



Institute of Disaster and Environmental Science, Kanazawa Institute of Technology

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<http://www.kanazawa-it.ac.jp/ides/>

Outline:

Institute of Disaster and Environmental Science (IDES) is as an open research center in Kanazawa Institute of Technology. The purpose of IDES is to study “Disaster issues” and “Environmental problems” on architecture and civil engineering fields existing in local cities and local community, and activate academic research in local cities by opening and supporting advanced academic and technical information. IDES also promotes the research and development and assists the development of superior technicians and researchers by conducting cooperative research projects, which are open-type for any general researchers and private companies in local cities.

Research Areas:

IDES research building, which has the most recent large-scale research equipments with four-storey steel structure was established in March, 2009. IDES has implemented the following four research projects.

1. Evaluation and improvement for safety of structures.
2. Research on next-generation architecture and housing considering global environment.
3. Studies on the preservation and inheritance of architecture and culture in local cities.
4. Studies on construction and utilization of wide area disaster systems in the region.

Features of Research Activities:

A new project is under deployment about the disaster countermeasures for a massive earthquake and huge tsunami and countermeasures for the urgent electric power supply from the field of architecture and civil engineering. Specifically, we analyze the cause of the devastating damage of the Great East Japan Earthquake on March 11th, 2011 and take measures against them.

