

# Abstract

## **Development of Debris Management GIS Application for the District of Columbia**

**Track:** Application Development

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After natural or manmade disasters, debris removal and disposal can consume 20 percent of the cost of disaster response. Debris restricts evacuation routes, hinders rescue operations, and hampers recovery activities. Therefore, debris management activities must be implemented quickly and efficiently. Because of this, many agencies are implementing Debris Management Systems to ensure debris removal activities are effective and cost efficient. This presentation will discuss the functionality and benefits of our application, which predicts the amount of debris generated by disasters such as floods and weapons of mass destruction, as well as estimates property damages and assist with overall emergency management.

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