



# RESILIENCE

What is it and why am I here?

## Tulsa SAME Workshop on Resilience and Readiness in Our Communities

Presented by: Michelle Lay and Miro Kurka  
November 28, 2017



U.S. Army Corps of  
Engineers Tulsa District



U.S. Army Corps  
of Engineers



# Workshop Purpose

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1. Gain an understanding of Resilience in Various Communities in Oklahoma.
2. Meet and interact with key leaders responsible for resilience and readiness in the National Guard, USACE, City of Tulsa and Oklahoma State.
3. Support the Society of American Military Engineers (SAME) Strategic Plan Goal 4 on Resilience.
4. Contribute to government and private sector collaboration to minimize impacts of and enhance effective response to natural or man-made threats.

# Workshop Agenda

- Welcome – Michelle Lay
- What do we mean by resilience – Miro Kurka
- Panel Introduction - Anna Childers
- Short (10 min) presentation by each panel member
- Panel discussion - Anna Childers
  - Moderator will have 6 - 8 questions that the panelists can address.
  - Additionally, the panel will take questions from the audience.
- Lunch/Spotlight Presentation – CH2M

# Resilience Definitions

- Webster Dictionary: “... an ability to recover from or adjust easily to misfortune or change”
- Wikipedia: “Resilience is a design objective for buildings and infrastructure. It is the ability to absorb or avoid damage without suffering complete failure.”
- Executive Order 13563: “Resilience is the ability to anticipate, prepare for and adapt to changing conditions and withstand, respond to, and recover rapidly from disruptions.”
- U.S. Army: “The Army definition of resilience is the ability to grow and thrive in the face of challenges and bounce back from adversity.”
- SAME Resilience Goal: “Contribute to government and private sector collaboration to minimize impacts of and enhance effective response to natural or man-made threats.”

# USACE Resilience Definition

## “PARA” Principles

- We apply **resilience thinking** through **four principles** that spring from **our definition of resilience** –

“the ability to anticipate, **prepare** for, and **adapt** to *changing conditions* and **withstand, respond to,** and **recover** rapidly from *disruptions.*”

- The **PARA principles** frame & guide actions that build resilience throughout the considered lifecycle.

