

New Frontier of Education and Research in Wind Engineering

Professional Interest

Computational Fluid Dynamics and its application to techniques, solutions, and the urban design for wind engineering problem solving and structure design at preliminary design stage. With a strong understanding of theoretical fluid dynamics and analytical/numerical methods, I wish to apply this knowledge to the solution of practical problems in field site and engineering, including wind environment, pollution diffusion, wind load on the building, interference effects among tall buildings, etc.

Research Activities

- Meso-scale modeling for analyzing urban heat phenomena
- Investigate characteristics of sea-breeze to utilize cool energy of sea-breeze
- Develop urban canopy model



Name and Stand
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Hometown
Seoul, The Republic of
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Profile
Study
Ph. D degree at Colorado State
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Work
WEFL (Wind Engineering &
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