Improve flood risk management in moving from flood maps to flood consequences

BRIAN RAST

Moving decisions from in or out flood maps to risk informed flood mitigation decisions

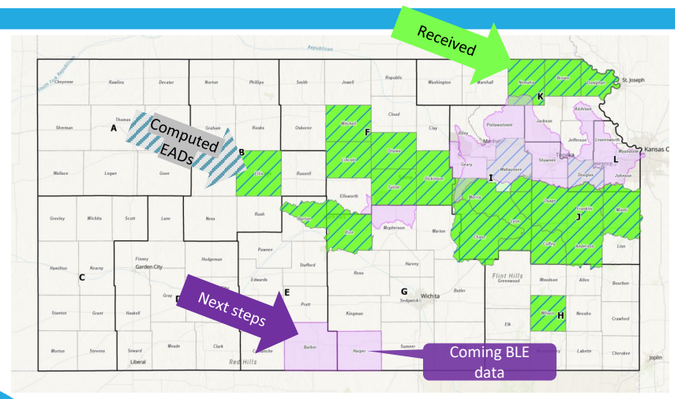
Digital tech brings better 2d maps, but the next step is leveraging depth grids from effective Risk MAP data and the National Structure Inventory (NSI). Multiple frequences enhances consequences.

Apply Risk MAP data and economic damage curves

Using USACE Institute for Water Resources expertise and GoConsequences (GoC), the team has generated a flood consequences databases identifying the buildings with highest damages.

Enable Kansas to do risk informed decision with buildings' expected annual damages (EADs)

The state can better prioritize the most at risk buildings, when communities request flood mitigation grants.



National Structure Inventory

GoConsequences

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