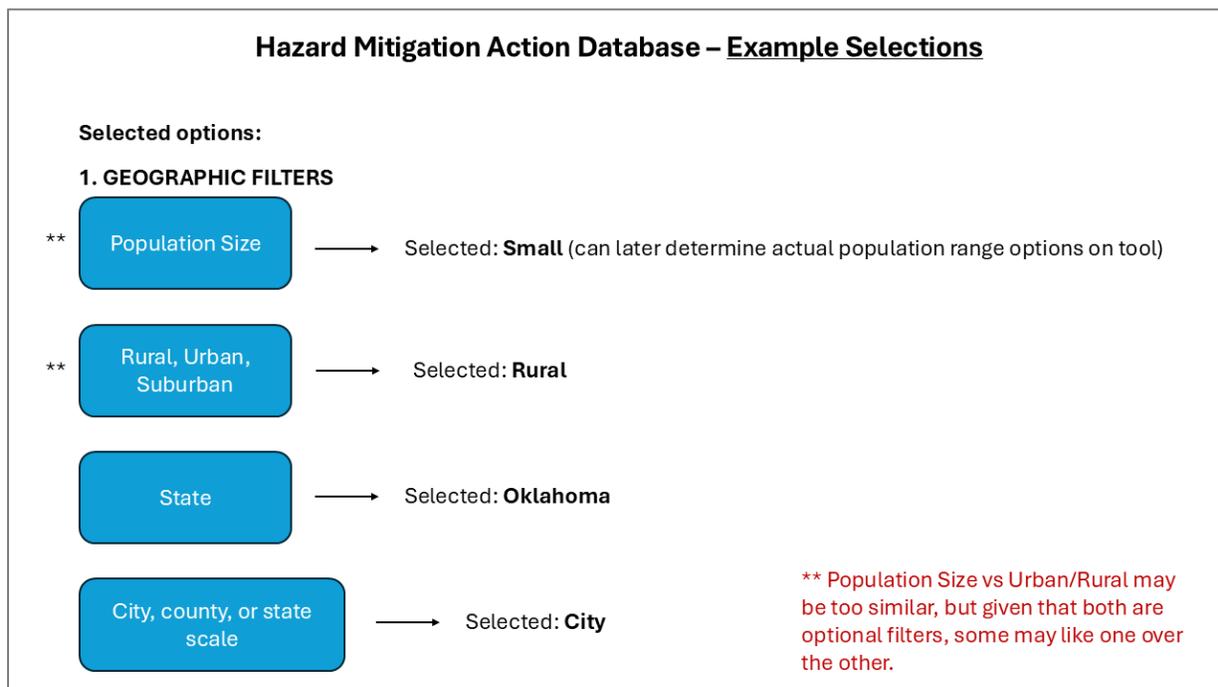
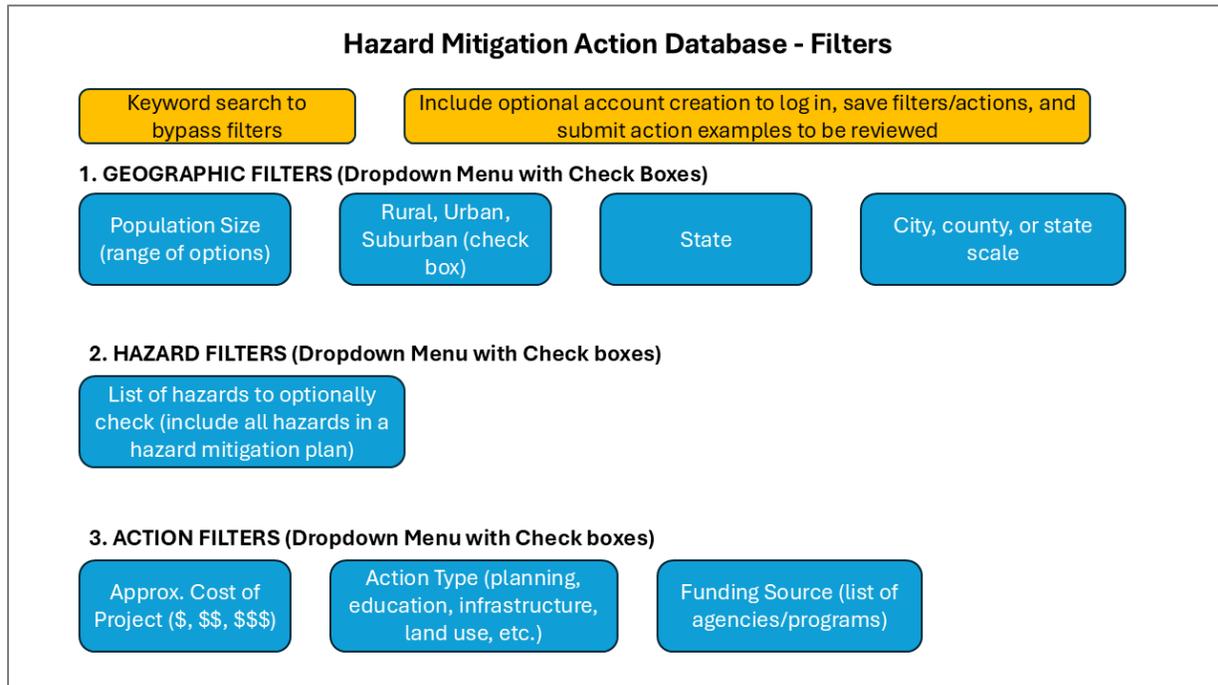


Hazard Mitigation Action Database Design Concept



Hazard Mitigation Action Database – Example Selections

2. HAZARD FILTERS

List of hazards → Selected: **Tornado, Wind, Severe Storms**

3. ACTION FILTERS

Approx. Cost of Project (\$, \$\$, \$\$\$) → Selected: **\$** (can later determine price range options or leave as is)

Action Type (planning, education, infrastructure, land use, etc.) → Selected: **Infrastructure, Planning, Education**

Funding Source (list of agencies/programs) → Selected: **None** (no boxes checked to leave full range of options open)



Hazard Mitigation Action Database – Example Results (Landing Page)

RESULTS

Generator (\$)
 Hazard: severe storms, wind, tornado
 Click for More Details

Action 2
 Click for More Details

Action 3
 Click for More Details

Action 4
 Click for More Details

Action 5
 Click for More Details

Action 6
 Click for More Details

Action 7
 Click for More Details

Action 8
 Click for More Details

Results page should include all actions that meet their filter criteria. High-level information (type of action, price range, hazard type) could be shown here. Users could click on the box to learn more project details.



Hazard Mitigation Action Database – Example Results (More Details Page)

PROJECT DETAILS

Project/Strategy Title Generator for Town of Cheyenne	Hazard Type(s) Severe Storms, Wind, Tornado	Action Type(s) Infrastructure, Continuity of Operations
Location/Entity that Completed Project Cheyenne, OK	Population Size Less than 1,000	
Cost Estimate \$65,000	Funding Source FEMA HMGP	Year Obligated 2021



Image Source: Cummins

Action Description

The Town of Cheyenne, OK, requested funds through the FEMA HMGP to replace the 125 kW generator at their water treatment plant. The generator was requested to provide backup power and prevent disruption in the event of severe weather outages for those who the water treatment plant serves in the area. The HMGP cost share included 75% of costs paid by FEMA and a 25% local match.

[Link to Project or Document](#)



Hazard Mitigation Action Database – Example Results (More Details Page)

PROJECT DETAILS

Project/Strategy Title City of Bryan Acquisition/ Demolition of 4 Properties	Hazard Type(s) Flooding	Action Type(s) Property Acquisition
Location/Entity that Completed Project Bryan, TX	Population Size 90,000	
Cost Estimate \$671,000	Funding Source FEMA HMGP	Year Obligated 2016



Image Source: ASFPF Flood Science Center; original photo by Howard Greenblatt, FEMA

Action Description

The City of Bryan, TX, applied for HMGP funding to buy the four most severe repetitive loss properties in the city to reduce flood losses. This voluntary acquisition project gave property owners the right to approve or decline a buyout offer. A 25% local match by the city was obtained through a Drainage Utility Fee, while FEMA paid 75% of the project cost.

[Link to Project or Document](#)

etc. . .