

# 2021 KAMM Virtual Conference

September 20, Preconference

## Presentation Abstract & Author Biography

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**Name of Presenter:** Olivia Ranseen and Annemarie Sacra

**Organization:** Kentuckiana Regional Planning & Development Agency (KIPDA)

**Title:** Community Development Planner

**Address, City, State Zip Code:** 11520 Commonwealth Drive, Louisville, KY 40299

**Title of Presentation:** Designing Hazard Mitigation Plans in an Online World

**Type of Presentation:** 25-minute concurrent

**Presentation Focus:** Beginner

**Presentation Audience:** Hazard mitigation planners, GIS specialists, communications/outreach

**Abstract:** Hazard mitigation plans should serve as a community's guide to understanding local hazard risks and vulnerabilities. However, they often are long (300 + pages), hyper-technical documents that the public and local officials rarely interact with. In 2019, New York City launched the first web-based hazard mitigation plan, which made critical hazard information succinct, navigable, and searchable for the public. It also seamlessly integrated ArcGIS online maps and interactive data visualizations while meeting FEMA requirements.

Inspired by NYC's efforts, the Kentuckiana Regional Planning & Development Agency (KIPDA) is developing one of the first online hazard mitigation plans in FEMA Region IV. In this presentation, KIPDA's Olivia Ranseen and Annemarie Sacra will discuss how to create an online, multi-jurisdictional plan and give a preview of the KIPDA HMP website. They will cover topics such as web development tools, online public participation, data visualizations and more.

### Bios:

**Olivia Ranseen** serves as the Community Development Planner at KIPDA. In her role, Olivia primarily leads hazard mitigation and resiliency planning for a six-county region. She also creates data visualization tools, oversees conservation grants, and handles water and wastewater projects. Olivia majored in environmental management and graduated from the Indiana University's O'Neill School of Public and Environmental Affairs in May 2019. In her free time, Olivia enjoys rock climbing, reading, and running with her dog, Nemo.

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**Annemarie Sacra** joined the staff of KIPDA in the fall of 2019 just in time to contribute her experience working with the Kentucky Division of Water on the 2018 KY State Hazard Mitigation Plan update to the KIPDA Regional Hazard Mitigation Plan update efforts for 2021. Her educational background is in Environmental and Occupational Health and Safety, and Annemarie has 10 years of experience working in Geographic Information Systems (GIS), primarily with environmental data and now transitioning into more transportation and infrastructure work for KIPDA.

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