Today’s Session

- 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 10-20-30 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 Drivers

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

“Most Likely” Future

Master Plan

Today

Scenario Planning:

Multiple Futures

Strategic Needs & Actions

Today
### Scenario Workshop Findings

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

- We will face extraordinary complexity
- 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
- The means and methods for delivering emergency and disaster management services will shift
- Trust – between the public and government – must be strengthened
- To be effective in the future, our community will have to:
  - Form dynamic partnerships
  - Build and refine essential capabilities
  - Utilize innovative models and tools
Advancing and Sustaining Foresight

- Product Development and Distribution
- Broaden SFI Community
- Action Planning
- Refresh and Expand Research
Discussion

• What are your key takeaways?
• What resonates with you in the findings? Why?
• What questions does this raise?
• What products would be helpful for you moving forward?
Questions?
Get Involved in SFI

• Email FEMA-OPPA-SFI@fema.gov to get involved in SFI and to receive regular updates and information on engagement opportunities

• Contact Adolfo “Sonny” Trevino, SFI project lead, at adolfo.trevino@fema.dhs.gov

• Visit our Web site: http://www.fema.gov/about/programs/oppa/strategic_foresight_initiative.shtm
Thank You!