Lodge am Hausberg</i>

Questions?

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Session Focus Area 2: **Threats and Vulnerability** (Cont.)

23 October 2024 (Wednesday) – Day 2

Time	Event/Activity	Location
0830-0900	Welcome and Synthesis	Main Conference Room
0900-1030	Focus Area 2: Analytic Methods Identify trade-offs and proposed analytical methods for Scenario 1	Breakout Rooms
1030-1045	Coffee Break	Foyer
1045-1130	Focus Area 2: Continued	Breakout Rooms
1130-1300	Working Lunch	Breakout Rooms
1300-1400	Focus Area 2: Analytic Methods Identify trade-offs and proposed analytical methods for Scenario 2	Breakout Rooms
1400-1415	Coffee Break	Foyer
1415-1530	Focus Area 2: Continued	Breakout Rooms
1530-1600	Wrap-Up Session (and picture?)	Main Conference Room

24 October 2024 (Thursday) – Day 3

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0800-1000	Working Group Wrap-Up	Breakout Rooms
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1300-1400	Special Closing Events <i>Potential options: Zugspitze, hiking, historical tour</i>	Various
1400-1415	Coffee Break	Foyer
1415-1600	Special Closing Events Continued	Various
1700-1900	Report Planning Session <i>(Focus Area Leads and Planning Committee only)</i>	TBD

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Session Focus Area 3: Resilience

22 October 2024 (Tuesday) – Day 1

Time	Event/Activity	Location
0730-0830	Arrival and Registration	Arrival Area
0830-0845	Welcome & Overview	Main Conference Room
0845-0945	Plenary Keynote Dr. Daniel Armanios, University of Oxford	Main Conference Room
1000-1030	Focus Area 3: Resilience Frameworks and Models— <i>Lightning Talks</i> (Theme: The good, the bad, and the ugly)	Breakout Rooms
1030-1045	Coffee Break	Foyer
1045-1130	Focus Area 3: Continued	Breakout Rooms
1130-1300	Working Lunch	Breakout Rooms
1300-1400	Plenary Keynote Dr. David Alderson, Naval Postgraduate School	Main Conference Room
1400-1415	Coffee Break	Foyer
1415-1530	Focus Area 3: Resilience Frameworks and Models— <i>Discussion Sessions</i> (Themes: Decision spaces, tradeoffs, and translation to application)	Breakout Rooms
1530-1600	Wrap-Up Session	Main Conference Room
1700-2000	Networking Social	Lodge am Hausberg

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Session Focus Area 3: **Resilience** (Cont.)

23 October 2024 (Wednesday) – Day 2

Time	Event/Activity	Location
0830-0900	Welcome and Synthesis	Main Conference Room
0900-1030	Focus Area 3: Resilience Applications— <i>Lightning Talks</i> (Theme: Case studies)	Breakout Rooms
1030-1045	Coffee Break	Foyer
1045-1130	Focus Area 3: Continued	Breakout Rooms
1130-1300	Working Lunch	Breakout Rooms
1300-1400	Focus Area 3: Resilience Applications— <i>Discussion Sessions</i> (Themes: Learning from experience, control of dynamic missions, and translation to frameworks)	Breakout Rooms
1400-1415	Coffee Break	Foyer
1415-1530	Focus Area 3: Continued	Breakout Rooms
1530-1600	Wrap-Up Session (and picture?)	Main Conference Room

24 October 2024 (Thursday) – Day 3

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