

Leveraging Perishable Impact Data into Long Term Recovery Forecasting

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Abstract

Long-term recovery from disasters is one of the least understood elements within the disaster cycle. While some neighborhoods and communities are able to rebuild and recover quickly, others languish, sometimes failing to recover to what was there before. This project seeks to address some of the data needs associated with empirically measuring and modeling disaster recovery outcomes and processes driving them. Specifically, the objective is to collect perishable post-event data on populations, impacts, and recovery that can be input into a model that predicts when, where, and why some households in Columbia, SC recover and some not.