

Invited lectures at international conferences and symposia:

1. Tatsuoka,F. (1988), "Some recent developments in triaxial testing system for cohesionless soils", SOA report, ASTM STP No.977, pp.7-67.
2. Tatsuoka,F. and Shibuya,S. (1991), "Deformation characteristics of soils and rocks from field and laboratory tests", Keynote Lecture for Session No.1, Proc. of the 9th Asian Regional Conf. on SMFE, Bangkok, Vol.II, pp.101-170.
3. Tatsuoka,F., Murata,O. and Tateyama,M. (1991), "Permanent geosynthetic-reinforced soil retaining walls used for railway embankments in Japan", Invited Lecture, Proc. International Symposium on Geosynthetic- Reinforced Soil Retaining Walls, Colorado (Wu ed.), Balkema, pp.101-130.
4. Tatsuoka,F. (1992), "Roles of facing rigidity in soil reinforcing", Keynote Lecture, Proc. Earth Reinforcement Practice(IS-Kyushu '92), Vol.II, pp.831-870.
5. Tatsuoka,F. and Kohata,Y. (1995), "Stiffness of hard soils and soft rocks in engineering applications", Keynote Lecture, Proc. of Int. Symposium Pre-Failure Deformation of Geomaterials (Shibuya et al., eds.), Balkema, Vol. 2, pp.947-1063.
6. Tatsuoka,F., Lo Presti,D.C.F. and Kohata,Y. (1995), "Deformation characteristics of soils and soft rocks under monotonic and cyclic loads and their relationships", SOA Report, Proc. of the Third Int. Conf. on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics, St Louis (Prakash eds.), Vol.2, pp.851-879.
7. Tatsuoka,F., Tateyama,M., Koseki,J. and Uchimura,T. (1995), "Geotextile-reinforced soil retaining wall and their seismic behaviour", Special Lecture, Proc. of the 10th Asian Regional Conf. on S.M.F.E., Beijing, Vol.2, pp.26-49.
8. Tatsuoka,F., Kohata,Y., Ochi,K. and Tsubouchi,T. (1995), "Stiffness of soft rocks in Tokyo metropolitan area - from laboratory tests to full-scale behaviour", Keynote Lecture, Proc. Int. Workshop on Rock Foundation of Large-Scale Structures, Tokyo, Balkema, pp.3-17.
9. Tatsuoka,F., Tateyama,M, Uchimura,T. and Koseki,J. (1997), "Geosynthetic-Reinforced Soil Retaining Walls as Important Permanent Structures", the 1996-1997 Mercer Lecture, Geosynthetic International, Vol.4, No.2, pp.81-136.
10. Tatsuoka,F., Koseki,J., and Tateyama,M. (1997), "Performance of reinforced soil structures during the 1995 Hyogo-ken Nanbu Earthquake", Special Lecture, International Symposium on Earth Reinforcement (IS Kyushu '96), Balkema, Vol.2, pp.973-1008.
11. Tatsuoka,F., Jardine,R.J., Lo Presti,D., Di Benedetto,H. and Kodaka,T. (1997), "Characterising the Pre-Failure Deformation Properties of Geomaterials", Theme Lecture for the Plenary Session No.1, XIV IC on SMFE, Hamburg, September 1997.
12. Tatsuoka,F., Koseki,J., Tateyama,M., Munaf,Y. and Horii,N. (1998), "Seismic Stability Against High Seismic Loads of Geosynthetic-Reinforced Soil Retaining Structures", Keynote Lecture, Proc. 6th Int. Conf. on Geosynthetics, Atlanta, Vol.1, 103-142.
13. Tatsuoka,F., Santucci de Magistris,F., Hayano,K., Momoya,Y. and Koseki,J. (1998): "Some new aspects of time effects on the stress-strain behaviour of stiff geomaterials", Keynote Lecture, The Geotechnics of Hard Soils ? Soft Rocks, Proc. of Second Int. Conf. on Hard Soils and Soft Rocks, Napoli (Evangelista and Picarelli eds.), Balkema, Vol.2.
14. Tatsuoka,F., Modoni,G., Jiang,G.L., Anh Dan,L.Q., Flora,A., Matsushita,M., and Koseki,J. (1999): "Stress-Strain Behaviour at Small Strains of Unbound Granular Materials and its Laboratory Tests", Keynote Lecture, Workshop on Modelling and Advanced testing for Unbound Granular Materials, January 21 and 22, 1999, Lisboa, Portugal.
15. Tatsuoka,F., Uchimura,T., Hayano,K. and Koseki,J. (1999): "Some Issues of Deformation of Geomaterials in Engineering Practice", Keynote lecture for Second International Symposium on Pre-Failure Deformation Characteristics of Geomaterials, September, 1999, Torino
16. Tatsuoka,F. (2000): Impacts on geotechnical engineering of several recent findings from laboratory stress-strain tests on geomaterials, the 2000 Burmister Lecture, the Columbia University, N.Y.

17. Tatsuoka, F., Hirakawa, D., Shinoda, M., Kongkitkul, W. and Uchimura, T. (2004) "An old but new issue ; viscous properties of polymer geosynthetic reinforcement and geosynthetic-reinforced soil structures", Keynote Lecture, Proceedings of GeoAsia2004, Seoul.
18. Tatsuoka, F. (2004) "Cement-mixed soil for Trans-Tokyo Bay Highway and railway bridge abutments", Proceedings of GeoTrans04, GI, ASCE, Los Angeles.
19. Tatsuoka, F. (2004) "Actual stress-strain-time behaviour of geomaterial versus design models", Proceedings of 12th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering (Leung et al eds.), Vol.2, pp.1011 - 1032.
20. Tatsuoka, F. (2005) "Remedy works by geosynthetic-reinforcing technology of soil structures damaged by earthquakes and heavy rainfalls", Proceedings of International Symposium on Tsunami Reconstruction with Geosynthetics Protection, Mitigation and Rehabilitation of Coastal and Waterways Erosion Control, Bangkok, 8&9 December 2005 (Bergado eds.).

Invited panel discussions at the International Conferences:

1. Tatsuoka,F. (1994), "Measurement of static deformation moduli in dynamic tests", Panel Discussion on Deformation of soils and displacements of structures, Panel Discussion, Proc. of the 10th European Conf. on S.M.F.E., Vol.4, pp.1219-1226.
2. Tatsuoka,F., Siddiquee,M.S.A. and Tanaka,T. (1994), "Link among design, model tests, theories and sand properties in bearing capacity of footing on sand", Panel Discussion, Proc. of the 13th Int. Conf. on S.M.F.E., Vol.13, No.5, pp.87-88.
3. Tatsuoka,F., Kohata,Y., Tsubouchi,T., Murata,K., Ochi,K. and Wang,L. (1995), "Sample disturbance in rotary core tube sampling of softrock", Conf. on Advances in Site Investigation Practice, Institution of Civil Engineers, London, pp.281-292.
4. Tatsuoka,F., Hayano,K. and Koseki,J. (1999), "Evaluation and modelling of viscous deformation properties of softrock", Technical Session 1, 11th Asian Regional Conf. on Soil Mechanics and Geotechnical Engineering, Seoul.

Book in English (edited) :

1. Permanent Geosynthetic-Reinforced Soil Retaining Walls (Tatsuoka and Leshchinsky eds.), Balkema, 1994.
2. Advanced Laboratory Stress-Strain Testing of Geomaterials (Tatsuoka et al. eds.), Balkema 2001.
3. Reinforced soil engineering, Advances in Research and Practice (Ling, Leshchinsky and Tatsuoka eds.), Marcel Dekker 2003.