



Ikuo Towhata

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Academic Experience: 1982 - Research Associate, University of Tokyo.

1982 - Post Doctoral Fellow, University of British Columbia.

1983 - Lecturer, University of Tokyo.

1985 - Assistant Professor, Asian Institute of Technology, Bangkok.

1986 - Associated Faculty of Chulalongkorn University, Bangkok.

1987 - Associate Professor, University of Tokyo.

1989 - Associated research fellow at the Public Works Research

Institute, Ministry of Construction.

1994 – Professor, University of Tokyo

Affiliations:

Member of the Japanese Geotechnical Society

Member of the Southeast Asian Geotechnical Society

Member of the International Society of Soil Mechanics and Geotechnical Engineering

Fellow member of the Japan Society of Civil Engineers

Member of the Japan Association for Earthquake Engineering

Member of the Japan Landslide Society

Awards

1985 Japanese Society of Soil Mechanics and Foundation Engineering, Award for the Best Paper by Young Authors.

1985 Awarded by the Minister of Education for the best performance in education by correspondence (in the field of electric engineering).

1997 Japanese Geotechnical Society, Award for the Best Paper of the Year 1996.

1998-1999 Shamsheer Prakash Research Award of Soil Dynamics.

2000 Japanese Geotechnical Society, Award for Distinguished Research Products.

2000 One of the best twelve papers out of 600 at GeoEng2000 Conference at Melbourne.

2004 Japanese Geotechnical Society, Award for the Best Paper of the Year 2003.

Fields of Major Interest:

1. Deformation characteristics of cohesionless soils.
2. Dynamic analysis of earth structures during earthquakes.
3. Permanent displacement of ground caused by seismic liquefaction.
4. Soil improvement by densification and grouting
5. Stability of seabed in static and dynamic manners.
6. Thermal effects on mechanical behavior of clays.
7. Microscopic Observation of Granular Behavior of Sand Subjected to Shear
8. Dynamics of landslide and debris flow.

9. Mechanical Properties of Municipal Waste Ground