

# Disaster Risk Management Plan and Planning Map of Gadap Town

## Partner Agencies:

UNHABITAT

## Focal Person:

Prof. Muhammad Masood Rafi

The Department of Earthquake Engineering has been awarded a project entitled Disaster Risk Management Plan and Planning Map of Gadap town, Karachi by United Nations Human Settlements Programme (UNHABITAT). Gadap Town (Figure 1) is spread over 1,200 square kilometres and is located in the north-western part of Karachi. The Hub River is on its western sides which also forms the provincial border between Sindh and Baluchistan. On the north and east of the town are Dadu District and Kirthar Mountains. The area of the town makes it the biggest town of Karachi; it has been divided into eight union councils (UCs). The population of the town is estimated at around 300,000. The trend of population settlement in Gadap town makes it the most sparsely populated unit of the city.

The objective of this project is to carryout vulnerability and disaster risk assessment for Gadap town and to develop risk reduction map for the town. The hazards considered within the scope of this work include earthquake, flood and fire. The study will be conducted both on macro- and micro-level. The former study will be carried out for the Gadap town as a whole whereas the latter study will focus on UC4 of the town. A GIS database of building, population and lifeline systems will also be developed.

