

2019 KAMM Conference

Preconference Day Activity

Substantial Damage Estimator (SDE)

4- Hour Workshop

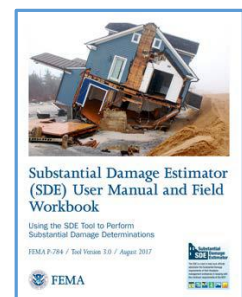
Monday, September 16, 2019

1:00 – 5:00 p.m. (CST)

Lake Barkley State Resort Park

**Presented by: Mark Vieira, P.E., CFM
FEMA Region IV**

The Substantial Damage Estimator (SDE) tool was developed by FEMA to assist State and local officials in determining substantial damage for residential and non-residential structures in accordance with a local floodplain management ordinance meeting the requirements of the NFIP.



The SDE tool can be used to assess flood, wind, wildfire, seismic, and other forms of damage. It helps communities provide timely substantial damage determinations so that reconstruction can begin following a disaster.

What Will You Learn?

The workshop will cover the NFIP requirements for substantial damage determination, present the tool, cover input data required by the tool, talk about damage inspections, present a SDE video, and show SDE examples.

Who Should Attend?

Anyone who has experienced flooding! Emergency Managers, floodplain coordinators, local officials and staff responsible for substantial damage estimates.

Pre-Conference Activity

September 16, 2018

SDE Workshop

1:00 - 5:00 (CT)

**Presenter: Mark Vieira,
FEMA RIV**



MARK A. VIEIRA, PE BIO

Mark Vieira has been a Civil Engineer in FEMA's Region IV Mitigation Division since 1992. He was the Region IV lead engineer for the NFIP, floodplain mapping, FEMA's Map Modernization Program, and now is involved with FEMA's RiskMAP program. He manages the Regional Flood Study Contractors, both riverine and coastal, Regional Outreach Contract and Program Management Contractors and is the lead engineer on levee issues. He serves on several FEMA Headquarter Work Groups.

Mark is also responsible for helping provide technical information in workshops for surveyors, engineers, and local building officials. He has often been an instructor at the EMI. With FEMA, Mark has been involved with Letter of Map Changes, "No-Rise" Certification and HMGP project review process. He has had many disaster assignments including Preliminary Damage Assessment, Technical Assistance, Emergency Response Team Advance Element, Building Performance Assessment Team, SDE Program Instructor, and Deputy Federal Coordination Officer. He is married, has two children and one grandchild and lives in Buford, Ga. In his spare time, he makes quilts.

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