Research Methodology

This section includes the methodology which includes the research design, source of data, sampling and data collection instrument development.

Research Design

This research design is exploratory and comparative and will cover in-depth study of the Family Disaster Risk Management Plan.

Sources of Data

A. Primary Source
Personally approaching the families in the selected areas and obtaining relevant details by questionnaires.

B. Secondary Source
The secondary data has been collected from various books, journals, periodicals, magazines, proceedings, annual reports, case studies, etc published by the National / International Government and Non-government Organizations; MHA, NIDM, NDMA, SAARK, ISDR, ADPC, UNDP, UNICEF, USAID, UNOCHA, FEMA, IAEM, CalIMA, RiskRED, ALNAP, OXFARM etc, along with my experience and exposure to the disaster risk reduction domain will address the various aspects of the Family Disaster Risk Management Plan as detailed under Research Area.

Sampling

A. Research Area:
Mumbai

B. Sample size
100 families of the community / Society in Byculla, in South Mumbai and Dahisar, in North Mumbai shall be interviewed to solicit their response on the disaster preparedness and responses.

C. Sampling Technique
Cluster and convenience sampling technique shall be used in the survey.

D. Tools of Analysis:-
Data shall be presented with the help of tables, bar graph, pie charts, line graphs etc. The analysis shall be carried out using SPSS; it shall carry out descriptive as well as inferential statistics.

E. Data Collection Instrument Development
The mode of collection of data will be based on Survey Method and Field Activity. Primary data collection will be based upon personal interview. I have prepared the questionnaire accordingly to the necessity of the data to be collected