



DETROIT ARSENAL REGIONAL DEFENSE

ASSESSMENT OF RESILIENCE (DAR2)

Identifying critical infrastructure interdependencies and strengthening the resilience of Southeastern Michigan.

IDENTIFYING VULNERABILITIES

Defense installations rely on civilian utilities and communities to power missions

The physical and cyber threat environment is changing. Uninterrupted access to public utility infrastructure has become increasingly critical to mission success at DoD installations, even as they have shown vulnerabilities to natural disasters, cyber attacks, and physical threats.

Southeastern Michigan and the DoD must understand their shared resilience vulnerabilities to strengthen the region's resilience posture.

STRENGTHENING RESILIENCE

DAR2 identifies shared vulnerabilities and resilience project opportunities

Converge Strategies and Idaho National Laboratory will convene DoD installation leadership and lifeline infrastructure owners from the Detroit Metropolitan Area to develop an understanding of cross-sector interdependencies.

These teams will identify and develop project concepts and implementation plans to strengthen the resilience of Southeastern Michigan and its defense communities.

DAR2 PROCESS AND MILESTONES

- Apply the all Hazards Analysis (AHA) tool to map community and installation infrastructure assets
- Visualize interdependencies and points of vulnerability between utility sectors within the region
- Meet with infrastructure owners to build the full picture of regional infrastructure requirements and capabilities
- Design and execute workshop for regional stakeholders to identify project concepts and implementation for future advocacy and funding





STUDY AREA

SEMCOG
REGION

Detroit Arsenal,
Macomb County, MI

DAR2 STAKEHOLDERS

- Detroit Arsenal
- Macomb County
- Local and Regional Municipalities
- Selfridge Air National Guard Base
- Michigan Public Service Commission
- Regional leaders from the following industries: Energy, Telecom, Water, Waste and Stormwater, Data and Cyber, Natural Resources
- Other related industry stakeholders (i.e. Automotive, aerospace, defense, etc.)



DAR2 WORKSHOP WHAT TO EXPECT

- Present and validate AHA tool gaps and alternative scenarios
- Identify emergency response capabilities and responsibilities
- Name facility and capital improvement plans and requirements
- Recognize opportunities for shared funding to accomplish or enhance studies and projects
- Locate additional sources of funding for identified deficiencies
- Claim environmental stewardship responsibilities
- Develop action-oriented resilience projects to address known gaps

DAR2 RESULTS

REGIONAL RESILIENCE STRATEGIES AND PROJECT OPPORTUNITIES

- Shared understanding of regional resilience gaps and critical infrastructure interdependencies
- Collective vision of key vulnerabilities affecting the Southeastern Michigan community and military installations

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