**Title**: Interactive mapping of social vulnerability caused by climate change using R

**Description**: The potential impacts of climate change on society are vast and inequitably distributed across space. In fact the World Resources Institute finds that many who are most impacted, contribute the least to climate change. Data and computational tools are essential for addressing these complex social issues. In this workshop, participants will gain hands-on experience through a real world problem by accomplishing the following: acquiring social vulnerability data, transforming these data into a format usable for analysis, and creating an interactive map to explore climate change and social vulnerability. All of this will be conducted using the open-source programming language R (R Studio). Participants will learn some basic R code and gain insights into the spatial distribution of the effects of climate change. No programming experience is required, and beginners are encouraged to attend.

**Requirements**: Participants should bring their own laptops and **MUST** have R and Rstudio installed prior to the start of the workshop.