

## ACADEMIC SHORT CV



Department of Civil and Environmental Engineering  
**The University of Tokushima**  
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**NAME:** Fumiaki NAGAO

**CURRENT POSION:** Professor of Wind Engineering

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### Academic Qualifications:

- 1984 D.E. Civil Engineering, Kyoto University
- 1981 M.E. Construction Engineering, The University of Tokushima
- 1979 B.E. Civil Engineering, The University of Tokushima

### Membership and Committees:

- 2007 Japanese Society of Steel Construction
- 2006 Japan Society for Natural Disaster Science
- 1982 Japan Association for wind Engineering
- 1978 Japan Society of Civil Engineers

### Present and recent interests of research:

- Wind resistant design, Wind disaster, Wind environment

### Research Publications:

#### Refereed Journal Articles:

- Sukamta, F. Nagao, M. Noda and K. Muneta : Aerodynamic stability of Suramadu cable stayed bridge, Journal of Structural Engineering, Vol.54A, pp.429-435, 2008.
- F. Nagao, H. Utsunomiya, M. Noda and Y. Oshima : Basic Study on Spatial Correlations of Fluctuating Lifts Acting on Plates, Journal of Wind Engineering and Industrial aerodynamics, Vol.91, No.12, pp.1349-1361, 2003.
- H. Utsunomiya, F. Nagao and I. Urakami : Regression analysis of local wind properties with local topographic factors, Journal of Wind Engineering and Industrial Aerodynamics, Vol.74, pp.175-187, 1998.
- F. Nagao, H. Utsunomiya, E. Yoshioka, A. Ikeuchi and H. Kobayashi : Effects of Handrails on Separated Shear Flow and Vortex-Induced Oscillation, Journal of Wind Engineering and Industrial Aerodynamics, Vol.69-71, pp.819-827, 1997.

### Papers in Refereed Conference Proceedings:

- F. Nagao, M. Noda, M. Inoue and S. Matsukawa : Properties of wake excitation in tandem circular cylinders with several kinds of surface roughness, Proceedings of 7th International Colloquium on Bluff Body Aerodynamics & Applications, pp.1-8, Shanghai, Sep. 2012.
- F. Nagao, M. Noda and K. Takaaki : Screening of Topographic Factor on Wind Speed Estimation with Neural Network Analysis, Proceedings of 7th Asia Pacific Conference on Wind Engineering, pp.653-656, Taipei, Nov. 2009.
- F. Nagao, M. Noda, H. Utsunomiya and T. Negayama : Improvement of Flutter for a Plate-Girder Deck with Some Aerodynamic Devices, Proceedings of the Sixth Asia-Pacific Conference on Wind Engineering, pp.827-838, Seoul, Sep. 2005.