Seismic Performance Evaluation of Reinforced Concrete Building Structures

- MEMBERS: Evaluation of Residual Axial Capacity of Shear Damaged RC Columns
- SUB-ASSEMBLAGE: Out-of-plane Behavior Evaluation of Masonry Wall Infilled RC Frames
- OVERALL STRUCTURE: Response Evaluation Method of Buildings due to Waterborne Debris Impact Load
- INTERNATIONAL COOPERATION: Project for Technical Development to Upgrade Structural Integrity of Buildings in Densely Populated Urban Areas and its Strategic Implementation towards Resilient Cities

Science and Technology Research Partnership for Sustainable Development (SATREPS)
Project for Technical Development to Upgrade Structural Integrity of Buildings in Densely Populated Urban Areas and its Strategic Implementation towards Resilient Cities

Higher Seismic Risk  Collapse before EQ in Bangladesh

Joint Research Group & Research Themes

1. Fundamental field surveys
2. Development of performance evaluation methodologies
3. Development of retrofit schemes
4. Development of efficient and effective urban planning strategies for safer city

Technologies for enhancing structural resilience of buildings in Dhaka and their effective implementation schemes are proposed.