1. When did the voluntary program start? 1985
   1. Did it start at the same time across different neighborhoods?
      1. Has the voluntary map regions changed over time with updated/adjusted risk assessments?
   2. If not, different start dates by neighborhood
   3. Have the program “rules” changed over time? (Not the mandatory bit)
2. Can any current or recent owners have purchased from someone who took a previous buyout? Answer: cannot, they turn it into an empty lot
   1. Acquisition??
   2. Does empty space get turned into a neighborhood park or stay empty? (This might change people’s land value assessment…)
3. Offers. How are the households being communicated with? Phone? Mail? House call?
   1. Who is doing the communicating with the household?
4. Voluntary can get multiple offers. How is the decision to return and make another offer made? Timing? Amounts? Updated risk assessment?
   1. Any implications for insurance if I am voluntary? If I reject an offer?
5. Mandatory: Forces me to take my second offer. What if I had only had one offer first. Do I get a second offer with the mandatory or do I take the first?
   1. How long do I have to move out if mandatory?
6. What aid (monetary and non-monetary) do people get under mandatory and voluntary?
   1. Expedited processes? Bonus for staying in the county? Bonus for also buying out with neighbors (agglomeration bonus)? Target constraint on buyouts (need a minimum number)?
   2. Language/legal help for non-English speakers? Legal for anyone not just about langauge
   3. We want to know what differential incentives are between vol and mandatory
7. Can we get the data/indicator on who became mandatory?
   1. Did mandatory zones phase in or all at the same time? (Seems to have stayed the same)
8. Can we get data on people who received offers but have not yet taken it?
9. Can we build maps of properties? Also can we update these maps over time with bought out space?
   1. Are the observations we have complete in terms of spatial map of voluntary and mandatory areas?
   2. Measure of how many of one’s neighbors have moved prior to time t
10. We know some moves and this could be within county, within state, or beyond. Not knowing does not imply anything about where you go, necessarily.
    1. How many (percent) do we know where they go? (Maybe around 25%)
       1. We do not know why they stayed or moved far… (e.g., family)
       2. Can we find out if local stayers got a “local” bonus?
11. County (or State?) level reports and other documentation related to the buyouts
12. Who is funding this? FEMA aid, funding from the state as well? Do we know how the funding arrangement is done and how the decision-making is done? (HMGP is FEMA hazard mitigation grant program aid source)
    1. E.g., does FEMA get a say in this?
    2. Is this being done in other states? Mandatory programs are small in 3 other states (ND, IA,), but there are more voluntary programs.
       1. Any research on other programs from other states? Some stated preference papers, a lab experiment, some revealed preference papers, one uses Zillow data (NY program leads to increase in property value??), lots of papers saying there are savings from avoided disaster costs
13. Does any of the bought out land turn over to private ownership at some point down the line? Even if homes are not built…

The following is more for us and not for the County officials…

1. What can we learn about neighborhood characteristics?
   1. US census block groups to get median HH income, other statistics? Ratio of whites to non-whites? Population density?
      1. Can we separate non-whites into black and Hispanic?
      2. Can we figure out language spoken at home (primary)?
      3. Concerns that the mandatory was targeting minority (Hispanic?) populations
      4. News articles about racial/ethnic disparities. Are they claiming unfair offers?
   2. Crime rates by block?
      1. Usually separated by violent and non-violent crime
   3. Education data by block? If it is median, then in Census? Could be school district dummies
   4. Addresses can be used to compute distance to nearest park, city center, grocery store?
2. IPUMs or another dataset have information on neighborhood turnover? If so, what spatial level?

Descriptive statistic: do two-headed households behave different from (plausible) one-headed household?

* More likely to buyout? Which round of offer? Stay or move far?

Main hypothesis: did the switch to mandatory improve or exacerbate racial disparities in the voluntary program?

* Household level benefits/costs? Incentives?
* Community level effects after the buyouts (e.g., parks in nice neighborhoods, empty lots in other neighborhoods?)