

Tai-An Chen

Current position

Adjunct Assistant Professor
Center of General Education
Taipei Medical University, Taiwan
Adjunct Assistant Professor
Center of General Education
Chung-Hua University, Taiwan
Song-Yu Industrial Co., Ltd., Taiwan
Supervisors
Kaohsiung Metal Industrial Co., Ltd., Taiwan
Director



Research Interests

Structural Engineering
Discrete Element Analysis
Global environmental changes
Sustainable Development

Contact

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Education

2001.07, **PhD in Civil Engineering**,
College of Engineering, National Central University

Experience

1991.06~1992.06, **Researcher** of Long Da Construction & development Corporation
1998.08 ~ 2000.01, **Part-time Instructor** of Chung-Hua University, Department of Civil Engineering
1997.02 ~ 2002.01, **Part-time Instructor** of Chung-Hua University, Center of Center of General Education
2005.08 ~ 2006.07, **Adjunct Assistant Professor** of Chung Yuan Christian University, Department of Civil Engineering
2002.02 ~ 2010.07, **Adjunct Assistant Professor** of Chung-Hua University, Center of General Education
2002.02 ~ 2010.07, **Adjunct Assistant Professor** of Taipei Medical University, Center of General Education
2004.08 ~ 2010.07, **Supervisors** of Song-Yu Industrial Co., Ltd.

International Affairs

- Director of TSSBE (iiSBE-Taiwan), 2010

Recent Projects

- Principal Investigator, "Research On Planting Above Water And Design Floating Field System", Archilife Research Foundation, 2006.09-2007.06
- Principal Investigator, "Research On Floating Field System", Archilife Research Foundation, 2005.09-2006.06

Awards Received

- 1993, Scholarship of Master thesis by China Engineering Consultants, Inc., Taiwan
- 1994, Scholarship of Master thesis by Archilife Research Foundation
- 2001, Scholarship of PhD thesis by Archilife Research Foundation

Membership

- Taiwan Society of Sustainable Built Environment (TSSBE)

A. (Peer Reviewed Journals)

- J1 Chung-Yue Wang, Jo-Pan Sheng, Tai-An Chen, 2002.03, A Fast Contact Searching Scheme for 3D Particles, *Journal of the Chinese Institute of Civil & Hydraulic Engineering*. Vol. 14, No. 1, pp. 177-184.
- J2 Chung-Yue Wang, Jo-Pan Sheng, Tai-An Chen, 2002.12., A Nonlinear Normal Impact Analysis Method of Round Particles, *The Chinese Journal of Mechanics*, Vol.18., pp. 159-168.

B. (International Conference with peer reviewed)

- C1 Shyi-Lin Lee, Tai-An Chen, 1993.10., Nonlinear Analysis for Stiffness Matrix Method on Semi-Rigid Frames, Conference on Computer Applications in Civil and Hydraulic Engineering in 1993, Taiwan.
- C2 Shyi-Lin Lee, Tai-An Chen, 1994.11., The Effect of Semi-rigid Connections on the Design of Steel Frames, The Second National Conference on Structural Engineering, Taiwan.
- C3 Chung-Yue Wang, Jo-Pan Sheng, Tai-An Chen, 2000.2., A Fast Search Algorithm for 3D Dynamic Particles' Contact, Conference on Computer Applications in Civil and Hydraulic Engineering in 1999, pp.503-512, Taichung, Taiwan.
- C4 Chun-ju Li, Chuan-Kai Lee, Ding-Chyu Liu, Tai-An Chen(2007).Expectable evaluation of applying symbiosis to current sustainable development indicators of Taiwan. SB07 Taipei.
- C5 Tai-An Chen(2007).Agricultural Strategy Against Climate Change –Floating Vegetation. SB07 Taipei.
- C6 Tai-An Chen(2008).Study on the floating field system. World SB08 Melbourne.