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## **Short-term chronological visualization of post hurricane destruction in Puerto-Rico using GIS**

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Much of what we know about hurricane destruction today is a result of many years of post-hurricane impact assessment by various professionals across the world. Although there have been many ways in which to study post-hurricane destruction, the increasing amount of technology available to society is allowing for more detailed analysis of impact assessment. With the use of Geographic Information Systems (GIS) as one application of technology, we are not only able to study long term impacts of hurricane destruction, but also short-term impacts that occur chronologically up to 72 hours after the hurricane has passed. Studies such as these are critical ways in which we can help plan for evacuation and minimize casualties from post-hurricane impacts.