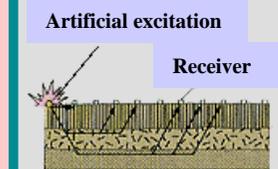


Special Project for Earthquake Disaster Mitigation in Urban Areas (The Special Project of "Dai-Dai-Toku")

To mitigate casualties and property under big earthquakes in urban areas, such as a metropolitan area (South Kanto: Tokyo Metropolis) and Keihanshin (Kyoto-Osaka-Kobe), the special project of "Dai-Dai-Toku" has four major goals.

1) Prediction of (Strong) Ground Motion

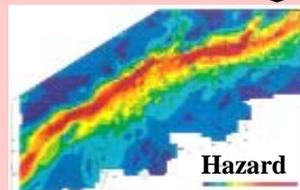
Deep seismic Exploration



Deep Drilling



Regional characterization of the
crust in metropolitan areas



High resolution
Seismic hazard maps
in urban areas

2) Significant Improvement of Seismic Performance of Structures

3-D Shaking Test of Full Scale Structures using E-Defense

- Reinforced Concrete Structures
- Foundations and Geo-Structures
- Wooden Structures



3) Advanced Disaster Management Systems



Advanced Robots
and Information
Systems



Integrated Earthquake Disaster
Simulation Systems

4) Integration of Earthquake Disaster Mitigation Research Results

- Policy development to promote retrofit of existing wooden structures
- Research on the advancement of collection, processing and transfer systems of disaster information
- Policy development to optimize recovery and reconstruction processes from earthquake disasters.

Implementation of Research Results
for Earthquake Disaster Mitigation in Urban Areas

“Standard Guidelines for Earthquake
Disaster Mitigation Strategy”
(to be compiled)