Strategic Foresight Initiative
Summary Briefing
Agenda

• Overview of the Strategic Foresight Initiative (SFI)

• Research and Stakeholder Engagements

• Findings and Insights

• Q&A
SFI Overview

• Understand the factors driving change that will impact emergency and disaster management over a 20-year horizon

• Develop a shared sense of direction and urgency in the emergency management community that enables us to drive to action

• Collectively prepare for the future across multi-sectors

• Plan for and take action to meet the evolving needs
## Community Involvement

### Emergency Management Community
- Federal, state, local, tribal emergency managers
- First responders
- Business partners
- NGOs
- Other federal agencies
- Academia

### Engaged in:
- Research
- Conference calls and Webinars
- Workshops and conferences
- Online engagement
SFI Approach

**ENVIRONMENTAL SCANNING**
- Initial Research
- Scoping Workshop

**IDENTIFY DRAFT DRIVERS**
- Identify Draft Drivers
- Accelerator/Derailer Workshops
- Expert Outreach
- Topical Webinars/Concalls

**SCENARIO PLANNING**
- Evaluate Existing Scenarios
- Customize Scenarios
- SFI Scenario Workshop
- ID Strategic Needs

**ADVANCING & SUSTAINING FORESIGHT**
- Expand and Share Research
- Align Strategies
- Engage Stakeholders
### SFI Drivers

<table>
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<th>Changing Role of the Individual</th>
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<td>Climate Change</td>
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<td>Critical Infrastructure</td>
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<td>Evolving Terrorist Threat</td>
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<td>Global Interdependencies</td>
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<td>Government Budgets</td>
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<td>Technological Innovation and Dependency</td>
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<td>Universal Access to and Use of Information</td>
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<td>US Demographic Shifts</td>
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Select Driver Implications

• Aging infrastructure will challenge response and recovery
• Global interdependencies raise questions about the emergency management community’s role in international events
• Advances in technology (e.g. smartphones, tablets) empower individuals by broadening access to information and promoting a sharing rather than hierarchical information environment
• US demographic shifts – i.e. larger, older, more diverse, and more geographically concentrated – pose challenges to communication, response and recovery efforts, among others
Scenario Planning

Predictive Planning:

Today → “Most Likely” Future → Master Plan

Scenario Planning:

Today → Multiple Futures → Strategic Needs & Actions
## Scenario Workshop Findings

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<thead>
<tr>
<th>Strategic Need Theme</th>
<th>Strategic Needs</th>
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<td>Essential Capabilities</td>
<td>▪ New response and recovery approaches</td>
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<td>▪ Omni-directional communication</td>
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<td>▪ Public training and education</td>
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<td>▪ Leverage volunteer capabilities</td>
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<td>▪ Futures thinking and planning</td>
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<td>Innovative Models and Tools</td>
<td>▪ Alternative surge models</td>
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<td>▪ New risk management tools and processes</td>
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<td>▪ Influence technology</td>
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<td>▪ Flexible frameworks</td>
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<td>▪ Collaborate around shared interests</td>
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<td>▪ Supply and natural resource vulnerabilities</td>
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<td>Dynamic Relationships and Partnerships</td>
<td>▪ Empower individuals and communities</td>
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<td>▪ Engage business community</td>
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<td>▪ International collaboration</td>
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<td>▪ Collaboration with military</td>
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Understanding Strategic Needs

- Omni-directional knowledge sharing
- Full public/private involvement in all phases of emergency and disaster management
- Alternative surge models
- Enabling frameworks for cross-sector activity
Our Future Landscape

• We will face increasing complexity and decreasing predictability

• Future resource constraints are seemingly unavoidable

• Individuals, families, neighborhoods, communities, and the private sector will likely play an increasingly active role in meeting emergency management needs

• Trust – between the public and government – must be strengthened
Advancing and Sustaining Foresight

- Expand and Share Research
- Align Strategies
- Engage Stakeholders
Discussion

• What are your key takeaways?

• What resonates with you in the findings? and Why?

• What questions does this raise?

• What products would be helpful for you moving forward?
Get Involved in SFI

• Email [FEMA-OPPA-SFI@fema.gov](mailto:FEMA-OPPA-SFI@fema.gov) to get involved in SFI and to receive regular updates and information on engagement opportunities