**CURRICULUM VITAE**

**NAME**: Theodore (Ted) STATHOPOULOS

**STATUS**: Professor, Tenured Member,

 Centre for Building Studies/ Centre for Building Studies; Centre for Zero Energy Building Studies

 Department of Building, Civil and Environmental Engineering

 Concordia University

 Montreal, CANADA

**DEGREES**: Civil Engineering Diploma, National Technical University of Athens 1970

 Master of Engineering Science, The University of Western Ontario 1976

 Ph.D., The University of Western Ontario 1979

 Honorary Doctorate, Aristotle University of Thessaloniki, Greece 2011

 Honorary Doctorate, Eindhoven University of Technology, The Netherlands 2015

**DATE OF APPOINTMENT TO CONCORDIA UNIVERSITY**: June 1, 1979

**ACADEMIC EXPERIENCE**:

**The University of Western Ontario, London, Ontario;**

Teaching Assistant, Faculty of Engineering Science, Sept. 1974 to Dec. 1978

Research Assistant, The Boundary Layer Wind Tunnel Laboratory, Dec. 1973 to Dec. 1978

**Concordia University, Centre for Building Studies / Department of Building, Civil and Environmental Engineering, Montreal, Quebec;**

Research Associate, Jan. 1979 to May 1979

Assistant Professor, June 1979 to May 1982

Associate Professor, June 1982 to May 1987

Associate Director, June 1983 to June 1995

Director, June 1998 to May 2001

Professor, June 1987 to present

**Concordia University, Faculty of Engineering and Computer Science, Montreal, Quebec;**

Associate Dean, Academic and Administrative Affairs, July 1993 to June 1997

Associate Dean, Instructional Affairs, July 1997 to June 1998

**Technical University of Eindhoven, The Netherlands;**

Visiting Professor, May 1999 to August 1999

**Tokyo Polytechnic University, Japan;**

Global Center of Excellence (GCOE): New Frontier of Education and Research in Wind Engineering

Guest Professor, 2008 to 2013

**Concordia University, School of Graduate Studies, Montreal, Quebec;**

Associate Dean, Curriculum, Programs and Awards, January 2003 to April 2010

**Beijing Jiatong University; Chongqing University; China;**

Visiting Professor "111 Talents" Project 2014 to 2019 and 2018 to 2023

**Technical University of Eindhoven, The Netherlands;**

Distinguished Professor in Building Physics, Urban Physics and Wind Engineeri 2015 to 2019 and 2019 to 2023

**INDUSTRIAL EXPERIENCE**:

J. Stefanou and Assoc., Athens, Greece; Structural Design Engineer, Sept. 1970 to Nov. 1973

**PROFESSIONAL REGISTRATIONS**:

Member, Order of Engineers of Quebec

Member, Professional Engineers of Ontario

Member, Technical Chamber of Greece

**PROFESSIONAL SOCIETY MEMBERSHIPS**:

**Fellow, Canadian Academy of Engineering (CAE)**

Fellow, Institution of Civil Engineers (ICE)

Fellow, American Society of Civil Engineers (ASCE)

Fellow, Structural Engineering Institute (SEI)

Member, American Association for Wind Engineering/Wind Engineering Research Council

**PUBLICATIONS**:

Total Number of Refereed Journal Publications: 242 (205 papers & 37 editorial/discussions)

Total Number of Books/Contributions to Books: 22

Total Number of Refereed Conference Presentations: 355

Total Number of Other Publications: 46

**PROFESSIONAL SERVICE, HONOURS AND AWARDS**:

1. Elected as Americas' Regional Representative in the General Assembly and the Executive Board of the International Association for Wind Engineering - IAWE (2003-07); re-elected (2007-2011); Consultative member of the Board (2011-present); Member of Awards Committee (2017-2020).
2. Elected member of the NSERC Discovery Grant Adjudication Committee (1509) - Civil, Industrial and Systems Engineering (2017-2020).
3. Elected member of the Board of Directors of the American Association for Wind Engineering - AAWE (2003-07). Member of Awards Committee (2004-2005).
4. Elected Convenor of the International Standards Organization (ISO) TC 098 / SC03 /WG 02 “Wind Action on Structures” on behalf of Standards Council Canada (SCC) (2022- present)
5. Elected Member of the National Building Code of Canada (NBCC) Standing Committee on Structural Design (SC-SD) – Task Group on Climatic Loads (TG-CL) (2015-present).
6. Elected Member of Minimum Design Loads for Buildings and Other Structures Standards Committee ASCE (1986-present) – currently ASCE 7.
7. Elected Member of ASCE Standards Committee on Wind Tunnel Testing (1993-2012). Also member of the ASCE 49 Standards Committee (2017-2021).
8. Elected Member of the Executive Committee of ASCE Aerospace Division (1997-2002); Vice-chair (1999-2000); Chair (2000-2001); Past Chair (2001-2002). Member of Advisory Board (2002-present).
9. Elected Member of ASCE Committee on Aerodynamics and Subcommittee on Aerodynamic Testing (1987-2007); Chair of Aerodynamics Committee (1992-1997). Elected Chair of ASCE Aerodynamics Subcommittee on Numerical Flow Model­ing (1989-2007); Chair of Task Committee on Computational Fluid Dynamics in Wind Engineering (1990-1992); Member of Environmental Wind Engineering Committee (EWEC) (2007-2017).
10. Elected Member of ASCE Publications Committee (2007-2010).
11. Elected Member of ASCE Committee on Structures and Dynamics (1990-2005).
12. Elected Member of ASCE Committee on Experimental Analysis and Instrumentation (1984-present); Vice-chair (1990-1992); Chair (1992-1994).
13. Appointed **Editor**, J. of Wind Engineering and Industrial Aerodynamics (2005-present).
14. Appointed **Associate Editor**, J. of Engineering Mechanics ASCE (1990-1994).
15. Elected Member of Editorial Board, J. of Aerospace Engineering ASCE (1998-present); Guest Editor of the October 1999 issue dedicated to Computer-aided Wind Engineering. J. Wind and Structures (2000-present); J. Wind and Engineering (ISWE) (2004-present); The Open Construction and Building Technology Journal (2016-present), Buildings (MDPI) (2021-present).
16. Elected Member of Executive Committee of the ASCE Technical Council on Wind Engineering (TCWE); Chair (2007-2014).
17. Elected Member of ASCE Committee on Wind Effects (1979-1982, 1984-1989, 1992-1998 and 2000-2006); Chair (2001-2005); Member of Structural Wind Engineering Committee (SWEC) (2007-present); Chair of Sub-Committee on Wind Loads on Solar Panels (2013-present).
18. Elected Member of ASCE Committee on Safety of Buildings (1983-1986).
19. Invited Member of the International Advisory Board of the European Research Council (ERC) 2016 entitled Detection, simulation, modeling and loading of thunderstorm outflows to design wind-safer and cost-efficient structures (G. Solari, University of Genova) (2017-2022).
20. Invited Member of the Academic Committee, Hellenic Scholarship Foundation (1990-91, 1991-92, 1992-93, 1993-94, 1996-97, 1997-98, 1998-99, 2001-02, 2002-03, 2004-05); Chair (2009-10).
21. Appointed judge in the Bell Montreal Science Fair (1996, 1997) and Royal West Academy (1998, 1999).
22. Appointed member of the Advisory Board to the Electronic Standard for Wind Loads, Wind Science and Engineering, Texas Tech University, Lubbock, Texas (1999-2005).
23. Reviewer of papers submitted to a number of international journals including ASCE, CJCE and JWEIA (on a regular basis); also reviewer of NSERC strategic, industrial and operating (research, discovery) grants, URF and other applications; reviewer of FCAR/NATEQ/FQRNT applications; panel review member for EPA (USA); reviewer for NSF (USA); reviewer for EPSRC (UK); reviewer for ETH (Switzerland); reviewer for Hong Kong Polytechnic; reviewer for CERG (Hong Kong); reviewer for ARC (Australia); reviewer for APELLA (Greece); reviewer for MIUR (cineca), Italy; reviewer for PRISMA, Sweden.
24. Session chairman or *rapporteur* on several national and international conferences taken place in Canada, U.S.A., Europe, Asia and Australia.
25. **Invited speaker** at the 5th International Conference on Building Energy and Environment (COBEE2022) Montreal, Canada, July 25-29, 2022; Missouri University of Science & Technology, Rolla, MO, USA, April 28, 2022; CAE Roadmap to Resilient Ultra-Low Energy Built Environment with Deep Integration of Renewables in 2050, Montreal Symposium – Webinar, October 12, 2021; University of Genova, Genova, Italy, October 4-6, 2021; Xi’an University of Architecture and Technology, Xi’an, China, September 17, 2021; Italian Association for Wind Engineering (ANIV-G), February 12, 2021; International Wind Engineering Seminar Series, University of Birmingham, U.K., November 5, 2020; CAE Roadmap to Resilient Ultra-Low Energy Built Environment with Deep Integration of Renewables in 2050, Montreal Symposium – Webinar, October 16, 2020; CADTH – Heating, Ventilation, and Air Conditioning Systems in Public Spaces – Expert Panel, August 21, 2020; FIU-NSF Mid-Scale Research Infrastructure Facilities Conference – Virtual, August 20-21, 2020; Mossen School of Construction, Infrastructure and Sustainability of the Florida International University (FIU), Miami, Florida, February 21, 2020; 15th International Conference on Wind Engineering (ICWE15) – keynote - Beijing, China, September 1-6, 2019; Workshop on Physical Modeling of Environmental Flow & Dispersion Phenomena (PHYSMOD 2019) – keynote - Hong Kong, August 26-28, 2019; Lebanese American University, Byblos, Lebanon, July 1, 2019; Structural Engineering Institute, Maryland Chapter, Baltimore, MD, USA, March 5, 2019; Morgan State University, Baltimore, MD, USA, March 4, 2019; University of Genova, Genova, Italy, September 28, 2018; 15th Italian National Conference on Wind Engineering IN-VENTO-2018, September 9-12, 2018 **(Keynote)**; Hong Kong Polytechnic University, Hong Kong, China, August 23, 2018; 7th Intern. Symposium on Computational Wind Engineering, Seoul, Korea, June 18-22, 2018; MBMA Research Symposium, Dallas, TX, USA, February 21, 2018; Missouri University of Science & Technology, Rolla, MO, USA, February 16, 2018; International High-end Forum on Structure Engineering and Wind Engineering, Chongqing University, Chongqing, China, October 14-15, 2017;at the WINERCOST'17 – International Conference on Wind Energy Harvesting 2017, University of Coimbra, Portugal, April 20-21, 2017; at the Climate Change Adaptation Technologies for Roofing Workshop, NRC, Ottawa. Canada, December 15, 2016; at the 14th International Symposium on Structural Engineering, Beijing, China, October 12-15, 2016; Beijing Jiatong University, China, October 12-17, 2015; Southwest Jiatong University, Chengdu, China, October 10-12, 2015; Smart Net Zero Resilient Buildings and Communities Symposium, Concordia University, Montreal, Canada, August 20-21, 2015;at the International Training School on Advances in Wind Energy Technology, COST Action TU1304 WINERCOST, University of Malta, May 26-31, 2015; at the Honorary Symposium "Wind on Buildings and Cities", Eindhoven University of Technology (TUE), The Netherlands, April 29, 2015;at the International Symposium on Wind Tunnels, AllianzaFIDEM, UNAM, Mexico City, Mexico, November 6, 2014; at Beijing Jiatong University, China, September 12-16, 2014; at IRSST, Montreal, September 3, 2014; at the Ph.D. Summer School on the Net-Zero Energy Building Modeling and Design for High Performance, Concordia University, Montreal, Canada, August 20-28, 2014; at the National Technical University of Athens (NTUA), Greece, July 10, 2014; at the Sixth International Symposium "Wind Effects on Buildings and Structures" (ISWE6), Tokyo, Japan, March 6, 2013; at the School of Civil Engineering, University of Birmingham, UK, October 12, 2012; 12th Italian National Conference on Wind Engineering IN-VENTO-2012, October 7-10, 2012; International Doctoral Course on Civil and Environmental Engineering, University of Florence, Italy, October 5, 2012; ASHRAE, Montreal section, May 9, 2011; International Workshop on Wind Engineering Research and Practice, Chapel Hill, NC, USA, May 28-29, 2010; University of Thessaly, Volos, Greece, March 18, 2010; University of Florida, Gainesville, FL, February 15, 2010; at the International Centre for Mechanical Sciences (CISM), Udine, Italy, September 14-18, 2009; 5th European & African Conference on Wind Engineering, Florence, Italy, July 19-23, 2009; Hong Kong Polytechnic University, FCLU Distinguished Lecture series, March 31, 2009; Fourth International Symposium on Wind Effects on Buildings and Urban Environment (ISWE4), Cooperative Actions for Disaster Risk Reduction (CADRR), Tokyo, Japan, March 4-6, 2009; Opening Ceremony for the new Wind Tunnel Facility at the City University, Hong Kong, December 4, 2008; First International Workshop on Wind and Steel Structures, Irbid, Jordan, May 5, 2008; Third International Symposium on Wind Effects on Buildings and Urban Environment (ISWE3), Tokyo, Japan, March 4-5, 2008; at the Second International Workshop on Energy Performance and Environmental Quality of Buildings, Milos Island, Greece, July 12-13, 2007; at the Workshop on Postgraduate Education in Civil Engineering Departments of Greek Universities, Thessaloniki, Greece, November 10, 2006; at the International Centre for Mechanical Sciences (CISM), Udine, Italy, September 18-22, 2006; at the von Karman Institute for Fluid Dynamics, Belgium, February 20-24, 2006; at the Second International Workshop on Natural Ventilation, Tokyo, Japan, December 1-2, 2005; at the Sixth Asia-Pacific Conference on Wind Engineering (APCWE VI), Seoul, Korea, September 12-14, 2005; at the International Conference on Urban Wind Engineering & Building Aerodynamics (COST ACTION C14), Von Karman Institute for Fluid Dynamics, Belgium, May 5-7, 2004; at IRSST, Montreal, March 23, 2004; at the First International Symposium on Wind Effects on Buildings and Urban Environment, Tokyo Polytechnic University, March 8-9, 2004; at the Second National Conference on Wind Engineering, VNIT, Nagpur, India, February 12-14, 2004; at the Eleventh International Conference on Wind Engineering, Texas Tech University, Lubbock, Texas, June 2-5, 2003; at the Institute for Research in Construction, NRC, Ottawa, June 25, 2001; at the Aristotle University of Thessaloniki, Greece, January 16, 2001; at the 3rd Intern. Symposium on Computational Wind Engineering, University of Birmingham, UK, September 4-7, 2000; at the International Symposium on Wind and Structures for the 21st Century, Chejudo, Korea, January 26-28, 2000; at Texas Tech University, September 27, 1999; at the Ruhr-University of Bochum, Germany, June 14, 1999; at the Technical University of Eindhoven, The Netherlands, May 18-19, 1999; at the Iowa State University, February 26, 1999; at IRSST, Montreal, January 21, 1999; at CERCA, Montreal, October 10, 1996; at the 2nd Intern. Symposium on Computational Wind Engineering, Colorado State University, August 4-8, 1996; at the 7th U.S. National Conference on Wind Engineering, University of California, Los Angeles, June 27-30, 1993; at the 1st National Congress on Computational Mechanics, Athens, Greece, September 3-4, 1992; at the 1st Intern. Symposium on Computational Wind Engineering, Tokyo, Japan, August 21-24, 1992; at the 2nd National Concrete Engineering Conference, Chicago, Il., March 30-April 1, 1992; at the Symposium on High Winds and Building Codes organized by the University of Missouri-Columbia, November 2-4, 1987; at the 10th Annual Short Course on Wind Effects on Buildings and Structures, University of Missouri-Columbia, June 12-14, 1985; at the NBS/NSF Wind Tunnel Modeling Workshop, U.S. Dept. of Commerce, Gaithersburg, MD, April 14-16, 1982; and several other national and international conferences, research meetings etc.
26. **Invited member of International Scientific Advisory Board** of the 16th International Conference on Wind Engineering (ICWE16), Florence, Italy, August 27-31, 2023; 8th European-African Conference on Wind Engineering (8EACWE2022), Bucharest, Romania, September 20-23, 2022; 5th International Conference on Building Energy and Environment, (COBEE2022), , Montreal, Quebec, Canada, July 25-29, 2022; 4th American Conference on Wind Engineering (ACWE), Lubbock, TX, USA. May 17-19, 2022; 3rd International Conference Coordinating Engineering for Sustainability and Resilience CESARE'22, Irbid, Jordan, May 6-9, 2022; Ninth International Colloquium on Bluff Body Aerodynamics & Applications (BBAA IX), Birmingham, UK, July 20-23, 2020; 15th International Conference on Wind Engineering, Beijing, China, September 1-6, 2019; CESARE'19 International Conference on Sustainability and Resilience of Urban Infrastructure, Shanghai, China, May 6-7, 2019; 8th International Conference on Environmental Effects on Buildings and People – Actions, Influences, Interactions, Discomfort, EEBPVIII, Cracow, Poland, October 3-5, 2018; XV Conference of the Italian Association for Wind Engineering (IN-VENTO 2018), Napoli, Italy, September 9-12, 2018; International Symposium on Computational Wind Engineering (CWE2018), Seoul, Korea, June 18-22, 2018; eSim 2018, Montreal, Canada, May 8-11, 2018; 14tth Arab Structural Engineering Conference (ASEC), Jordan, April 12-15, 2018; International Workshop on Wind-Related Disasters and Mitigation (WRDM), Sendai, Japan, March 11-14, 2018; International Conference on Urban Comfort and Environmental Quality, Urban-CEQ, Genova, Italy, September 28-29, 2017; ERC Advanced Grant for THUNDERR 741273 project, University of Genoa, 2017-2022; Seventh European-African Conference on Wind Engineering (EACWE 2017), Liege, Belgium, July 3-6, 2017; 13th Americas Conference on Wind Engineering (13ACWE), Gainesville, Florida, May 21-24, 2017; CESARE'17 Conference on Coordinating Engineering for Sustainability and Resilience, Dead Sea, Jordan, May 3-8, 2017; 6th International & 43rd National Conference on ‘Fluid Mechanics and Fluid Power' (FMFP-2016), Allahabad, India, December 15-17, 2016; SBE 16 Conference on Sustainable Synergies: from Buildings to the Urban Scale, Thessaloniki, Greece, October 17-19, 2016; XIV Conference of the Italian Association for Wind Engineering (IN-VENTO 2016), Terni, Italy, September 25-28, 2016; First International Conference on Natural Hazards and Infrastructure, Chania, Crete, Greece, June 28-30, 2016; Second International Conference on Performance-based and Life-cycle Structural Engineering, Brisbane, Australia, December 9-11, 2015; 14th International Conference on Wind Engineering, Porto Alegre, Brazil, June 21-26, 2015; Eighth Asia-Pacific Conference on Wind Engineering (APCWE-VIII), Chennai, India, December 10-14, 2013; Sixth European and African Conference on Wind Engineering, Cambridge, UK, July 7-11, 2013; 12th Americas Conference on Wind Engineering (12ACWE), Seattle, Washington, June 16-20, 2013; First International Conference on Performance-based and Life-cycle Structural Engineering, Hong Kong, China, December 5-7, 2012; Seventh International Colloquium on Bluff Body Aerodynamics & Applications (BBAA VII), Shanghai, China, September 2-6, 2012; Engineering Mechanics Institute (EMI) Conference, Notre Dame, IN, June 17-20, 2012; 13th International Conference on Wind Engineering, Amsterdam, The Netherlands, July 11-15, 2011; 5th International Symposium on Computational Wind Engineering, Chapel Hill, NC, May 23-27, 2010; 7th Asia-Pacific Conference on Wind Engineering (APCWE-VII), Taipei city, Taiwan, November 8-11, 2009; International Workshop on Physical Modelling of Flow and Dispersion Phenomena (PHYSMOD2009), Von Karman Institute for Fluid Dynamics, Belgium, August 24-26, 2009; 5th European & African Conference on Wind Engineering, Florence, Italy, July 19-23, 2009; 4th International Building Physics Conference, Istanbul, Turkey, June 15-18, 2009; 2nd PALENC Conference and 28th AIVC Conference, Crete Island, Greece, September 27-29, 2007; International Workshop on Physical Modelling of Flow and Dispersion Phenomena (PHYSMOD2007), Orléans, France, August 29-31, 2007; Fourth International Symposium on Computational Wind Engineering (CWE2006), Yokohama, Japan, July 16-19, 2006; Third National Conference on Wind Engineering – 2006, Kolkata, India, January 5-7, 2006; 6th Asia-Pacific Conference on Wind Engineering, Seoul, Korea, September 12-14, 2005; Fourth European & African Conference on Wind Engineering, Prague, Czech Republic, July 11-15, 2005; Tenth Americas Conference on Wind Engineering (10ACWE), Baton Rouge, Louisiana, May 31 – June 4, 2005; International Conference of Passive and Low Energy Cooling for the Built Environment, Santorini, Greece, May 19-21, 2005; 11th International Conference on Wind Engineering, Texas Tech University, Lubbock, Texas, June 2-5, 2003; Fourth International Colloquium on Bluff Body Aerodynamics and Applications, Ruhr-University of Bochum, Germany, September 11-14, 2000; 3rd International Symposium on Computational Wind Engineering, University of Birmingham, U.K., September 4-7, 2000; 2nd International Symposium on Computational Wind Engineering, Colorado State University, August 4-8, 1996; 2nd Intern Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, Concordia University, May 10-12, 1995.
27. Member of technical committee and steering committee of the 9th Biennial ASCE Intern. Conference (EARTH and SPACE 2004), League City, Texas, March 7-10, 2004; Member of organizing committee of the 9th Intern. Conference on Wind Engineering, Delhi, India, January 9-13, 1995; 1st Intern. Symposium on Computational Wind Engineering, Tokyo, Japan, August 21-24, 1992; 8th Intern. Conference on Wind Engineering, London, Canada, July 8-12, 1991; 5th Intern. Congress on Experimental Mechanics, Montreal, Canada, June 10-15, 1984.
28. Active participant in the Cooperative Program in Science and Technology of the European Union COST ACTION C14 – Wind and Cities (2001-2004); COST C16 – Improving the Quality of Existing Building Envelopes (2004-2007) and COST C26 – Urban Habitat Constructions under Catastrophic Events (2006-2010). He is also participating in WINERCOST TU1304 (2014-2018).
29. Panel member or Chair for the Evaluation and Accreditation of several engineering programs in Canada and abroad.
30. External Examiner for Masters and Ph.D. theses submitted to Canadian and several other universities abroad.
31. Member of the NSF Multi-Hazard Structural Engineering Review Panel (2012); FCAR (Equipe) Grant Selection Committee (1994-95).
32. Member of Jury for the Engineering & Commerce Case Competition (ECCC 2016, 2017); Concordia University JMSB Annual Graduate Research Exposition - AGRE (2010 to 2022); "Prix d'excellence de l'Académie des Grands Montréalais" (2004, 2005, 2006); the annual awards of the "Consulting Engineer" (2001).
33. Voting Member of ASHRAE Technical Committee 4.3 (previously 5.12) Ventilation Requirements and Infiltration (2004-2008); Corresponding Member (2001-2004, 2008-present).
34. Member of International Advisory Board of the Department of Civil Engineering of the Jordan University of Science & Technology (JUST) (2021-present)
35. Received the **Best Paper Award** for the paper entitled "Wind-Tunnel Studies of Buildings and Structures" published in the ASCE Journal of Aerospace Engineering in 1996.
36. Received **the 1997 Engineering Award of the National Hurricane Conference** for his "exhaustive studies leading to the adoption of the new *ASCE-7 Minimum Design Loads for Buildings and Other Structures* which is already leading to safer, more hurricane-resistant construction in many areas", April 1997.
37. Honoured by the **American Association for Wind Engineering** (**AAWE**) in appreciation of the many contributions to the development of the ASCE-95 Wind Load Standard, June 1997; and by the **American Society of Civil Engineers (ASCE)** in recognition of his distinguished service as Chair of the Executive Committee of the Aerospace Division (2001).
38. Received the Concordia Council on Student Life **Teaching Excellence Award** in 1997 and the **Alumni Award for Excellence in Teaching** in 2006.
39. Received the **ASCE Aerospace Division's Outstanding Professional Service Award** for the year **2004**; awarded during the ASCE Earth and Space Conference in Houston, TX on March 7, 2006.
40. Received the **2009 Jack E. Cermak Medal** of the Engineering Mechanics Institute of ASCE*for his contributions to wind engineering, particularly his work that has been the key ingredient in the low rise wind provisions of the Canadian Building Code and the ASCE 7 Standard, affecting the design of millions of buildings;* awarded during the ASCE/SEI Structures Congress in Austin, Texas on April 30, 2009.
41. Inducted into the **Provost's Circle of Distinction**, Concordia University, Montreal, Canada, April 2009.
42. Received the **2010 Best Paper Award** for the paper entitled "Numerical Simulation of Dispersion around an Isolated Cubic Building: Model Evaluation of RANS and LES", published in the Journal Building and Environment, Vol. 45, No. 10.
43. Recognized by the Atmospheric Environment Journal as **Highly Cited Author** for the period 2007-2010 for the paper entitled "CFD Simulation of the Atmospheric Boundary Layer: Wall Function Problems" published in the Journal Atmospheric Environment, Vol. 41, No. 3, 2007.
44. Received the **2010** **Concordia University Research Fellow Award** in the strategic research cluster ‘Technology, Industry and Environment'.
45. Received the **2010-2011** **ENCS Teaching Excellence Award, Concordia University**.
46. Received the **2011 Outstanding Achievement Award** from the Dutch-Flemish Wind Engineering Association.
47. Received the **2012 President's Excellence in Teaching Award, Concordia University**.
48. Received the **2012 Alan G. Davenport Medal** of the International Association for Wind Engineering *for his many contributions to the modeling of wind load effects on structures with applications to building standards;* awarded during the Bluff Body Aerodynamics and Applications (BBAA7) Colloquium in Shanghai, China on September 4, 2012.
49. Received the **2013 Japan Association for Wind Engineering Award** in recognition of his contribution to the outstanding publication of Advanced Structural Wind Engineering.
50. Received the **2018 Academic Leadership Award, Concordia University** in recognition of exceptional leadership abilities and accomplishment of significant administrative achievements.
51. Received the **2018-19 Gina Cody School of Engineering and Computer Science Research Award – Tier I** for his exceptional research achievements and having produced scholarly output that is demonstrably internationally impactful within his discipline; **Research Fellow (Tier I) for 2019-20.**
52. Received the **2020 Honoris Genius for Engineering Research / Education Award** by the *Ordre des Ingenieurs du Québec.*
53. Included in "American Men & Women of Science"; Marquis "Who's Who in the World"; Lexington Who's Who; Canadian Who's Who; and others.
54. Interviewed by the DISCOVER Science, Technology, and the Future magazine, *Le Devoir* newspaper; several TV stations; the Japan Association of Wind Engineering journal; and several others.
55. Organized dozens of visits and technical tours of the Building Aerodynamics Laboratory at Concordia University.

**COURSES TAUGHT**:

1. Undergraduate

* Statics, ENGR 242
* Dynamics, ENGR 243
* Mechanics of Materials, ENGR 244
* Civil Engineering Systems, CIVI 341
* Building Science I (1/3), BLDG 361
* Participated in the video "Teaching Large Classes at Concordia: Voices of Experience" produced by CTLS (December 10, 1998).

2. Graduate

* Wind Engineering and Building Aerodynamics, BLDG 607 (BLDG 6071)
* Probabilistic Methods in Design, ENGR 607 - ENCS 614 (ENCS 6141)
* Decision Analysis, BLDG 658 (BLDG 6581)
* Ph.D. Seminar, ENCS8011
* Delivered a 2-day short course on **Wind Effects on Buildings,** organized by the Technical University of Eindhoven, in The Netherlands, May 18-19, 1999. Around 40 engineers, mainly from industry, coming from the Netherlands and Belgium attended the course.
* Taught at a 2- or 3-day short course on **Wind Effects on Buildings,** organized by the EPIC (Educational Program Innovations Center) Virtual, Marchy 2-4, 2022 and February 24-26, 2021; at Ancaster, Ontario, Canada, November 13-15, 2019; Toronto, Ontario, Canada, April 10-11, 2003; September 13-14, 2004; February 25-27, 2009; February 20-22, 2013; and February 26-28, 2018; at Calgary, Alberta, Canada, April 10-11, 2007; February 17-19, 2009; and October 30 – November 1, 2013. Around 15 Canadian engineers from industry attended each of these courses.
* Taught a 1-day short course on **Wind Effects on Buildings and NBCC 2010** at Concordia University, Montreal, Canada, March 20, 2013.
* Participated and delivered lectures in the **SNEBRN & IABP PhD Summer School** at Concordia University, Montreal, Canada, August 20-28, 2014.
* Delivered graduate level lectures at the Von Karman Institute for Fluid Dynamics in Belgium, February 20-24, 2006. Around 30 engineers from industry and academia attended the lecture series entitled **Introduction to Wind Technology.**
* Delivered graduate level lectures at the International Centre for Mechanical Sciences (CISM), Udine, Italy, September 18-22, 2006. Around 60 engineers and scientists from industry and academia attended the Advanced Professional Training course **Wind Effects on Buildings and Design of Wind-sensitive Structures.**
* Delivered graduate level lectures at the **5th International Advanced School on Wind Engineering**, Opole, Poland, March 23-25, 2009. Around 40 engineers from industry and academia attended the lecture series.
* Delivered graduate level lectures at the **6th International Advanced School on Wind Engineering**, China Academy for Building Research, Beijing, China, August 31 – September 4, 2009. Around 90 engineers from industry and academia attended the lecture series.
* Delivered graduate level lectures at the International Centre for Mechanical Sciences (CISM), Udine, Italy, September 14-18, 2009. Around 25 engineers and scientists from industry and academia attended the Advanced Professional Training course **Environmental Wind Engineering and Wind Energy Structures.**
* Delivered a series of graduate level lectures at the Tokyo Polytechnic University (TPU), Atsugi, Japan, February 22-26, 2010. Around 30 graduate students and researchers attended these lectures on **Environmental Wind Engineering** as part of the **Global COE Winter Intensive course**.
* Delivered graduate level lectures at the **7th International Advanced School on Wind Engineering**, Delhi, India, December 6-8, 2010. Around 50 engineers from industry and academia attended the lecture series.
* Delivered graduate level lectures at the **8th International Advanced School on Wind Engineering**, Hong Kong, China, November 14-16, 2011. Around 80 engineers from industry and academia attended the lecture series.
* Delivered graduate level lectures at the **9th International Advanced School on Wind Engineering**, Manila, Philippines, August 13-16, 2012. Around 70 engineers from industry and academia attended the lecture series.
* Delivered graduate level lectures at the **Urban Physics Autumn School 2013**, Nikiti Chalkidiki, Greece, October 13-18, 2017. Around 50 doctoral students and researchers attended the school.
* Delivered graduate level lectures at the **10th International Advanced School on Wind Engineering**, Kuantan, Pahang, Malaysia, February 10-12, 2014. Around 50 engineers from industry and academia attended the lecture series.
* Delivered graduate level lectures at the **12th International Advanced School on Wind Engineering**, Porto Alegre, Brazil, June 29-July 1, 2015. Around 50 engineers from industry and academia attended the lecture series.
* Delivered graduate level lectures at the **13th International Advanced School on Wind Engineering**, Beijing, China, October 10-12, 2016. Around 160 engineers from industry and academia attended the lecture series.
* Delivered graduate level lectures at the **15th International Advanced School on Wind Engineering**, Chongqing, China, October 16-18, 2017. Around 80 engineers from industry and academia attended the lecture series.
* Delivered graduate level lectures at the **Urban Physics Autumn School 2017**, Nikiti Chalkidiki, Greece, October 22-28, 2017. Around 40 doctoral students and researchers attended the school.
* Delivered graduate level lectures at the **16th International Advanced School on Wind Engineering**, Chongqing, China, October 20-22, 2018. Around 160 engineers from industry and academia attended the lecture series.
* Delivered graduate level lectures at the **17th International Advanced School on Wind and Structural Engineering**, Beijing, China, August 30 – September 1, 2019. Around 140 engineers from industry and academia attended the lecture series.

**OTHER UNIVERSITY DUTIES**:

* Member of the Board of Governors, Concordia University (2017-20, 2020-23)
* Member of Real Estate Planning Committee of the Board (REPC) (2017-presemt)
* Member of Appeals Committee of the Board (2020-present)
* Senator, Concordia University (1987-90, 1990-93, 1995-96, 2000-03, 2007-08, 2008-09, 2009-10, 2011-14, 2014-17)
* Member of joint Board/Senate Honorary Degree and Convocation Committee (2011-12, 2012-13, 2013-14, 2014-15)
* Member of Steering Committee of Senate (1990-91, 1991-92, 1992-93, 2001-02, 2002-03, 2012-13, 2016-17)
* Member of Senate's Academic Programs Committee (1993-97, 2002-10)
* Member of Senate's Academic Planning and Priorities Committee (2002-10)
* Member of Senate's Academic Services Committee (1997-98)
* Member of Senate's Research Committee (2013-14, 2014-15, 2015-16, 2016-17)
* Member of Senate's Distinguished Professor Emeritus Committee (2013-16, 2016-25)
* Member of Senate's Appeals Committee (1989-90, 1990-91, 1991-92, 1992-93)
* Member of Joint Grievance Committee (1992-93, 2000-01, 2002-03, 2003-04)
* Chair of University NSERC Scholarships Committee (1992-93, 2003-10)
* Member of Search Committee for the Director of ORS (1993)
* Member of CUFA - Administration Negotiating Committee (1989-90, 1994, 1995-98); Chief Negotiator (1990)
* Member of CUFA - University Liaison Committee (1991-92, 1996-97, 2013-21)
* Member of CUFA Council (2000-02, 2002-04, 2011-24)
* Member of CUFA Executive: Vice-President (2011-13, 2018-19; 2019-24); **President (2013-14, 2014-16, 2016-18)**
* Member of Joint University Committee on Merit (1988)
* Member of Advisory Committee on Negotiations with the Technicians (1988-89); with CUPFA (1996-97)
* Member of University Appeals Board (1983-84)
* Member of the University Environmental Health and Safety Committee (1994-96, 1996-98)
* Member of University Committee on Research Centers (1999-2001)
* Member of Advisory Committee of the Centre for Teaching and Learning Services (1997-99, 1999-01, 2003-05)
* Member of an ad-hoc Committee reviewing the Code of Rights and Responsibilities of Concordia University (2004)
* Member of Council of School of Graduate Studies (1993-97, 2002-10); Steering Committee (2002-10)
* Member of Graduate Awards Committee (1985-87); Chair (1986-87, 2002-10)
* Member of Graduate Appeals Committee (1993-94)
* Member of the Selection Committee for University Research Fellows (2002-07; 2011-14)
* Member of two Selection Committees for Research Chairs (Accountancy, Finance) in the Faculty of Commerce and Administration (1999-2000); for Junior Researcher Award (2004-09)
* Member of the Selection Committee for a faculty appointment in the Department of Geography/Urban Studies (1999-2000; 2000-01)
* Chair of Graduate Curriculum Committee (2002-10)
* Member of Arts and Science Faculty Council (2002-10)
* Member of Fine Arts Faculty Council (2002-10)
* Member of Engineering and Computer Science Faculty Council (1982-84, 1984-86, 1986-88, 1988-90, 1990-92, 1992-98, 2011-13, 2013-15, 2015-17, 2017-19, 2019-21, 2021-23)
* Member of Engineering and Computer Science Faculty Executive Committee (1993-98)
* Member of Dean's Advisory Committee for the selection of Director of CBS (1982, 1985, 1990 and 1993)
* Member of Dean's Advisory Committee for the selection of Chairman of Mechanical Engineering (1987); Building, Civil and Environmental Engineering (2014)
* Member of FTC, Faculty of Engineering and Computer Science (1989-90)
* Member of FPC, Faculty of Engineering and Computer Science (1988-90); Alternate (1990-92)
* Member of FPTC, Faculty of Engineering and Computer Science (2001-02. 2010-12)
* Member of the Selection Committee of the Gina Cody School of Engineering and Computer Science Teaching Excellence Awards (2019)
* Chair of PAC/DPC, Centre for Building Studies (1984-85, 1987-88, 1990-91, 1992-93, 2001-03)
* Member of DTC, Centre for Building Studies / Department of Building, Civil and Environmental Engineering (1983-2006, 2010-present)
* Member of Academic Planning Committee, Department of Building, Civil and Environmental Engineering (2000-01)
* Member of Curriculum Committee, Department of Building, Civil and Environmental Engineering (2000-01, 2001-02, 2011-23)
* Member of Teaching Committee, GCS Faculty of ENCS (2022-present); Department of Building, Civil and Environmental Engineering (2018-23)
* Member of Graduate Attribute CIP Committees (knowledge base for engineering; problem analysis), Department of Building, Civil and Environmental Engineering (2018-23)
* Member of the Department Hiring Committee (DHC) (2020-21, 2021-22)
* Member of the Concordia University Capital Campaign (1983-88)
* Member of the Centraide/Concordia Committee (1998, 1999, 2000); member of the Executive Committee (2001, 2002)
* Coordinator of Statics (ENGR 242) course (1982-97, 2000-03, 2005-23); Dynamics (2001-02, 2008-10)

**THESIS SUPERVISION**:

 No. of theses completed: M.Eng./M.A.Sc.: 34 Ph.D.: 20

 No. of thesis students currently under supervision: M.A.Sc.: 0 Ph.D.: 8

**CONSULTING ACTIVITIES (samples)**:

* Acted as consultant to projects undertaken by the Boundary Layer Wind Tunnel Laboratory of the University of Western Ontario.
* Consultant to Portland Cement Association (PCA) and to the National Codes and Standards Committee of the Concrete and Masonry Industry Institute regarding wind load specifications for low buildings (Uniform Building Code).
* Consultant to the Ville de Montréal regarding wind environmental problems around buildings.
* Consultant to McGill University regarding wind dispersion of pollutants around buildings.
* Consultant to the National Bureau of Standards and to the National Institute of Standards and Technology (NIST) of the U.S. Department of Commerce.
* Consultant to legal firms and insurance companies, as well as acting as expert witness regarding litigation cases related with wind-building interactions.
* Also consultant to SNC-LAVALIN, SITQ, Le Groupe Lepine, LUMEC, Inc., La Galleria Dorchester, Inc., City Arboretum, Inc., ARCOP Associates and numerous other engineering, architectural and construction firms regarding wind effects on buildings.

**RESEARCH GRANTS AND CONTRACTS**:

Grants

1. NSERC – Research / Discovery Grant 2017-2024 $ 51,000 /year

 2010-2017 $ 42,000 /year

 2005-2010 $ 44,000 /year

 2000-2005 $ 36,000 /year

 1999-2000 $ 39,270 /year

 1998-1999 $ 37,400 /year

 1996-1998 $ 34,000 /year

 1992-1996 $ 33,000 /year

1. NSERC – Operating Grant 1989-1992 $ 35,000 /year

 1986-1989 $ 33,000 /year

 1983-1986 $ 29,252 /year

 1980-1983 $ 9,000 /year

1. NSERC – Collaborative Research and Development 2005-2006 $ 81,000

 Grant – Project (CRDPJ) (with I. Smith, A. Aziz, 2004-2005 $ 82,000

 G. McClure and M.Bartlett) 2003-2004 $ 138,000

 2002-2003 $ 173,000

1. NSERC – Collaborative Research and Development 2009-2010 $ 229,000

 Grant – Project (CRDPJ) (with I. Smith, K. J. Dick) 2008-2009 $ 45,000

 2007-2008 $ 45,000

 2006-2007 $ 45,000

1. NSERC – Research Network – Group (NETGP) 2009-2010 $ 894,000 /year

 (with A. Athienitis and 23 others) 2008-2009 $ 1,078,800 /year

 2007-2008 $ 1,097,700 /year

 2006-2007 $ 918,000 /year

 2005-2006 $ 735,000 /year

1. NSERC – Smart Net-zero Energy Buildings 2011-2016 $ 6,750,000 (total)

 Strategic Research Network (SNEBRN)

 (with A. Athienitis and several others)

1. NRCAN – ecoENERGY Innovation Initiative 2012-2016 $ 1,000,000 (total)

 (with A. Athienitis, M. Bernier, P. Fazio, S. Harrison,

 M. Kummert and R. Zmeureanu)

1. NSERC – Strategic Grant 1986-1989 $ 40,000 /year
2. NSERC – Equipment Grant (Research Tools & Instruments) 2019-2020 $ 130,557

 2013-2014 $ 39,812

 2010-2011 $ 59,608

 2006-2007 $ 53,472

 (with I. Smith, Y. Chui, F. Chan, M. Afzal, G. McClure and 2005-2006 $ 119,489

 M. Bartlett)

 (with A. Athienitis, M.R. Collins and R. Zmeureanu) 2005-2006 $ 130,000

 (with D. Rousse, R. Zmeureanu, C. Masson and J. Lemay) 2005-2006 $ 113,052

 (with C. Bédard, D. Feldman and P. Saathoff) 1999-2000 $ 68,780

 (with P. Saathoff and H. Wu 1998-1999 $ 51,900

 (with P. Saathoff) 1996-1997 $ 26,985

 (with P. Saathoff) 1995-1996 $ 41,284

 (with F. Haghighat) 1990-1991 $ 76,000

 (with F. Haghighat) 1988-1989 $ 25,839

 (with P. Fazio) 1987-1988 $ 59,248

 (with C. Marsh) 1983-1984 $ 39,756

1. NSERC – Major Equipment Grant

 (as team member) 1988-1989 $ 240,000

1. NSERC – Infrastructure Grant 1991-1992 $ 17,500

 (as team member) 1988-1991 $ 35,000 /year

 1987-1988 $ 21,400

 1984-1987 $ 40,000 /year

1. IRSST 2009-2014 $ 204,500

 2006-2007 $ 42,210

 2000-2004 $ 217,200

 1996-1998 $ 119,650

1. CMHC Grant 2000-2002 $ 20,000
2. SEAGRAM Grant 1996-1998 $ 20,000 /year
3. Natural Resources Canada – University 2003-2005 $ 24,000

 Research Network Grant (as team member)

1. CEISCE (Regroupement Stratégiques) 2013-2019 $ 478,944 /year

 (Centre d’etude interuniversitaire des structures sous charges extremes)

 Concordia's share $ 43,000 /year

 Renewal 2019-2026 $ 479,480 /year

 Concordia’s share $ 58,000 /year

1. Atelier International du Grand Paris (Interdisciplinary – 2012-2014 EUR 40,000

 UQAM) – Concordia's share: $ 1,000 /year

1. FRDP – Concordia University 1994-1996 $ 17,000 /year
2. CARA – Concordia University 2000-2001 $ 6,000

 1999-2000 $ 6,000

1. ENCS – Concordia University 2022-2023 $ 20,000+

 Direct Financial Support for Research / GSSP/FRS

 2021-2022 $ 35,000

 2020-2021 $ 54,167

 2019-2020 $ 47,500

 2018-2019 $ 19,167 2017-2018 $ 30,833

 2016-2017 $ 27,500 2015-2016 $ 20,501

 2014-2015 $ 8,000

 2013-2014 $ 13,000

 2012-2013 $ 5,000

 2011-2012 $ 8,000

 2010-2011 $ 16,250

 2009-2010 $ 28,750

 2008-2009 $ 34,000

 2007-2008 $ 23,000

 2006-2007 $ 11,500

 2005-2006 $ 23,000

 2004-2005 $ 23,750

 2003-2004 $ 34,500

 2002-2003 $ 43,500

 2001-2002 $ 42,500

 2000-2001 $ 6,750

* 1. $ 4,350

21. GCS Research Award – Tier I – Concordia University 2019-2020 $ 5,000

22. Established Researcher Support – Concordia University 2020-2021 $ 6,500

23. Lab Boost Support – Concordia University 2020-2021 $ 5,200

24. University Research Award – Concordia University 2011-2012 $ 5,000

25. University Research in Training – Concordia University 2012-2014 $ 2,000

26 FRQNT - Projet Recherche (Équipe) 2022-2025 $ 50,000 /year

 (with L. Wang, A; Athienitis, D. Qi, D. Kaiser, P. Poulin)

27. FRQNT - Equipment 2022-2024 $ 27,000

 (with L. Wang, A. Athienitis, D. Qi, D. Kaiser, P. Poulin)

28. FRQNT – Projet Recherche (Équipe) 2005-2008 $ 52,000 /year

 (with P. Saathoff, C. Bedard, C. Masson, L. Lazure)

29. FRQNT – Equipment 2005-2006 $ 36,500

 (with P. Saathoff, C. Bedard, C. Masson, L. Lazure)

30. FCAR – Equipment Grant 1999-2000 $ 45,850

 (with C. Bedard, D. Feldman, P. Saathoff)

31. FCAR – Équipe (Operating Grant) 1998-2001 $ 54,000 /year

 (as team member) 1995-1998 $ 91,000 /year

 1992-1995 $ 103,400 /year

 1989-1992 $ 88,140 /year

 1986-1989 $ 34,000 /year

 1983-1986 $ 33,000 /year

 1981-1983 $ 29,300 /year

 1980-1981 $ 21,000

* 1. $ 25,000

32. FCAR – Equipment Grant 1995-1996 $ 19,730

 (as team member) 1992-1993 $ 25,300

 1991-1992 $ 10,600

 1990-1991 $ 11,000

 1989-1990 $ 19,990

 1987-1988 $ 4,800

 1986-1987 $ 3,900

 1984-1985 $ 8,000

 1983-1984 $ 4,000

 1982-1983 $ 5,000

 1981-1982 $ 12,000

* 1. $ 12,250

33. FCAR – Centre de Recherche (Operating Grant) 1997-1998 $ 50,000

 (as team member) 1996-1997 $ 50,000

 1993-1996 $ 100,000 /year

 1990-1993 $ 180,000 /year

 1987-1990 $ 130,000 /year

 1984-1987 $ 100,000 /year

 1981-1983 $ 130,000 /year

* 1. $ 100,000

33. FCAR – Centre de Recherche (Equipment Grant) 1992-1993 $ 7,000

 (as team member) 1990-1991 $ 31,000

 1988-1989 $ 11,000

 1987-1988 $ 24,115

 1985-1986 $ 80,000

 1984-1985 $ 40,000

* 1. $ 150,000

34. Ministère de l'Éducation – Actions Structurantes 1986-1991 $ 777,090

 (as team member) 1987-1988 $ 51,702

 Operating Grant

 Equipment Grant 1986-1987 $ 64,983

35. CFI – 2017: Concordia Field Research Facility 2017-2020 $ 1,271,881

##  for Buildings of the Future (as team member)

36. Centre for Zero Energy Building Studies, Concordia 2018-2024 $ 80,000 /year

 University (as team member) 2013-2018 $ 70,000 /year

37. ENCS Capital Research Innovation Fund 2018-2019 $ 100,000

 (as team member)

38. MITACS Accelerate (with P. Wood-Adams) 2022-2023 $ 90,000 (total)

## Contracts

1. Florida International University – Consulting on 2022 USD 7,000

 Wind-Induced Loads on roof overhangs, Phases I and II 2021 USD 7,000

1. Energy Efficiency and Deicing of Lafontaine Tunnel – 2017-2018 $ 710,000

 Ministère des Transports, de la Mobilité durable et de

 l'Électrification des transports (PI: Dr. A. Athienitis, with

 C. Alecsandru, P. Pillay and L. Wang)

1. Municipal Court Building BIPV/T study 2015 $ 7,000

 (PI: Dr. A. Athienitis)

1. Heritage II – Wind Environmental Study 2008 $ 17,000
2. Israel Electric Corporation 2008 $ 30,000
3. Viger Development – Wind Environmental Study 2007 $ 13,000
4. McGill New Life Sciences Complex – Wind Study 2005 $ 44,000

 Consulting Activity $ 6,650

1. SLEB2 – Wind Environmental Study 2004 $ 12,000
2. Le Riopelle – Wind Environmental Study 2004 $ 12,000
3. Domaine Le Concorde sur P.K. inc. – Wind study 2003 $ 10,500
4. Constructions Beau Design inc. – Revised Design 2003 $ 8,000

 Wind study

1. Constructions Beau Design inc. – Wind study 2002 $ 11,000
2. GESPRO & Concordia University – ENCS/VA 2002 $ 22,000

 – Snow and Ingestion Studies

1. Corporation d' Hébergement du Québec – Climatique 2001 $ 5,500

 et Polluants (expert conseil)

1. Concordia University (SGW campus) – Simulation 2001 $ 25,000

 of Design Options

1. Concordia University (SGW campus) – Wind study 2001 $ 12,000
2. Concordia University (Loyola) – Dispersion study 2001 $ 20,000
3. Construction Tony Renda Inc (Le Château Drummond) 2001 $ 9,000
4. SITQ (Caisse de Dépôt et de placement du Québec – 2001 $ 10,000

 Supplemental Study)

1. Metropolitan Parking Inc. (Le "1445 Stanley") 2000 $ 9,000
2. SITQ (Caisse de Dépôt et de placement du Québec) 2000 $ 29,000
3. Concordia University (SGW campus) – Preliminary 2000 $ 3,000

 wind study

1. International Design 1999 $ 10,000
2. Groupe Lepine - YMCA 1998 $ 7,000
3. SNC-Lavalin 1997 $ 2,300
4. SNC-Lavalin 1996-1997 $ 13,000
5. Montreal General Hospital 1995-1996 $ 500
6. IRSST 1993-1994 $ 3,500
7. McGill University – Dispersion study 1991-1992 $ 28,000
8. Ville de Montréal – Pedestrian-level winds 1989-1990 $ 4,995
9. IMQUA 1989 $ 4,000
10. Daniel Arbour & Ass. (Lavalin) 1989 $ 5,000
11. Daniel Arbour & Ass. (Lavalin) 1989 $ 1,500
12. City Arboretum Inc. 1988 $ 4,000

**SPECIFIC PROGRAMS AND TRAINING TO IMPROVE TEACHING AND PROFESSIONAL COMPETENCE**:

Concordia Teaching Development Awards 2001-2002 $ 5,000

 1999-2000 $ 4,000

 1998-1999 $ 5,500

 1996-1997 $ 2,000

 1994-1995 $ 3,000

 1993-1994 $ 3,000

 1990-1991 $ 5,300

 1986-1987 $ 800

 1984-1985 $ 450

 1983-1984 $ 200

**OTHER ACTIVITIES / CONTRIBUTIONS**:

* Design, establishment and ongoing development of the Building Aerodynamics Laboratory of the Centre for Building Studies.
* Contribution of research work to the stipulations of the National Building Code of Canada, the American National Standards Institute (subsequently ASCE-7), the Metal Building Manufacturers Association and other European, American and International codes and standards.
* Contribution to the education of general public through several TV interviews, discussions and press features regarding the interaction between wind and buildings (local, national and American network).
* In addition to the various administrative duties, he also served in the past at a number of Concordia University committees including the NSERC Scholarship Award, the Honourable Conduct and the Registration Committees.

**CONSULTING SERVICES**

Professional services have been provided for the following persons / entities:

* PREVEL
* Karl Fisher (KFA)
* SUNPOWER CORP.
* Marco Boisvert
* Carl Putnam
* Gaz Metro
* 9265-9788 Quebec Inc.
* 9103-6426 Quebec Inc.
* 9332-2998 Quebec Inc.
* Jukka Heikkinen
* MBMA
* CSN
* CAHN Litigation

### DETAILED LIST OF PUBLICATIONS

**Refereed Journal Papers**

1. Alrawashdeh, H. and Stathopoulos, T. (2023) “Experimental Investigation of the Wind Loading on Solar Panels: Effects of Clearance off Flat Roofs”, Journal of Structural Engineering, ASCE, Vol. 149, No. , , pp. 1-18.

1. Ioannidis, Z., Athienitis, A.K., Stathopoulos, T. and Rounis, E.D. (2022) "Double Skin Façade Integrating Semi-Transparent Photovoltaics: An Analysis for Different Climates", ASHRAE Transactions, Vol. 128, pp., Pt. 2.
2. Gholamalipour, P., Ge, H., and Stathopoulos, T. (2022) "Wind-driven Rain (WDR) Loading on Building Facades: A State-of-the-art Review", Building and Environment, Vol. 221, 109314, pp. 1-20.
3. Potsis, T. and Stathopoulos, T. (2022) “A Novel Computational Approach for an Improved Expression of the Spectral Content in the Lower Atmospheric Boundary Layer”, Buildings (MDPI), Vol. 12, 788, pp. 1-21.
4. Mostafa, K., Zisis, I. and Stathopoulos, T. (2022) “Large-Scale Wind Testing on Roof Overhangs for a Low-Rise Building”, Journal of Structural Engineering, ASCE, Vol. 148, No. 11, 04022173, pp. 1-21.
5. Chavez, M.. Baskaran, A., Aldoum, M., Stathopoulos, T., Geleta, T.N. and Bitsuamlak, G.T.. (2022) "Wind Loading on a Low Slope Gabled Roof: Comparison of Field Measurements, Wind Tunnel Data, and Code Provisions", Engineering Structures, Vol. 267, 114646, pp. 1-14.
6. Athanasiou A., Titca, L. and Stathopoulos, T. (2022) “Nonlinear Wind and Earthquake Loads on Tall Steel Braced Frame Buildings”, Journal of Structural Engineering, ASCE, Vol. 148, No. 8, 04022098, pp. 1-18.
7. Athanasiou A., Dakour, M., Pejmanfar, S., Titca, L. and Stathopoulos, T. (2022) “Multihazard Performance-based Assessment Framework for Multi-story Steel Buildings”, Journal of Structural Engineering, ASCE, Vol. 148, No. 6, 04022054, pp. 1-17.
8. Rounis, E.D., Ioannidis, Z., Sigounis, A.M., Athienitis, A. and Stathopoulos, T. (2022) “A Novel Approach for the Modelling of Convective Phenomena for Building Integrated Photovoltaic Thermal (BIPV/T) Systems”, Vol.232, pp. 328-343.
9. Yu, J., Stathopoulos, T. and Li, M.S. (2021) “Estimating Exposure Roughness Based on Google Earth”, Journal of Structural Engineering, ASCE, Vol. 147, No. 3, 04020353, pp. 1-12.
10. Yu. J., Li, M.S. Stathopoulos, T., Zhou, Q. and Yu, X. (2021) "Urban Exposure Upstream Fetch and its Influence on the Formulation of Wind Load Provisions", Building and Environment, Vol. 203, 108072, pp. 1-15.
11. Rounis, E.D., Athienitis, A. and Stathopoulos, T. (2021) “BIPV/T Curtain Wall Systems – Design, Development and Testing”, Journal of Buiding Engineering, Vol. 42, 103019, pp. 1-16.
12. Souri, F. Ge, H. and Stathopoulos, T. (2021) "Wind-driven Rain on Buildings: Accuracy of the ISO Semi-empirical Model", Journal of Wind Engineering and Industrial Aerodynamics, Vol. 212, 104606, pp. 1-14.
13. Rounis, E.D., Athienitis, A. and Stathopoulos, T. (2021) “Review of Air-Based PV/T and BIPV/T Systems – Performance and Modelling”, Renewable Energy, Vol. 163, pp. 1729-1753.
14. Sakib, F.A. Stathopoulos, T. and Bhowmick, A.K. (2021) "A Review of Wind Loads on Canopies Attached to Walls of Low-rise Buildings", Engineering Structures, Vol. 230, 111656, pp. 1-11.
15. Aldoum, M. and Stathopoulos, T. (2020) "Wind Loads on Low-Slope Roofs of Buildings with Large Plan Dimensions", Engineering Structures, Vol.225, 111298, pp. 212-225.
16. Ioannidis, Z., Rounis, E.D., Athienitis, A. and Stathopoulos, T. (2020) "Double Skin Façade Integrating Semi-Transparent Photovoltaics: Experimental Study on Forced Convection and Heat Recovery", Applied Energy, Vol. 278, 115647, pp. 1-16.
17. Stathopoulos, T. and Alrawashdeh, H. (2020) "Wind Loads on Buildings: A Code of Practice Perspective", Journal of Wind Engineering and Industrial Aerodynamics, Vol. 206, 104338, November, pp. 1-14.
18. Alrawashdeh, H. and Stathopoulos, T. (2020) "Wind Loads on Solar Panels Mounted on Flat Roofs: Effect of Geometric Scale", Journal of Wind Engineering and Industrial Aerodynamics, Vol. 206, 104339, November, pp. 1-14.
19. Ioannidis, Z., Athienitis, A.K., Stathopoulos, T. and Buonomano, A.. (2020) "Mechanically Ventilated Double Skin Façade with Semi-Transparent Photovoltaics, Implementing Electrical Storage and Heat Pumps to Reduce Peak Demand", ASHRAE Transactions, Vol. 126, pp., Pt. 2.
20. Zhang, C., Yang, S. Shu, C., Wang, L. and Stathopoulos, T. (2020) "Wind Pressure Coefficients for Buildings with Air Curtains", Journal of Wind Engineering and Industrial Aerodynamics, Vol. 205, 104265, pp. 1-15.
21. Tominaga, Y. and Stathopoulos, T. (2020) “CFD Simulations Can Be Adequate for the Evaluation of Snow Effects on Structures”, Building Simulation, Vol. 13, pp. 729-737.
22. Shao, S., Tian, Y., Yang, Q. and Stathopoulos, T. (2019) "Wind-induced Cladding and Structural Loads on Low-rice Buildings with 4:12-sloped hip roofs”, Journal of Wind Engineering and Industrial Aerodynamics, Vol. 193, 103948, pp. 1-14.
23. Yu, J., Li, M.S. and Stathopoulos, T. (2019) “Strategies for Modeling Homogeneous Isotropic Turbulence and Investigation of Spatially Correlated Aerodynamic Forces on a Stationary Model”, Journal of Fluids and Structures, Vol. 90, November, pp. 43-56.
24. Yang, S., Alrawashdeh, H., Zhang, C., Qi, D., Wang, L. and Stathopoulos, T. (2019) "Wind Effects on Air Curtain Performance at Building Entrances", Building and Environment, Vol. 151, pp. 75-87.
25. Cheng, J., Qi, D., Katal, A., Wang, L. and Stathopoulos, T. (2018) "Evaluating Wind-driven Natural Ventilation Potential for Early Building Design", Journal of Wind Engineering and Industrial Aerodynamics, Vol. 182, November, pp. 160-169.
26. Stathopoulos, T., Alrawashdeh, H., Al-Quraan, A., Blocken, B., Dilimulati, A., Paraschivoiu, M. and Pilay, P. (2018) "Urban Wind Energy: Some Views on Potential and Challenges", Journal of Wind Engineering and Industrial Aerodynamics, Vol. 179, August, pp. 146-157.
27. Nguyen, T.S., Stathopoulos, T. and Tirca, L. (2018) "Wind-induced Shear and Torsion in Low-rise and Medium-rise Buildings: Provisions of National Building Code of Canada 2015", Canadian Journal of Civil Engineering, Vol. 45, No. 5, pp. 339-350.
28. Ge, H., Chiu, V., Stathopoulos, T. and Souri, F. (2018) "Improved Assessment of Wind-Driven Rain on Building Facade based on ISO Standard with High-resolution On-site Weather Data", Journal of Wind Engineering and Industrial Aerodynamics, Vol. 176, May, pp. 183-196.
29. Tominaga, Y. and Stathopoulos, T. (2018) "CFD Simulations of Near-field Pollutant Dispersion with Different Plume Buoyancies", Building and Environment, Vol. 107, pp. 128-139.
30. Dilimulati, A., Stathopoulos, T. and Paraschivoiu, M. (2018) "Wind Turbine Designs for Urban Applications: A Case Study of Shrouded Diffuser Casing for Turbines", Journal of Wind Engineering and Industrial Aerodynamics, Vol. 175, April, pp. 179-192.
31. Shao, S., Stathopoulos, T., Yang, Q, and Tian, Y. (2018) "Wind Pressures on 4:12-sloped Hip Roofs of L- and T-shaped Low-rise Buildings" Journal of Structural Engineering, ASCE, Vol. 144, No. 7, pp. 1-20.

1. Ioannidis, Z., Buonomano, A., Athienitis, A. and Stathopoulos, T. (2017) "Modeling of Double Skin Facades Integrating Photovoltaic Panels and Automated Roller Shades: Analysis of the Thermal and Electrical Performance", Energy and Buildings, Vol. 154C, September, pp. 618-632.

1. Ge, H., Chiu, V. and Stathopoulos, T. (2017) "Effect of Overhang on Wind-Driven Rain Wetting of Facades on a Mid-rise Building: Field Measurements", Building and Environment, Vol. 118, pp. 234-250.
2. Tominaga, Y. and Stathopoulos, T. (2017) "Steady and Unsteady RANS Simulations of Pollutant Dispersion around Isolated Cubical Buildings: Effect of Large-scale Fluctuations on the Concentration Field", Journal of Wind Engineering and Industrial Aerodynamics, Vol. 165C, June, pp. 23-33.
3. Ladas, D.I., Stathopoulos, T. and Rounis, D. (2017) "Wind Effects on the Performance of Solar Collectors on Rectangular Flat Roofs: A Wind Tunnel Study", Journal of Wind Engineering and Industrial Aerodynamics, Vol. 161, February, pp. 27-41.
4. Rounis, E.D., Athienitis, A. and Stathopoulos, T. (2016) "Multiple-inlet Building Integrated Photovoltaic/Thermal System Modelling under Varying Wind and Temperature Conditions", Solar Energy, Vol. 139, pp. 157-170.
5. Al-Quraan, A., Stathopoulos, T. and Pillay, P. (2016) "Comparison of Wind Tunnel and on Site Measurements for Urban Wind Energy Estimation of Potential Yield", Journal of Wind Engineering and Industrial Aerodynamics, Vol. 158, November, pp. 1-10.
6. Tominaga, Y. and Stathopoulos, T. (2016) "Ten questions Concerning Modeling of Near-Field Pollutant Dispersion in the Built Environment", Building and Environment, Vol. 105, pp. 390-402.
7. Blocken, B., Stathopoulos, T. and van Beeck, J.P.A.J. (2016) "Pedestrian-level Wind Conditions around Buildings: Review of Wind-tunnel and CFD Techniques and their Accuracy for Wind Comfort Assessment", Building and Environment, Vol. 100, pp. 50-81.
8. Alrawashdeh, H. and Stathopoulos, T. (2015) "Wind Pressures on Large Roofs of Low Buildings and Wind Codes and Standards", Journal of Wind Engineering and Industrial Aerodynamics, Vol. 147, December, pp. 195-206.
9. Elsharawy, M., Galal, K., and Stathopoulos, T. (2015) "Torsional and Shear Wind Loads on Flat-Roofed Buildings". Engineering Structures, Vol. 84, February, pp. 212-225.
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**Refereed Journal Editorial / Discussion Papers**

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2. Stathopoulos, T., (2021) "Wind Effects on Structures: Modern Structural Design for Wind”, Fourth Edition, 2019. Emil Simiu and DongHan Yeo, Eds. (Wiley Blackwell)", Book Review, Journal of Wind Engineering and Ind. Aerodynamics, Vol. 212, 104635, pp.1.
3. Blocken, B. and Stathopoulos, T. (2021) "In Memoriam: Professor Giovanni Solari (1953-2020): former president. colleague, friend”. Journal of Wind Engineering and Industrial Aerodynamics, Vol. 209, 104498, January, pp. 1-3.
4. Athanasiou, A., Stathopoulos, T. and Tirca, L. (2020) Discussion of “Performance-Based Wind-Resistant Optimization Design for Tall Building Structures”, Journal of Structural Engineering, ASCE, Vol. 146, No. 8, August.
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33. Stathopoulos, T., (1981) "Load Distribution and Double Skin Wall", Journal of Struct. Div,, ASCE, No. ST10, pp. 2048-2049, Proc. Paper 16527.
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35. Stathopoulos, T., (1980) "Pressures on Curtain Wall with External Mullions", J. of Eng. Mech, ASCE, Vol. 106, No. EM4, pp. 854-855, Proc. Paper 15583.
36. Stathopoulos, T., (1979) "Wind and Snow Load Factors for Use in LRFD", J. Struct. Div,, ASCE, Vol. 105, No. ST10, pp. 2132-3, Proc. Paper 14869.
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### Books / Contributions to Books

1. Stathopoulos, T. and Alrawashdeh, H. (2019) “Urban Wind Energy: A Wind Engineering and Wind Energy Cross-Roads”, invited lecture, in Proceedings of the XV Conference of the Italian Association for Wind Engineering – IN-VENTO 2018, Lecture Notes in Civil Engineering, Springer Nature Switzerland AG (eBook).
2. Tamura, Y. and Yoshie, R. (eds) (2016) "Advanced Environmental Wind Engineering", Springer Japan (two chapters).
3. Ladas, D., Vasan, N. and Stathopoulos, T. (2015) "Architecture of Building Roofs to Maximize Energy Savings: The Role of Wind", in ***Toit Urbain****, Les Presses de l' Université Laval,* pp. 231-251, Quebec, Canada, June.
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6. Stathopoulos, T., et al., (2011) "Urban Aerodynamics: Wind Engineering for Urban Planners and Designers", prepared by a Task Committee on Urban Aerodynamics, Environmental Wind Engineering Committee, ASCE, Reston, VA.
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15. Stathopoulos, T., (2005) "Wind-induced Dispersion of Pollutants from Building Exhaust", Wind Effects Bulletin, Vol. 3, February, **Invited Article**.
16. Stathopoulos, T., et al., (2004) "Outdoor Human Comfort and its Assessment", prepared by a Task Committee of the Aerodynamics Committee, Aerospace Division, ASCE, Reston, VA.
17. Stathopoulos, T., (2004) "Wind on Low-Rise Buildings", Wind Engineering, Commemorative Volume, Indian Society for Wind Engineering & Dept. of Applied Mechanics, VNIT, Nagpur, India.
18. Stathopoulos, T., (2000) "Wind Loads on Low Buildings – Progress in the State-of-the-Art", Wind Safety and Performance of Wood Buildings, Forest Products Society, Madison, WI, USA.
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21. Stathopoulos, T., (1987) "Wind Loads on Low Buildings", Wind Loading and Wind-Induced Structural Response, State-of-the-art report prepared by the Committee on Wind Effects, ASCE.
22. Stathopoulos, T., (1987) "Adverse Wind Loads on Low Buildings", Civil Engineering Practice, Structures, Technomic Pub. Co. Inc, Vol. 1.

**Refereed Conference Papers**

1. Alrawashdeh, H. and Stathopoulos, T. (2022) “Wind Loading of Rooftop PV Panels Cover Plate: A Codification-Oriented Study”, 8th European-African Conference on Wind Engineering (8EACWE2022), September 20-23, Bucharest, Romania.
2. Potsis, T.and Stathopoulos, T. (2022) “Tuning the Virtual Wind Tunnel for the Design of Low-Rise Buildings Submerged in the Atmospheric Boundary Layer”, 8th European-African Conference on Wind Engineering (8EACWE2022), September 20-23, Bucharest, Romania.
3. Althanasiou, A., Tirca, L. and Stathopoulos, T. (2022) “Performance-based Wind and Earthquake Design Framework for Tall Steel Buildings with Ductile Detailing”, 8th European-African Conference on Wind Engineering (8EACWE2022), September 20-23, Bucharest, Romania.
4. Alrawashdeh, H. and Stathopoulos, T. (2022) “Solar Buildings and Structural Wind Resistance in Wind Codes and Standards”. 5th International Conference on Building Energy and Environment, (COBEE2022), July 25-29, Montreal, Quebec, Canada.
5. Yang, S., Mortezazadeh, M., Zou, J., Katal, A., Leroyer, S., Wang, L. and Stathopoulos, T. (2022) “Study of Urban Building Configuration Impacts on Outdoor Thermal Confort under Summer Heatwave via CityFFD and CityBEM”. 5th International Conference on Building Energy and Environment, (COBEE2022), July 25-29, Montreal, Quebec, Canada.
6. Yang, S., Wang, L. and Stathopoulos, T. (2022) “A Review of Recent Progress on Urban Microclimate Research”. 5th International Conference on Building Energy and Environment, (COBEE2022), July 25-29, Montreal, Quebec, Canada.
7. Gholamalipour, P., Ge, H. and Stathopoulos, T. (2022) “Wind-Driven Rain (WDR) Distribution on Buildings: Influential Parameters”. 5th International Conference on Building Energy and Environment, (COBEE2022), July 25-29, Montreal, Quebec, Canada.
8. Alrawashdeh, H. and Stathopoulos, T. (2022) "Testing Rooftop Solar Panels in Atmospheric Wind Tunnels: State-of-the-Practice", 14th American Conference on Wind Engineering (ACWE), May 17-19, Lubbock, TX, USA.
9. Yu, J.and Stathopoulos, T. (2022) "Application of Computational Fluid Dynamics (CFD) for Pedestrian Wind Comfort Studies", 14th American Conference on Wind Engineering (ACWE), May 17-19, Lubbock, TX, USA.
10. Mostafa, K., Zisis, I. and Stathopoulos, T. (2022) "Correlation of Wind-Induced Loads between Roof Overhangs and Walls using Large-Scale Testing", 14th American Conference on Wind Engineering (ACWE), May 17-19, Lubbock, TX, USA.
11. Mostafa, K., Zisis, I. and Stathopoulos, T. (2022) “Observations and Analysis of Wind Pressureson Roof Overhangs and Underneath Walls of a Low-Rise Building”, 2022 Residential Building Design & Construction Conference (RBDC), May 11-12, VIRTUAL.
12. Alrawashdeh, H. and Stathopoulos, T. (2022) "Wind Effects on Roof-Mounted Solar Panels", 3rd International Conference Coordinating Engineering for Sustainability and Resilience CESARE'22, May 6-9, Irbid, Jordan.
13. Alrawashdeh, H. and Stathopoulos, T. (2022) "Critical Considerations for Modeling Roof-Mounted Solar Panels ", SEI-ASCE Structures Congress, April 20-23, Atlanta, GA, USA.
14. Stathopoulos, T. and Alrawashdeh, H. (2020) “Wind Resilience: Proceeding from Wind Codes and Standards of Building Design Practice”, Roadmap to Resilient Ultra-Low Energy Buildings Symposium Webinar, The Canadian Academy of Engineering, October 16, Montreal, Quebec, Canada – **Invited Lecture.**
15. Athanasiou A, Tirca L and Stathopoulos T (2020) “Dynamic Response of Inelastic Fixed-base and Base-isolated Steel Structures under Wind and Earthquake”. 17WCEE: 17th World Conference on Earthquake Engineering, September 13-18, Sendai, Japan; deferred to September 27 – October 2, 2021.
16. Stathopoulos, T. and Alrawashdeh, H. (2019) “Wind Loads on Buildings: A Code of Practice Perspective”, 15th International Conference on Wind Engineering (ICWE15), September 1-6, Beijing, China – **Keynote Lecture**.
17. Alrawashdeh, H. and Stathopoulos, T. (2019) "Wind Loads on Solar Panels Mounted on Flat Roofs: Effects of Geometric Scale", 15th International Conference on Wind Engineering (ICWE15), September 1-6, Beijing, China.
18. Yu, J., Stathopoulos, T and Li, M. (2019) "Estimating Exposure Roughness based on Google Earth", 15th International Conference on Wind Engineering (ICWE15), September 1-6, Beijing, China.
19. Athanasiou, A., Tirca, L. and Stathopoulos, T. (2019) “Wind and Earthquake Effects on the Nonlinear Response of Steel-braced Frame Buildings”, 12th Canadian Conference on Earthquake Engineering, June 17-20, Chateau Frontenac, Quebec, QC, Canada.
20. Sakib, F.A., Zannatul, M. D., Stathopoulos, T., Bhowmick, A.K. and Alrawashdeh, H. (2019) "Wind Loads on Canopies Attached to Walls of Low Buildings", Annual Conference, Canadian Society of Civil Engineering (CSCE), June 12-15, Laval, Quebec, Canada.
21. Alrawashdeh, H. and Stathopoulos, T. (2019) "Reliable Evaluation of Wind Loads on Roof-mounted Solar Panels using Wind Tunnel Models", 27th Canadian Congress of Applied Mechanics, CANCAM 2019, May 27 - 30, Université de Sherbrooke, Sherbrooke, Quebec.
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23. Athanasiou A., Tirca, L. and Stathopoulos, T. (2019) "Wind and Earthquake Load Assessment of Mid-rise Buildings", 27th Canadian Congress of Applied Mechanics, CANCAM 2019, May 27 - 30, Université de Sherbrooke, Sherbrooke, Quebec.
24. Aldoum, M. and Stathopoulos, T. (2019) "Wind Loads on Large Buildings", 27th Canadian Congress of Applied Mechanics, CANCAM 2019, May 27 - 30, Université de Sherbrooke, Sherbrooke, Quebec.
25. Higgins, S., and Stathopoulos, T. (2019) "Design Strategies for Optimizing Wind Energy Production in Urban Environment", 27th Canadian Congress of Applied Mechanics, CANCAM 2019, May 27 - 30, Université de Sherbrooke, Sherbrooke, Quebec.
26. Shao, S., Tian, Y., Yang, Q. and Stathopoulos, T. (2018) “Wind-induced Cladding and Structural Loads on Low-rise Buildings with 4:12-sloped Hip Roofs”, Engineering Mechanics Institute (EMI) International Conference 2018, November 2-4, Tongji University, Shanghai, China.
27. Rounis, E., Ioannidis, Z., Dumoulin, R., Kruglov, O., Athienitis, A. and Stathopoulos, T. (2018) “Design and Performance Assessment of a Prefabricated BIPV/T Roof System Coupled with a Heat Pump”, 12th Intern. Conference on Solar Energy for Buildings and Industry EuroSun2018, September 10-13, Rapperswil, Switzerland. **Received 2nd Prize.**
28. Ioannidis, Z., Buonomano, A., Rounis, E., Athienitis, A. and Stathopoulos, T. (2018) “Comparison of the Electrical and Thermal Performance of Double Skin Façade and Insulating Glazing Unit Integrating Semi-Transparent Photovoltaics”, 35th European PV Solar Energy Conference and Exhibition EU PVSEC 2018, September 24-28, Brussels, Belgium. **Received Best Poster Prize.**
29. Yu, J., Stathopoulos, T. and Li, M. (2018) “Estimating Exposure Roughness Based on Google Earth”, The 7th International Symposium on Computational Wind Engineering, June 18-22, Seoul, Republic of Korea.
30. Shao, S., Tian, Y., Yang, Q. Stathopoulos, T. and Li, M. (2018) “Wind Force Distribution in L- and T-shaped Low-Rise Buildings with 4:12-sloped Hip Roofs”, The 7th International Symposium on Computational Wind Engineering, June 18-22, Seoul, Republic of Korea.
31. Paraschivoiu, M., Dilimulati, A. and Stathopoulos, T., (2018) "CFD Based Energy Output Estimation of Roof-Mounted Wind Turbines in Urban Environments", International Conference on Wind Energy Harvesting, March 21-23, Catanzaro, Lido, Italy.
32. Shao, S., Tian, Y., Yang, Q. and Stathopoulos, T. (2018) "Wind-Resisting Performance on MWFRS of L- and T-shaped Low Buildings with 4:12-Sloped Hip Roofs under Extreme Wind Events", International Workshop on Wind-Related Disasters & Mitigation, March 11-14, Sendai, Japan.
33. Shao, S., Tian, Y., Yang, Q. and Stathopoulos, T. (2017) "Wind-Induced Structural Force Characteristics of Low-Rise Buildings with an Intermediate Roof Slope", 9th Asia-Pacific Conference on Wind Engineering, December 3-7, Auckland, New Zealand.
34. Ge, H., Chiu, V., Stathopoulos, T. and Souri, F. (2017) "Effect of Overhang on Wind-Driven Rain Load of a Mid-Rise Building: Field Measurements", 15th Canadian Conference on Building Science and Technology, November 6-8, Vancouver, B.C., Canada.
35. Rounis, E., Kruglov O., Ioannidis, Z., Athienitis, A., Stathopoulos, T. and Kapsis, K. (2017) “Experimental Investigation of Thermal Enhancements for a Building Integrated Photovoltaic/Thermal Curtain Wall”, Solar World Congress ISES.2017, October 29-November 2, Abu Dhabi, UAE.
36. Ioannidis, Z., Kapsis, K. Athienitis, A., Buonomano, A., Stathopoulos, T. and Rounis, E. (2017) “Study on the Energy Performance of the Semi-Transparent PV Facades under Continental Climate Building Integrated Photovoltaic/Thermal Curtain Wall”, Solar World Congress ISES.2017, October 29-November 2, Abu Dhabi, UAE.
37. Shao, S., Tian, Y., Yang, Q. and Stathopoulos, T., (2017) "Wind-Induced Structural Forces on MWFRS of Low-Rise Buildings with a 4:12 Hipped Roof", 7th European-African Conference on Wind Engineering (EACWE 2017), July 4-7, Liege, Belgium.
38. Chiu, V., Ge, H. and Stathopoulos, T., (2017) "Field Measurements of Wind-Driven Rain: Verification and Expansion of Site Wind Conditions", 7th European-African Conference on Wind Engineering (EACWE 2017), July 4-7, Liege, Belgium.
39. Tominaga, Y. and Stathopoulos, T., (2017) "CFD Simulations of Near-Field Pollutant Dispersion with Different Plume Buoyancies" 7th European-African Conference on Wind Engineering (EACWE 2017), July 4-7, Liege, Belgium.
40. Cheng, J., Wang, L. and Stathopoulos, T., (2017) "Natural Ventilation Energy Saving Potential", 7th European-African Conference on Wind Engineering (EACWE 2017), July 4-7, Liege, Belgium.
41. Shao, S., Stathopoulos, T., Tian, Y. and Yang, Q. (2017) "Wind-induced Roof Pressures and Structural Forces on L- and T-shaped Low-Rise Buildings with Hip Roofs", 13th Americas Conference on Wind Engineering (13ACWE), May 21-24, Gainesville, FL, USA.
42. Alrawashdeh, H. and Stathopoulos, T., (2017) "Wind Loads on Roof-Mounted Solar Panels – Comparison of Codes and Standards", 13th Americas Conference on Wind Engineering (13ACWE), May 21-24, Gainesville, FL, USA.
43. Alrawashdeh, H. and Stathopoulos, T. (2017) "Wind Load Provisions for Roofs: Low-Rise Industrial and Institutional Buildings", 13th Americas Conference on Wind Engineering (13ACWE), May 21-24, Gainesville, FL, USA.
44. Alrawashdeh, H. and Stathopoulos, T. (2017) "Wind Effects on Roof-Mounted Solar Panels", International Conference Coordinating Engineering for Sustainability and Resilience CESARE'17, May 3-8, Dead Sea, Jordan.
45. Nguyen, S., Stathopoulos, T. and Tirca, L. (2017) "Wind-Induced Shear Force and Torsional Moment in Low-Rise and Medium-Rise Buildings according to the NBCC 2015 Provisions", *Colloque 2017 du CEISCE*, May 4-5, Montreal, Quebec, Canada.
46. Stathopoulos, T. (2017) "Urban Wind Energy: Potential and Challenges", Intern. Conference on Wind Energy Harvesting WINERCOST'17, April 20-21, Coimbra, Portugal.
47. `Dilimulati, A., Stathopoulos, T. and Parashivoiu, M. (2017) "Wind Turbine Designs for Urban Applications", Intern. Conference on Wind Energy Harvesting WINERCOST'17, April 20-21, Coimbra, Portugal.
48. Nguyen, Thai Son, Stathopoulos, T. and Tirca, L. (2017) "Wind-Induced Shears and Torsions for Low- and Medium-Rise Buildings Using Code Provisions and Experimental Results", SEI-ASCE Structures Congress, April 6-8, Denver, CO, USA.
49. Athienitis, A., Buonomano, A., Ioannidis, Z., Kapsis, K. and Stathopoulos, T. (2017) "Double Skin Facades Integrating Photovoltaics and Active Shadings: A Case Study for Different Climates", International Conference on Building Integrated Renewable Energy Systems BIRES 2017, March 6-9, Dublin, Ireland.
50. Alrawashdeh, H. and Stathopoulos, T. (2016) "Wind Pressures on Solar Panels: Current State-of-the-art", 14th International Symposium on Structural Engineering ISSE-14, October 12-15, Beijing, China, **invited.**
51. Shao, S., Stathopoulos, T., Yang, Q.S. and Tian, Y. (2016) "Wind Pressures on Low-rise Buildings with Complex Roofs: Basic Aerodynamics, Local and Area-averaged Loads", 14th International Symposium on Structural Engineering ISSE-14, October 12-15, Beijing, China.
52. Blocken, B. and Stathopoulos, T. (2016) "Smart Cities: A Wind Engineering Perspective", IN-VENTO 2016, XIV Conference of the Italian Association for Wind Engineering, September 25-28, Terni, Italy, **invited.**
53. Chavez, M., Stathopoulos, T. and Bahloul, A. (2016) "Re-ingestion of Pollutants in the Building Environment: A Review of Computational Approaches", INDOOR AIR 2016, July 3-8, Ghent, Belgium.
54. Alrawashdeh, H. and Stathopoulos, T. (2016) "Roof-mounted Solar Panels under Wind Action", Eighth International Colloquium on Bluff Body Aerodynamics & Applications, June 7-11, Boston, MA, USA.
55. Tominaga, Y. and Stathopoulos, T. (2016) "CFD Simulations of Near-field Dispersion around Isolated Cubical Buildings: Evaluation of URANS", Eighth International Colloquium on Bluff Body Aerodynamics & Applications, June 7-11, Boston, MA, USA.
56. Alrawashdeh, H., and Stathopoulos, T. (2016) "Wind Pressure Coefficient Provisions for Large Flat Roofs", 5th International Natural Disaster Mitigation Specialty Conference, Canadian Society of Civil Engineering (CSCE), June 1-4, London, Ontario, Canada.
57. Ioannidis, Z., Buonomano, A., Athienitis, A. and Stathopoulos, T. (2016) "Double Skin Facades Integrating Photovoltaic Panels: A Comparative Analysis of the Thermal and Electrical Performance", 12th REHVA World Congress CLIMA2016, May 22-25, Aalborg, Denmark.
58. Ioannidis, Z., Buonomano, A., Athienitis, A. and Stathopoulos, T. (2016) "A Detailed Dynamic Model of Multi-story Double Skin Facades with Integrated Photovoltaic Panels", eSim 2016 conference, May 4-5, McMaster University, Hamilton, Ontario, Canada.
59. Rounis, E., Athienitis, A. and Stathopoulos, T., (2016) "Multiple-inlet BIPV/T Modelling and Design Including Wind Effects", eSim 2016 conference, May 4-5, McMaster University Hamilton, Ontario, Canada.
60. Stathopoulos, T. (2016) "Wind Loads on Solar Panels: Review of Research Progress", SEI-ASCE Geotechnical and Structural Engineering Congress, February 14-17, Phoenix, AR, USA.
61. Hajra, B. and Stathopoulos, T. (2015) "Pollutant Re-ingestion in an Urban Environment: Does the ASHRAE Approach Work for Building Clusters?", 14th International Conference on Wind Engineering, June 21-26, Porto Alegre, Brazil.
62. Elsharawy, M., Stathopoulos, T. and Zhang, Z. (2015) "Effect of Low-Rise Building Shape on Wind-induced Torsion and Shear Forces", 14th International Conference on Wind Engineering, June 21-26, Porto Alegre, Brazil.
63. Chavez, M., Stathopoulos, T. and Bahloul, A. (2015) "CFD Simulations for Placement of Air Intakes on Buildings and Pollutant Re-ingestion in the Urban Environment", 14th International Conference on Wind Engineering, June 21-26, Porto Alegre, Brazil.
64. Chiu, V., Ge, H. and Stathopoulos, T. (2015). "Overhang Effect on Reducing Wind-driven Rain for a Mid-rise Building", 6th International Building Physics Conference (IBPC 2015), June 14–17, Torino, Italy.
65. Rounis, E., Bigaila, P. L., Athienitis, A., and Stathopoulos, T. (2015). "Multiple-inlet BIPV/T Modeling: Wind Effects and Fan-induced Suction", 6th International Building Physics Conference (IBPC 2015), June 14-17, Torino, Italy.
66. Stathopoulos, T. and Zhang, Z. (2015) "Wind Loads on Solar Panels: Recent Progress and Limitations", SEI-ASCE Structures Congress, April 23-25, Portland, OR, USA.
67. Zhang, Z., Elsharawy, M., and Stathopoulos, T. (2014). "Aerodynamic Torsional Loads on L-Shaped Low-rise Buildings", The 2014 World Congress on advances in Civil, Environmental, & Materials Research (ACEM14), August 24-28 at BEXCO in Busan, Korea.
68. Zhang, Z. and Stathopoulos, T. (2014). "Wind Loads on Solar Panels Mounted on Flar Rooftops: Progress and Limitations", The 2014 World Congress on advances in Civil, Environmental, & Materials Research (ACEM14), August 24-28 at BEXCO in Busan, Korea.
69. Alrawashdeh, H., Elsharawy, M., and Stathopoulos, T. (2014) "Wind Pressures on Large Flat Roof Edges and Corners", Engineering Mechanics Institute Conference (EMI 2014), August 5-8, McMaster University, Hamilton, Ontario, Canada (accepted abstract for oral presentation).
70. Al-Quraan, A., Pillay, P. and Stathopoulos, T. (2014) "Use of a Wind Tunnel for Urban Wind Power Estimation", IEEE Power & Energy Society General Meeting, July 27-31, Washington, DC, U.S.A.
71. Ladas, D. and Stathopoulos, T. (2014) "Wind Effects on the Performance of Solar Collectors on Roofs", ICBEST 2014, June 9-12, Aachen, Germany.
72. Chavez, M., Stathopoulos, T. and Bahloul, A. (2014) "CFD Flow and Dispersion Modelling: Unsteady RANS, DES and LES Performance Comparison", Proceedings of the 14th International Conference on Computational Wind Engineering (CWE2014), June 8-12, Hamburg, Germany.
73. Elsharawy, M., Alrawashdeh, H., and Stathopoulos, T. (2014) "Wind Loading Zones for Low-rise Buildings with Flat Roofs", 4th International Structural Specialty Conference, Canadian Society of Civil Engineering (CSCE), May 28-31, Halifax, NS, Canada.
74. Stathopoulos, T. and Chavez, M. (2014) *"Les toits durables dans le vent: quelques exemples*

*d'intégration",* Colloque 631 – *Approche écoénergétique et écosystémique des toits urbains*, 82e ACFAS, Université Concordia, May 12-16, Montreal, Quebec, Canada.

1. Ladas, D. and Stathopoulos, T., (2014) "Wind Effects on the Performance of Solar Collectors on Roofs", eSim 2014 conference, May 8-9, Ottawa, Ontario, Canada.
2. Al-Quraan, A., Stathopoulos, T. and Pillay, P. (2014) "Estimation of Urban Wind Energy in Montreal". International Conference on Civil Engineering for Sustainability and Resilience CESARE'14, April 24-27, Amman, Jordan.
3. Zisis, I. and Stathopoulos, T. (2014) "Wind Loads on Solar Panels: A Review of the state-of-the-Art", SEI-ASCE Structures Congress, April 3-5, Boston, MA, USA.
4. Elsharawy, M., Stathopoulos, T., and Galal, K. (2013) "Wind Tunnel Study on Load Combinations Including Torsion for Design of Medium-Rise Buildings", The Eighth Asia-Pacific Conference on Wind Engineering (APCWE), December 10-14, Chennai, India.
5. Vasan, N. and Stathopoulos, T., (2013) "The Effect of Wind Velocity Distribution on Unglazed Transpired Collectors", Building Simulation 2013 Conference, August, 25-28, Chambery, France.
6. Zisis, I. and Stathopoulos, T. (2013) "Wind Design of Timber Buildings", ICSA 2013, July 24-26, Guimaraes, Portugal.
7. Elsharawy, M., Stathopoulos, T., and Galal, K. (2013). Wind load combinations including torsion for medium-rise buildings. European-African Conference on Wind Engineering, (EACWE 2013), July 9-1, Cambridge, England.
8. Stathopoulos, T., Xypnitou, E. and Zisis, I. (2013) "Wind-induced Loads on Rooftop and Ground Photovoltaic Panel Systems", 12th Americas Conference on Wind Engineering (12ACWE), June 16-20, Seattle, Washington, USA.
9. Lateb, M., Masson, C., Stathopoulos, T., and Bedard, C. (2013) "Detached-eddy Simulation of Pollutant Dispersion around an Urban Two-Building Configuration", 12th Americas Conference on Wind Engineering (12ACWE), June 16-20, Seattle, Washington, USA.
10. Elsharawy, M., Galal, K and Stathopoulos, T., (2013). Comparison of wind tunnel results with Canadian provisions for wind-induced torsion on low- and medium-rise buildings. Annual General Meeting and Conference, Canadian Society of Civil Engineering (CSCE), May 29- June 1, Montreal, Canada - **Second Best Student Paper Award.**
11. Stathopoulos, T., Xypnitou, E. and Zisis, I. (2013) "Wind Loads on Solar Collectors and PV Panels on Roofs", SEI-ASCE Structures Congress, May 2-4, Pittsburgh, PA, USA.
12. Stathopoulos, T. and Hajra, B. (2013) "Wind engineering education: Current state and outlook for the future", Proceedings of the 6th International Symposium on Wind Effects on Building and Urban Environment, March 6, Tokyo, Japan.
13. Elsharawy, M., Stathopoulos, T., and Galal, K. (2012). Wind-induced torsional aerodynamic loads on low- and medium-height buildings. Seventh International Colloquium on Bluff Body Aerodynamics & Applications, September 2-6, Shanghai, China.
14. Gousseau, P., Blocken, B., Stathopoulos, T. and van Heijst GJ (2012) "Large-Eddy Simulation of Pollutant Dispersion in Downtown Montreal: Evaluation of the Convective and Turbulent Mass Fluxes", International Environmental Modelling & Software Society, iEMSs 2012, July 1-5, Leipzig, Germany – **Third Best Student Paper Award.**
15. Zisis, I. and Stathopoulos, T. (2012) "Field Data Stationarity for a Full-scale Wind Monitoring Study", 2012 Joint Conference of the Engineering Mechanics Institute and the 11th ASCE Joint Specialty Conference on Probabilistic Mechanics and Structural Reliability, June 17-20, Notre Dame, Indiana, USA.
16. Stathopoulos, T., Saathoff, P. and Zisis, I. (2012) "Windbreaks for the Comfort of Workers in Loading Zones of Commercial Buildings", 5th International Building Physics Conference (IBPC), May 28-31, Kyoto, Japan.
17. Vasan, N. and Stathopoulos, T. (2012) "Wind Tunnel Assessment of the Wind Velocity Distribution on Vertical Facades", 7th Biennal Building Simulation Conference of IBPSA-Canada (eSim 2012), May 2-3, Halifax, Nova Scotia, Canada.
18. Stathopoulos, T., Zisis, I. and Xypnitou, E. (2012) "Wind Loads on Solar Collectors: A Review", SEI-ASCE Structures Congress, March 29-31, Chicago, Illinois, USA.
19. Hajra, B., Chavez, M., Stathopoulos, T. and Bahloul, A. (2011) "Modeling of Near-field Pollutant Dispersion in the Built Environment: Models and Challenges", PHYSMOD2011, August 22-24, Hamburg, Germany.
20. Chavez, M., Hajra, B., Stathopoulos, T. and Bahloul, A. (2011) "Assessment of Near-field Pollutant Dispersion: Effect of Upstream Buildings", 13th International Conference on Wind Engineering, July 10-15, Amsterdam, The Netherlands.
21. Tominaga, Y. and Stathopoulos, T. (2011) "CFD Modeling of Pollution Dispersion in Street Canyons: Evaluation of Turbulent Scalar Flux Modeling in RANS Model using LES Results", 13th International Conference on Wind Engineering, July 10-15, Amsterdam, The Netherlands.
22. Zisis, I., Stathopoulos, T. and Suarez, J. (2011) "Codification of Wind Loads on a Patio Cover based on a Parametric Wind Tunnel Study", 13th International Conference on Wind Engineering, July 10-15, Amsterdam, The Netherlands.
23. Zisis, I. and Stathopoulos, T. (2011) "Wind Load Transfer Mechanism on a Low Wood Building using Full-Scale Load Data", 13th International Conference on Wind Engineering, July 10-15, Amsterdam, The Netherlands.
24. Elsharawy, M., Stathopoulos, T. and Galal, K. (2011) "Wind-Induced Torsional Loads on Low Buildings", 13th International Conference on Wind Engineering, July 10-15, Amsterdam, The Netherlands.
25. Stathopoulos, T., Chavez, M. and Bahloul, A. (2011) "CFD Approaches to Predicting Dilution from Exhaust Stacks in Urban Areas", ASHRAE Annual Conference, June 25-29, Montreal, Quebec, Canada.
26. Zisis, I., Stathopoulos, T., Smith, I. and Dudak, G. (2011) "Wind Loading of a Wood Light-Frame Building", CSCE 2011 General Conference, June 14-17, Ottawa, Ontario, Canada.
27. Elsharawy, M., Galal, K. and Stathopoulos, T. (2011) "Wind-Induced Torsional Loads on Low-Rise Buildings: Effect of Geometrical Design Variables", CSCE 2011 General Conference, June 14-17, Ottawa, Ontario, Canada.
28. Bahloul, A., Chavez, M., Hajra, B. and Stathopoulos, T. (2011) "Near field Pollutant Dispersion around Buildings in the Urban Environment", 12th International Conference on Indoor Air Quality and Climate, June 5-10, Austin, Texas, USA.
29. Elsharawy, M., Stathopoulos, T. and Galal, K. (2011) "Evaluation of Wind-Induced Torsional Loads on Buildings by North American and European Codes and Standards", SEI-ASCE Structures Congress, April 14-16, Las Vegas, Nevada, USA.
30. Elsharawy, M., Galal, K. and Stathopoulos, T. (2011) "Wind-Induced Torsional Loads on Low-Rise Buildings", SEI-ASCE Structures Congress, April 14-16, Las Vegas, Nevada, USA.
31. Stathopoulos, T. and Zisis, I. (2010) "Contributions of Wind Tunnel and Full-Scale Studies to Wind-Induced Disaster Mitigation", The 2010 APEC-WW & IG-WRDRR Joint Workshop "Wind-Related Disaster Risk Reduction (WRDRR) Activities in Asia-Pacific Region and Cooperative Actions, October 24, Incheon, Korea.
32. Stathopoulos, T. and Zisis, I. (2010) "Wind Load Revisions in 2010 National Building Code of Canada and Future Research-based Submissions", 6th Workshop on Regional Harmonization of Wind Loading and Wind Environmental Specifications in Asia-Pacific Economies – APEC ww 2010, October 21-23, Kwandong University, South Korea.
33. Stathopoulos, T., Zisis, I. and Baniotopoulos, C. C. (2010) "Structural Design of Urban Habitat Construction against Catastrophic Wind Actions", Proceedings, Urban Habitat Constructions under Catastrophic Events, Taylor & Francis Group, London.
34. Vamvatsikos, D., Kouris, L. A., Panagopoulos, G., Kappos, A. J., Nigro, E., Rossetto, T., Lloyd, T. O. and Stathopoulos, T. (2010) "Structural Vulnerability Assessment under Natural Hazards", Proceedings, Urban Habitat Constructions under Catastrophic Events, Taylor & Francis Group, London.
35. Blocken, B. and Stathopoulos, T. (2010) "Evaluation of CFD for Simulating Air Pollutant Dispersion around an Isolated Building", ASHRAE Annual Conference, June 26-30, Albuquerque, NM, USA.
36. Chavez, M., Hajra, B., Stathopoulos, T. and Bahloul, A. (2010) "Near-field Pollutant Dispersion in the Built Environment by CFD and Wind Tunnel Simulations", The 5th Intern. Symposium on Computational Wind Engineering (CWE2010), May 23-27, Chapel Hill, NC, USA.
37. Gousseau, P., Blocken, B., Stathopoulos, T. and van Heijst, G. (2010) "ICFD Simulation of Pollutant Dispersion around Buildings: Comparison between RANS k-ε and LES Aproaches", The 5th Intern. Symposium on Computational Wind Engineering (CWE2010), May 23-27, Chapel Hill, NC, USA.
38. Lateb, M., Masson, C., Stathopoulos, T. and Bedard, C. (2010) "Influence of Turbulence Models on Pollutant Dispersion Studies in Urban Environments", The 5th Intern. Symposium on Computational Wind Engineering (CWE2010), May 23-27, Chapel Hill, NC, USA.
39. Zisis, I. and Stathopoulos, T. (2010) "Wind-Induced Loads on the Foundation of a Low-Rise Building: Full-Scale and Wind Tunnel Experimentation", SEI-ASCE Structures Congress, May 13-15, Orlando, Florida, USA.
40. Bahloul A, Hajra B. and Stathopoulos T. (2010) "Dispersion of effluents from building roof stacks: Comparison of various models, CFD and wind tunnel results", Proceedings of the 10th REHVA World Congress (CLIMA 2010), May 9-12, Antalya, Turkey.
41. Stathopoulos, T., Zisis, I. and Wang, K. (2009) "Terrain Classification and Exposure Factor in the 2005 National Building Code of Canada", 5th Workshop on Regional Harmonization of Wind Loading and Wind Environmental Specifications in Asia-Pacific Economies – APEC ww 2009, November 12-14, Tamsui, Taipei County, Taiwan.
42. Zisis, I. and Stathopoulos, T. (2009) "Wind Loads on Low-Rise Buildings: Upstream Exposure Effect", The Seventh Asia-Pacific Conference on Wind Engineering APCWE-VII, November 8-12, Taipei, Taiwan.
43. Bahloul, A., Hajra, B. and Stathopoulos, T. (2009) "Estimation of Pollutant Concentrations from Building Roof Stacks: Comparison of Various Models", 9th Intern. Conference & Exhibition on Healthy Buildings 2009, September 13-17, Syracuse, NY, USA.
44. Blocken, B., Stathopoulos, T., Carmeliet, J. and Hensen, J. (2009) "Application of CFD in Building Performance Simulation for the Outdoor Environment", 11th International Building Performance Simulation Association Conference and Exhibition, July 27-30, Glasgow, U.K.
45. Stathopoulos, T. (2009) "Wind and Comfort", 5th European & African Conference on Wind Engineering, July 19-23, Florence, Italy, **keynote lecture.**
46. Mouriki, E., Karava, P., Athienitis, A., Stathopoulos, T. and Park, K.W. (2009) "Full-Scale Study of a Hybrid ventilation System Integrated with an Atrium: Night Ventilation Cooling Potential", The 4th Annual Canadian Solar Buildings Conference, June 25-27, Toronto, Ontario, Canada.
47. Karava, P. and Stathopoulos, T. (2009) "Wind-Induced Internal Pressures in Buildings with Large Façade Openings", 11th Americas Conference on Wind Engineering, June 22-26, San Juan, Puerto Rico, USA.
48. Zisis, I., Stathopoulos, T., Smith, I., Galal, K. and Doudak, G. (2009) "Wind-Induced Structural Attenuation in Low-Rise Wood Buildings", 11th Americas Conference on Wind Engineering, June 22-26, San Juan, Puerto Rico, USA.
49. Zisis, I. and Stathopoulos, T. (2009) "Wind Tunnel Experiments on a Patio Cover Attached to a Low-Rise Building", 11th Americas Conference on Wind Engineering, June 22-26, San Juan, Puerto Rico, USA.
50. Blocken, B., Stathopoulos, T. and Carmeliet, J. (2009) "CFD Applications in Building Aerodynamics: Influence of the Wind-Blocking Effect", 4th International Building Physics Conference, June 15-18, Istanbul, Turkey.
51. Bahloul A, Stathopoulos T, and Hajra B. (2009) "Étude comparative des modèles de dispersion des émissions polluantes des cheminées des immeubles", Le croisement des générations: échanger connaissances et expériences: Congrès de l'Association québécoise pour l'hygiène, la santé et la sécurité du travail/ AQHSST, May 13-15, Montreal, Canada.
52. Stathopoulos, T., Wang, K. and Zisis, I. (2009) " Wind Loading and Building Exposure: Are we still on A, B, C?", SEI-ASCE Structures Congress, April 30 – May 2, Austin, Texas, USA.
53. Stathopoulos, T. (2009) "COST C26: Urban Habitat Constructions under Catastrophic Events", 4th International Symposium on Wind Effects on Buildings and Urban Environment (ISWE4), Cooperative Actions for Disaster Risk Reduction (CADRR), March 4-6, Tokyo, Japan, **invited lecture.**
54. Stathopoulos, T., Baniotopoulos, C. C. and Zisis, I. (2008) "Structural Failure and Prevention during Catastrophic Wind Events", International Symposium on Urban Habitat Constructions under Catastrophic Events, COST ACTION C26, October 23-25, Malta.
55. Chatzinikos, K., Baniotopoulos, C. C. and Stathopoulos, T. (2008) "Wind Effects on Glass-Aluminum Façades – A Comparative Study of Code Provisions", 5th European Conference on Steel and Composite Structures EUROSTEEL2008, September 3-5, Graz, Austria.
56. Mouriki, E., Karava, P., Athienitis, A., Park, K-W, Stathopoulos, T. (2008) "Full-Scale Study of an Atrium Integrated with a Hybrid Ventilation System", 3rd Canadian Annual Solar Buildings Conference, August 20-22, Fredericton, NB, Canada.
57. Bahloul, A., Stathopoulos, T., Hajra, B. and Gupta, A. (2008) "A Comparative Study of ADMS, ASHRAE and Wind Tunnel Simulation for Rooftop Dispersion of Airborne Pollutants", 11th International Conference on Indoor Air Quality and Climate, August 17-22, Copenhagen, Denmark.
58. Tominaga, Y. and Stathopoulos, T. (2008) "Numerical Simulation of Plume Dispersion around an Isolated Cubic Building: Comparison between RANS and LES Computations", Sixth International Colloquium on Bluff Body Aerodynamics & Applications, July 20-24, Milano, Italy.
59. Zisis, I. and Stathopoulos, T. (2008) "Wind Load Paths on Load Wood Buildings", Annual General Meeting and Conference, CSCE, June 10-13, Quebec City, Quebec, Canada.
60. Zisis, I., Stathopoulos, T., Galal, K. and Smith, I. (2008) "Wind Tunnel Tests and Structural Monitoring of a Low Wooden Building", 10th World Conference on Timber Engineering, June 2-5, Miyazaki, Japan.
61. Blocken, B. and Stathopoulos, T. (2008) "On the Use of CFD for Modelling Air Pollutant Dispersion around Buildings", 4th International Conference on Advances in Wind and Structures, May 29-31, Jeju, Korea, **invited lecture.**
62. Lateb, M., Masson, C., Bedard, C. and Stathopoulos, T. (2008) "Numerical Simulation of Wind-Induced Dispersion from a Roof Stack in the Wake of Another Building", 4th International Conference on Advances in Wind and Structures, May 29-31, Jeju, Korea.
63. Stathopoulos, T. (2008) "Introduction to Wind Engineering and Building Aerodynamics", First International Workshop on Wind and Steel Structures, May 5, Jordan University of Science and Technology, Irbid, Jordan, **invited lecture.**
64. Zisis, I. and Stathopoulos, T. (2008) "Field and wind tunnel experiments to evaluate wind-induced cladding and structural loads on a low wooden building", 18th Analysis and Computation Specialty Conference – SEI-ASCE Structures Congress, April 24-26, Vancouver, Canada.
65. Stathopoulos, T. (2008) "Cross-border Wind Engineering Contributions: ASCE 7 – A case-in-point", SEI-ASCE Structures Congress, April 24-26, Vancouver, Canada.
66. Stathopoulos, T. (2008) "New Frontiers in Wind Design Standards and Codes of Practice", 3rd International Symposium on Wind Effects on Buildings and Urban Environment (ISWE3), March 4-5, Tokyo, Japan, **invited lecture.**
67. Tominaga, Y. and Stathopoulos, T. (2007) "CFD Analysis of Flow and Concentration Fields around a Building with a Roof Stack", 6th International Conference on Indoor Air Quality, Ventilation & Energy Conservation in Buildings, October 28-31, Sendai, Japan.
68. Uematsu, Y., Iizumi, E. and Stathopoulos, T. (2007) "Wind Force Coefficients for the Structural Frames of Fee-standing Canopy Roofs", 12th International Conference on Wind Engineering, July 1-6, Cairns, Australia.
69. Blocken, B., Stathopoulos, T. and Carmeliet, J. (2007) "Wind Environmental Conditions in Passages between two Long Narrow Perpendicular Buildings", 12th International Conference on Wind Engineering, July 1-6, Cairns, Australia.
70. Karava, P., Stathopoulos, T. and Athienitis, A. (2007) "Cross-Ventilation Building Design: Application of Particle Image Velocimetry", 12th International Conference on Wind Engineering, July 1-6, Cairns, Australia.
71. Tominaga, Y. and Stathopoulos, T. (2007) "Numerical Simulation of Dispersion around an Isolated Cubic Building – Influence of Turbulence Models and Turbulent Schmidt Number", 12th International Conference on Wind Engineering, July 1-6, Cairns, Australia.
72. Karava, P., Stathopoulos, T. and Athienitis, A. (2007) "Guidelines for Sustainable Building Design through Natural Ventilation", CSCE 2007 Annual General Meeting and Conference, June 6-9, Yellowknife, Northwest Territories.
73. Wang, K. and Stathopoulos, T. (2006) "Modeling Terrain Effects and Application to the Wind Loading of Buildings", 10th Arab Structural Engineering Conference, November 13-15, Kuwait.
74. Karava, P., Athienitis, A., Stathopoulos, T. and Reardon, J.T. (2006) "Modeling of Indoor-Outdoor Air-exchange in a Multi-unit Residential Building", Third International Conference on Building Physics, August 27-31, Montreal, Quebec.
75. Blocken, B., Stathopoulos, T. and Carmeliet, J. (2006) "Urban Building Physics: A CFD Study of the Venturi-effect in Non-parallel Passages between Buildings", Third International Conference on Building Physics, August 27-31, Montreal, Quebec.
76. Doudak, G., McClure, G., Smith, I. and Stathopoulos, T. (2006) "Field Measurements of Wind Forces on Wood Buildings", 9th World Conference on Timber Engineering (WCTE2006), August 6-10, Portland, OR, U.S.A.
77. Blocken, B, Stathopoulos, T. and Carmeliet, J. (2006) "Towards Grid Resolution Guidelines for CFD Simulation", The Fourth International Symposium on Computational Wind Engineering (CWE2006), July 16-19, Yokohama, Japan.
78. Blocken, B., Stathopoulos, T. and Carmeliet, J. (2006) "On Equilibrium Wind Speed and Turbulence Profiles for CFD Simulation of Atmospheric Boundary Layer Flows", The Fourth International Symposium on Computational Wind Engineering (CWE2006), July 16-19, Yokohama, Japan.
79. Wang, X., Stathopoulos, T. and Saathoff, P. (2006) "Numerical Evaluation of Dispersion of Pollutants in the Building Environment: Comparisons with Models and Experiments", The Fourth International Symposium on Computational Wind Engineering (CWE2006), July 16-19, Yokohama, Japan.
80. Wang, K. and Stathopoulos, T. (2006) "The Impact of Exposure on Wind Loading of Low Buildings", SEI-ASCE Structures Congress, May 18-20, St. Louis, Missouri, U.S.A.
81. Karava, P., Athienitis, A., Stathopoulos, T. and Reardon, J. (2006) "Predicting the Pressure Regimes and Resultant Indoor-Outdoor Air-Exchange in a Multi-Unit Residential Building", e-sim Conference, May 3-6, Toronto, Ontario.
82. Blocken, B., Stathopoulos, T. and Carmeliet, J. (2006), "CFD in Urban Aerodynamics: Wind Speed Conditions in Passages between Parallel Buildings", Earth & Space 2006, 10th Biennial ASCE Aerospace Division International Conference on Engineering, Construction and Operations in Challenging Environments, March 5-8, League City, TX, U.S.A.
83. Karava, P., Stathopoulos, T. and Athienitis, A. (2005), "Contribution to Natural Ventilation Design", The Second International Workshop on Natural Ventilation, December 1-2, Tokyo, Japan, **invited lecture.**
84. Stathopoulos, T. (2005), "Wind Loads on Low Buildings: Current and Future Design Trends", APCWE-6 The Sixth Asia-Pacific Conference on Wind Engineering, September 12-14, Seoul, Korea, **invited lecture**.
85. Blocken, B., Stathopoulos, T. and Carmeliet, J. (2005), "A Numerical Study on the Existence of the Venturi-effect in Passages between Perpendicular Buildings", APCWE-6 The Sixth Asia-Pacific Conference on Wind Engineering, September 12-14, Seoul, Korea
86. Gupta, A., Saathoff, P. and Stathopoulos, T. (2005), "Effect of Building Orientation on Downwash due to Rooftop Structures", PHYSMOD 2005: International Workshop on Physical Modeling of Flow and Dispersion Phenomena, August 24-26, London, Ontario.
87. Doudak, G., Gallagher, A., Kasal, B., McClure, G., Mohammad, M., Smith, I., Stathopoulos, T. and Zisis, I. (2005), "Towards Wind Load Paths on Wood Buildings", Fourth European & African Conference on Wind Engineering, July 11-15, Prague, Czech Republic.
88. Delpech, P., Baker, C.J., Blackmore, P.A., Koss, H.H., Sanz-Andrés, A., Stathopoulos, T. and Willemsen, E. (2005), "Pedestrian Wind Comfort Assessment Criteria: A Comparative Study", Fourth European & African Conference on Wind Engineering, July 11-15, Prague, Czech Republic.
89. Wang, K. and Stathopoulos, T. (2005), "Exposure Model for Wind Loading of Buildings", Fourth European & African Conference on Wind Engineering, July 11-15, Prague, Czech Republic.
90. Blocken, B., Carmeliet, J. and Stathopoulos, T. (2005), "A numerical study of the wind speed conditions in passages between buildings and the Venturi-effect", Fourth European & African Conference on Wind Engineering, July 11-15, Prague, Czech Republic.
91. Uematsu, Y., Iizumi, E. and Stathopoulos, T. (2005) "Wind force coefficients for designing free-standing canopy roofs", Fourth European & African Conference on Wind Engineering, July 11-15, Prague, Czech Republic.
92. Saathoff, P., Gupta, A., Stathopoulos, T. and Lazure, L. (2005) "Wind Tunnel Simulation of Tracer Gas Experiments Performed in an Urban Environment: Scaling Considerations", 98th Annual Conference and Exhibition of the Air and Waste Management Association (A&WMA), June 21–24, Minneapolis, MN, U.S.A.
93. Bedair, R. and Stathopoulos, T. (2005) "Wind-induced Pressures on Parapets: Experimental and Numerical Evaluation", 33rd CSCE Annual Conference, June 2-4, Toronto, Ontario.
94. Bitsuamlak, G., Bedard, C. and Stathopoulos, T. (2005) "Numerical Evaluation of Wind Flow over Complex Terrain using an Object-oriented Approach", 33rd CSCE Annual Conference, June 2-4, Toronto, Ontario.
95. Bedair, R. and Stathopoulos, T. (2005) " Numerical Evaluation of Mean Wind Pressures on Flat Roofs with Parapets", 20th Canadian Congress of Applied Mechanics, May 30 – June 2, Montreal, Quebec.
96. Karava, P., Stathopoulos, T. and Athienitis, A.K. (2005) "Wind-driven Flow through Building Openings", 20th Canadian Congress of Applied Mechanics, May 30 – June 2, Montreal, Quebec.
97. Gupta, A., Saathoff, P. and Stathopoulos, T. (2005) "Plume Dispersion on the Roof of a Building: Influence of Rooftop Structure Geometry", 10th Americas Conference on Wind Engineering, May 31 - June 4, Bator Rouge, LA, U.S.A.
98. Wang, K. and Stathopoulos, T. (2005) "Characterization of Exposure for Wind Standards and Codes of Practice", 10th Americas Conference on Wind Engineering, May 31 - June 4, Bator Rouge, LA, U.S.A.
99. Karava, P., Stathopoulos, T. and Athienitis, A.K. (2005) "Wind-driven Flow through Building Openings", International Conference on Passive and Low Energy Cooling for the Built Environment, May 19-21, Santorini, Greece.
100. Stathopoulos, T., Lazure, L., Saathoff, P. and Gupta, A. (2004) "Wind-induced Dispersion of Pollutants from Building Exhaust in the Urban Environment", International Workshop on Wind Engineering and Sciences, October 29-30, Delhi, India, **invited lecture**.
101. Kala, S., Stathopoulos, T. and Suresh Kumar, K. (2004) "Wind Loads on Rainscreen Walls: Boundary Layer Wind Tunnel Experiments", Fifth International Colloquium on Bluff Body Aerodynamics & Applications BBAAV, July 11-15, Ottawa, Ontario.
102. Uematsu, Y., Stathopoulos, T. and Iizumi, E. (2004) "Wind Loads on Free-Standing Canopy Roofs: Part 1 Local Wind Pressures", Fifth International Colloquium on Bluff Body Aerodynamics & Applications BBAAV, July 11-15, Ottawa, Ontario.
103. Uematsu, Y., Stathopoulos, T. and Iizumi, E. (2004) "Wind Loads on Free-Standing Canopy Roofs: Part 2 Overall Wind Forces", Fifth International Colloquium on Bluff Body Aerodynamics & Applications BBAAV, July 11-15, Ottawa, Ontario.
104. Doudak, G., McClure, G., Smith, I., Hu, L. and Stathopoulos, T. (2004) "Environmental Load Paths in a Wood Light-frame Industrial Shed", 8th World Conference on Timber Engineering, June 14-17, Lahti, Findland,
105. Doudak, G., McClure, G., Mohammad, M., Smith, I., and Stathopoulos, T. (2004) "Monitoring the Environmental Load Paths in Wooden Light-Frame Constructions", 5th Structural Specialty Conference of the Canadian Society for Civil Engineering (CSCE), June 2-5, Saskatoon, SK.
106. Bitsuamlak, G., Stathopoulos, T. and Bedard, C. (2004) "Numerical Modeling of Wind Flow over Different Types of Topography", SEI-ASCE Structures Congress, May 22-26, Nashville, TN, U.S.A.
107. Stathopoulos, T. and Wu, H. (2004) "Using Computational Fluid Dynamics (CFD) for Pedestrian Winds", SEI-ASCE Structures Congress, May 22-26, Nashville, TN, U.S.A.
108. Karava, P., Stathopoulos, T. and Athienitis, A. (2004) "Natural Ventilation Openings – A Discussion of Discharge Coefficients", The 5th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, CIB 2004, May 2-7, Toronto, ON.
109. Stathopoulos, T. (2004) "Wind Effects on People", International Conference on Urban Wind Engineering & Building Aerodynamics, COST ACTION C14, Von Karman Institute for Fluid Dynamics, May 5-7, Brussels, Belgium, **keynote lecture**.
110. Stathopoulos, T., Lazure, L., Saathoff, P. and Gupta, A. (2004) "Wind-induced Dispersion of Exhaust from Rooftop Stacks and Air-intake Contamination", The First International Symposium on Wind Effects on Buildings and Urban Environment, Science Council of Japan, Tokyo Polytechnic University, March 8-9, Tokyo, Japan, **invited lecture**.
111. Saathoff, P., Gupta, A., Stathopoulos, T. and Lazure L. (2003) "Dispersion of Emissions from a Low Building Located Downwind a Tall Building", International Workshop on Physical Modeling of Flow and Dispersion Phenomena PHYSMOD2003, September 3-5, Prato, Italy.
112. Smith, I., Chui, Y.H., McClure, G., Doudak, G., Stathopoulos, T., Bartlett, M., Mohammad, M., Kasal, B., Foliente, G. and Paevere, P. (2003) "Monitoring light-frame timber buildings: Environmental loads and load paths", International Council for Building Research Studies and Documentation (CIB): Working Commission W18 – Timber Structures: Paper 36-16-1, August 11-14, Estes Park, USA.
113. van Schijndel, H., Zmeueanu, R. and Stathopoulos, T. (2003) "Simulation of Air Infiltration through Revolving Doors" Eighth Intern. IBPSA Conference, August 11-14, Eindhoven, Netherlands.
114. Bitsuamlak, G., Stathopoulos, T. and Bédard, C. (2003) "Effect of Topography on Design Wind Load: A Computational Approach", 31st World Congress on Housing "Housing: Process & Product", Oktay Ural, Adel Hanna, and Roger Bruno Richard (Editors), International Association for Housing Science, June 23-27, Montreal, Quebec.
115. Stathopoulos, T. (2003) "Wind Engineering Research into Practice", Eleventh International Conference on Wind Engineering, Texas Tech University, June 2-5, Lubbock, TX, U.S.A., **invited lecture**.
116. Borri, C. and Stathopoulos, T. (2003) "Urban Wind Engineering: Impact of Wind and Storms on City Life and Built Environment", Eleventh International Conference on Wind Engineering, Texas Tech University, June 2-5, Lubbock, TX, U.S.A.
117. Bitsuamlak, G., Stathopoulos, T. and Bedard, C. (2003) "Numerical Evaluation and Neural Net Predictions of Wind Flow over Complex Terrain", Eleventh International Conference on Wind Engineering, Texas Tech University, June 2-5, Lubbock, TX, U.S.A.
118. Saathoff, P., Gupta, A., Stathopoulos, T. and Lazure, L. (2003) "Effect of Roof Top Structures on the Plume from a Nearby Stack", Eleventh International Conference on Wind Engineering, Texas Tech University, June 2-5, Lubbock, TX, U.S.A.
119. Stathopoulos, T. (2003) "Wind Load Provisions for Low-Rise Buildings in the National Building Code of Canada: Influence On and Differences From the ASCE 7 Standard", SEI-ASCE Structures Congress, May 29-31, Seattle, WA, U.S.A.
120. Karava, P., Athienitis, A. and Stathopoulos, T. (2002) "Simulation of the Performance of Trickle Ventilators", e-sim 2002 Conference of IBPSA-Canada, September 11-13, Montreal, Quebec.
121. Saathoff, P., Lazure, L., Stathopoulos, T. and Peperkamp, H. (2002) "The Influence of a Rooftop Structure on the Dispersion of Exhaust from a Rooftop Stack", ASHRAE Summer Meeting, June 23-26, Honolulu, Hawaii, U.S.A.
122. Stathopoulos, T. (2002) "Wind Loads on Low Buildings: In the Wake of Alan Davenport's Contributions", Engineering Symposium to Honour Alan G. Davenport for his 40 Years of Contributions, The University of Western Ontario, June 20-22, London, Ontario.
123. Bitsuamlak, G. T., Stathopoulos, T. and Bedard, C. (2002) "Numerical Evaluation and Neural Network Prediction of Wind Flow over Complex Terrain", 30th Annual Conference – Canadian Society of Civil Engineering, June 5-8, Montreal, Quebec.
124. Wang, K. and Stathopoulos, T. (2002) "The Effects of Exposure on Wind Loading of Buildings", 30th Annual Conference – Canadian Society of Civil Engineering, June 5-8, Montreal, Quebec.
125. Westbury, P.S., Miles, S. D. and Stathopoulos, T. (2002) "CFD Application on the Evaluation of Pedestrian-Level Winds", Workshop on Impact of Wind and Storm on City Life and Built Environment, Cost Action C14, CSTB, June 3-4, Nantes, France.
126. Karava, P., Athienitis, A. and Stathopoulos, T. (2002) "Experimental Investigation of the Performance of Trickle Ventilators", Hybrid Ventilation 2002, Fourth Intern. Forum, May 14-15, Montreal, Quebec.
127. Bitsuamlak, G. T., Stathopoulos, T. and Bedard, C. (2002) "Numerical Evaluation of Wind Loads on Buildings with Upstream Complex Terrain", SEI-ASCE Structures Congress, April 4-6, Denver, CO, U.S.A.
128. de Wit, Martin H., Wisse, J. and Stathopoulos, T. (2001) "Wind Data Analysis in the Center of Eindhoven", 3rd European & African Conference on Wind Engineering, July 2-6, Eindhoven, The Netherlands.
129. Suresh Kumar, K., Stathopoulos, T., and Wisse, J. (2001) "Wind Loads on Rainscreen Walls", 3rd European & African Conference on Wind Engineering, July 2-6, Eindhoven, The Netherlands.
130. Zmeureanu, R., Stathopoulos, T., and Schopmeijer, M.E.D. (2001) "Air Leakage through the Building Envelope via Revolving Doors", International Conference on Building Envelope Systems and Technologies (ICBEST-2001), June 26-29, Ottawa, Ontario.
131. Stathopoulos, T., Saathoff, P. and Bedair, R. (2001) "Roof Parapets: Is Wind Load a Problem?", 1st Americas Conference on Wind Engineering, June 4-6, Clemson, SC, U.S.A.
132. Suresh Kumar, K. and Stathopoulos, T., (2001) "Computer-Generated Wind Pressure Coefficients for Low Building Roofs", SEI-ASCE Structures Congress, May 21-23, Washington, DC, U.S.A.
133. Tsegaye, G.B., Stathopoulos, T. and Bedard, C., (2001) "Determination of Flow Characteristics of Mountain-Valley Systems by Numerical Modelling", SEI-ASCE Structures Congress, May 21-23, Washington, DC, U.S.A.
134. Stathopoulos, T., Saathoff, P. and Du, X., (2000) "Wind Loads on Parapets", Fourth International Colloquium on Bluff Body Aerodynamics & Applications, September 11-14, Ruhr-Universitat Bochum, Germany.
135. Stathopoulos, T., (2000) "The Numerical Wind Tunnel for Industrial Aerodynamics: Real or Virtual in the New Millennium?", 3rd International Symposium on Computational Wind Engineering, University of Birmingham, September 4-7, Birmingham, UK, **Invited Paper.**
136. Kumar, K.S. and Stathopoulos, T., (2000) "A Computerized Approach Replacing Wind Pressure Time Series Databases", Eighth ASCE Joint Specialty Conference on Probabilistic Mechanics and Structural Reliability, University of Notre Dame, July 24-26, Notre Dame, IN, U.S.A.
137. Tsegaye, G.B., Stathopoulos, T. and Bedard, C., (2000) "Progress on Numerical Simulation of Wind Loads on Buildings", 8th Annual Conference of the CFD Society of Canada (CFD2K), June 11-13, Montreal, Quebec.
138. Kumar, K.S. and Stathopoulos, T., (2000) "Alternate Codification of Wind Pressure Coefficients for Low Building Roofs", 3rd Structural Specialty Conference, CSCE, June 7-10, London, Ontario.
139. Lazure, L., Stathopoulos, T. and Saathoff, P., (2000) "Air Intake Contamination by Building Exhausts: Tracer Gas Investigation of Atmospheric Dispersion Models in the Urban Environment", 6th International Symposium on Ventilation for Contaminant Control, Ventilation 2000, June 4-7, Helsinki, Finland.
140. Stathopoulos, T., (2000) "Recent Research on Wind Loads on Low Buildings", International Symposium on Wind and Structures for the 21st Century, January 26-28, Chejudo, Korea, **Invited Paper**.
141. Saathoff, P., Lazure, L., Stathopoulos, T. and Wei, X., (1999) "A Wind Tunnel and Field Study of Dispersion of Exhaust from a Rooftop Stack on a Cubical Building", Wind Tunnel Modelling of Dispersion of Exhaust in Environmental Flows, Euromech Colloquium 391, September 13-15, Prague, Czech Republic.
142. Khanduri, A. C., Stathopoulos, T. and Bédard, C., (1999) "Towards Generalization of Wind-Induced Interference Effects on Buildings", First Intern. Conference in Structural Engineering and Mechanics (ASEM'99), August 23-25, Seoul, Korea, **Invited Paper**.
143. Stathopoulos, T., Wang, K. and Wu, H., (1999) "Wind Standard Provisions for Low Building Gable Roofs Revisited", 10th Intern. Conference on Wind Engineering, June 21-24, Copenhagen, Denmark.
144. Saathoff, P., Stathopoulos, T., Xuan, W. and Lazure, L., (1999) "Dispersion of Pollutants around Buildings – Are Current Models Adequate?", 10th Intern. Conference on Wind Engineering, June 21-24, Copenhagen, Denmark.
145. Stathopoulos, T., Wu, H. and Zacharias, J., (1999) "Field Survey on Outdoor Human Comfort in an Urban Climate", 10th Intern. Conference on Wind Engineering, June 21-24, Copenhagen, Denmark.
146. Saathoff, P., Lazure, L. and Stathopoulos, T., (1999) "Dispersion of Exhaust from a Rooftop Stack in an Urban Environment", American Industrial Hygiene Conference & Exposition, June 5-11, Toronto, Ontario.
147. Stathopoulos, T., Wang, K. and Wu, H., (1999) "Proposed New Canadian Wind Provisions for the Design of Gabled Roofs", 1999 Annual Conference of the Canadian Society for Civil Engineering, June 2-5, Regina, Saskatchewan.
148. Lazure, L., Stathopoulos T. and Saathoff, P., (1999) "Contamination des Prises d'Air Neuf: Évaluation Terrain par Traçage des Modèles de Dispersion Atmospherique en Milieu Urbain", 21ième Congrès de l'Association québécoise pour l'hygiène, la santé et la securité du travail (AQHSST), April 28-30, Montreal, Quebec.
149. Wu, H. and Stathopoulos, T., (1999) "Assessment of the Wind Environment around Buildings", 1999 ASCE Structures Congress, April 18-21, New Orleans, LA, U.S.A..
150. Wu, H., Wang, K. and Stathopoulos, T., (1998) "Pressure Coefficients for Gable Roofs of Intermediate Slopes", 2nd East European Wind Engineering Conference, September 7-11, Prague, Czech Republic.
151. Wu, H., Stathopoulos, T. and Saathoff, P. J., (1998) "Wind-Induced Internal Pressures Revisited: Low-Rise Buildings", Structural Engineers World Congress, July 18-23, San Francisco, CA, U.S.A..
152. Wu, H. and Stathopoulos, T., (1998) "Recent Advances in Computer-Aided Wind Engineering", Structural Engineers World Congress, July 18-23, San Francisco, CA, U.S.A..
153. Li, Y. and Stathopoulos, T., (1998) "Evaluation of Pollutant Dispersion around a Building by a Two-Layer Approach", 6th Annual Conference of the CFD Society of Canada, CFD'98, June 7-9, Québec City, Québec.
154. Suresh Kumar, K. and Stathopoulos, T., (1998) "Non-Gaussian Wind Pressure Fluctuations on Roofs", 12th ASCE Engineering Mechanics Conference, May 17-20, LaJolla, CA, U.S.A..
155. Khanduri, A. C., Stathopoulos, T. and Bédard, C., (1998) "Wind Load Modifications Due to Shielding by Upstream Buildings", 12th ASCE Engineering Mechanics Conference, May 17-20, LaJolla, CA, U.S.A..
156. Stathopoulos, T., (1997) "A State-of-the-Art Report on Computational Wind Engineering", 7th Intern. Conference on Computing in Civil and Building Engineering, August 19-21, Seoul, Korea.
157. Suresh Kumar, K. and Stathopoulos, T., (1997) "Power Spectra of Wind Pressures on Low Building Roofs", 2nd European and African Conference on Wind Engineering, June 22-26, Genova, Italy.
158. Feldman, D., Stathopoulos, T., Cosmulescu, C. and Wu, H., (1997) "A New Apparatus for the Evaluation of Wind-induced Infiltration in Buildings", The Eighth US National Conference on Wind Engineering, June 5-7, Baltimore, MD, U.S.A..
159. Saathoff, P., Stathopoulos, T. and Wu, H., (1997) "The Influence of Freestream Turbulence on Nearfield Dilution of Exhaust from Building Vents", The Eighth US National Conference on Wind Engineering, June 5-7, Baltimore, MD, U.S.A..
160. Li, Y. and Stathopoulos, T., (1997) "Computational Evaluation of Pollutant Dispersion around Buildings: Estimation of Numerical Errors", The Eighth US National Conference on Wind Engineering, June 5-7, Baltimore, MD, U.S.A..
161. Suresh Kumar, K. and Stathopoulos, T., (1997) "Fatigue Analysis of Roof Cladding under Simulated Wind Loading", The Eighth US National Conference on Wind Engineering, June 5-7, Baltimore, MD, U.S.A..
162. Stathopoulos, T. and Wu, H., (1997) "New Provisions of Wind Loads in the National Building Code of Canada 1995", Second National Seminar on Wind Engineering, The Structural Engineering Research Centre, April, Ghaziabad, India.
163. Suresh Kumar, K. and Stathopoulos, T., (1996) "Computer Simulation of Wind-Induced Fatigue on Roof Cladding", Third Canadian Conference on Computing in Civil and Building Engineering, Aug. 26-28, Montreal, Québec.
164. Wu, H. and Stathopoulos, T., (1996) "Computer-aided Prediction of Pedestrian-level Wind Environment around Buildings", Third Canadian Conference on Computing in Civil and Building Engineering, Aug. 26-28, Montreal, Québec.
165. Stathopoulos, T., (1996) "Computational Wind Engineering: Past Achievements and Future Challenges", Second Intern. Symposium on Computational Wind Engineering, CWE'96, Aug. 4-8, Colorado State University, Ft. Collins, Co. U.S.A., **Keynote Lecture**.
166. Li, Y. and Stathopoulos, T., (1996) "Numerical Evaluation of Wind-Induced Dispersion of Pollutants around a Building", Second Intern. Symposium on Computational Wind Engineering, CWE'96, Aug. 4-8, Colorado State University, Ft. Collins, Co., U.S.A..
167. Simiu, E. and Stathopoulos, T., (1996) "Codification of Wind Loads on Buildings using Bluff Body Aerodynamics Data Bases", Third Bluff Body Aerodynamics and Applications Colloquium, July 28-Aug. 1, Virginia Tech., Blacksburg, VA, U.S.A..
168. Suresh Kumar, K. and Stathopoulos, T., (1996) "Computer Simulation of Fluctuating Wind Pressures on Low Building Roofs", Third Bluff Body Aerodynamics and Applications Colloquium, July 28- Aug. 1, Virginia Tech., Blacksburg, VA, U.S.A..
169. Li, Y. and Stathopoulos, T., (1996) "Numerical Evaluation of Wind-Induced Dispersion of Pollutants around Buildings", 2nd National Congress of Computational Mechanics, June 26-28, Chania, Greece.
170. Khanduri, A.C., Bédard, C. and Stathopoulos, T., (1996) "Modelling Wind-Induced Interference Effects - Integrating Experimental and Computerized Approaches", 1996 CSCE Annual Conference, Vol. I, pp. 588-599, May 29- June 1, Edmonton, Alberta, (**First Prize**).
171. Saathoff, P., Wu, H. and Stathopoulos, T., (1996) "Wind Tunnel Modelling of Atmospheric Dispersion in the Vicinity of Buildings", 11th ASCE Engineering Mechanics Conference, May 19-22, Florida Atlantic University, Ft. Lauderdale, Fl., U.S.A..
172. Saathoff, P., Wu, H. and Stathopoulos, T., (1996) "Dilution of Exhaust from Rooftop Stacks -Comparison of Wind Tunnel Data with Full-Scale Measurements", 9th Joint Conference on Air Pollution Meteorology, American Meteorological Society, Jan. 28-Feb. 2, Atlanta, GA, U.S.A..
173. Khanduri, A.C., Bédard, C. and Stathopoulos, T., (1995) "Modelling Wind-Induced Interference Effects - Building Design with a Hybrid KBS Approach", 6th International Conference on Computing in Civil and Building Engineering, Vol. 1, pp.221-228, July 12-15, Berlin, Germany.
174. Saathoff, P., Stathopoulos, T. and Matache-Petca, M., (1995) "Dispersion of Exhaust from Rooftop Stacks -- Comparison of Wind Tunnel and Field Data", 88th Annual Meeting of Air & Waste Management Assoc., June 18-23, San Antonio, TX, U.S.A..
175. Suresh Kumar, K. and Stathopoulos, T., (1995) "Stochastic Modelling of Wind Pressure Fluctuations on Low Building Roofs", 15th Canadian Congress of Applied Mechanics, CANCAM'95, May 28-June 1, Victoria, B.C..
176. Wu, H. and Stathopoulos, T., (1995) "Infrared Thermography for the Evaluation of Wind Regime Around Buildings", 10th ASCE Engineering Mechanics Conference, May 21-24, Univ. of Colorado at Boulder, Co., U.S.A..
177. Khanduri, A.C., Bédard, C. and Stathopoulos, T., (1995) "Development of a Hybrid KBS for Design Applications in Wind Engineering", ASCE Structures Congress 95, April 3-5, Boston, Ma, U.S.A..
178. Stathopoulos, T., (1995) "The SOA Report on CFD in Wind Engineering", ASCE Structures Congress 95, April 3-5, Boston, Ma., U.S.A..
179. Wu, H. and Stathopoulos, T., (1995) "Evaluation of Wind Conditions in the Urban Environment by a Novel Experimental Technique", ASCE Structures Congress 95, April 3-5, Boston, Ma., U.S.A..
180. Zhou, Y.S. and Stathopoulos, T., (1995) "A New Technique for the Numerical Simulation of Wind Flow around Buildings", 9th International Conference on Wind Engineering, January 9-13, New Delhi, India.
181. Khanduri, A.C., Bédard, C. and Stathopoulos, T., (1995) "Neural Network Modelling of Wind-Induced Interference Effects", 9th International Conference on Wind Engineering, January 9-13, New Delhi, India.
182. Zhou, Y. and Stathopoulos, T., (1994) "Computer Simulation of Three Dimensional Flow Around a Building by a Two-layer Method", Second Intern. Conference on Computational Structures Technology, Aug. 30 - Sept. 1, Athens, Greece.
183. Stathopoulos, T., Kumar, K.S. and Mohammadian, A.R., (1994) "Design Wind Pressure Coefficients for Monoslope Roofs: A Time-Series Approach", East European Conference on Wind Engineering, July 4-8, Warsaw, Poland.
184. Zhou, Y.S. and Stathopou FRQNT – Projet Recherche - Equipe los, T., (1994) "Improved Computer Simulation of 3D Wind Flow around a Building", First Congress on Computing in Civil Engineering, June 20-22, Washington, D.C., U.S.A..
185. Khanduri, A.C., Stathopoulos, T. and Bédard, C., (1994) "A Critical Review of Wind Loads on Buildings Due to Interference Effects", 1994 CSCE Annual Conference, June 1-4, Winnipeg, Manitoba.
186. Zhou, Y.S. and Stathopoulos, T., (1994) "Wind Effects on Buildings: A New Computational Approach", Second Annual Conference of the CFD Society of Canada, June 1-3, Toronto, Ontario.
187. Stathopoulos, T. and Wu, H., (1994) "Knowledge-Based Wind Loading for Envelope Design: Beyond Building Codes", Invitational Seminar on Wind, Rain and the Building Envelope, May 15-18, The University of Western Ontario, London, Ontario.
188. Saathoff, P., Dobrescu, M. and Stathopoulos, T., (1993) "Effects of Model Scale in Estimating Pollutant Dispersion near Buildings", Third Asia-Pacific Symposium on Wind Engineering, December 13-15, Hong Kong.
189. Stathopoulos, T. and Wu, H., (1993) "Generic Models for Pedestrian-level Winds in Built-up Regions", Third Asia-Pacific Symposium on Wind Engineering, December 13-15, Hong Kong.
190. Wu, H. and Stathopoulos, T., (1993) "Infrared-Thermography Technique for Pedestrian Wind Evaluation", Third Asia-Pacific Symposium on Wind Engineering, December 13-15, Hong Kong.
191. Stathopoulos, T., (1993) "Wind Effects on Low Buildings Shielded by Trees", 1st IAWE European and African Regional Conference, September 20-24, Guernsey, Channel Islands.
192. Stathopoulos, T., (1993) "Computational Wind Engineering - Issues and Concerns", Seventh U.S. National Wind Engineering Conference, June 27-30, Univ. of California, Los Angeles, CA, U.S.A..
193. Stathopoulos, T. and Munteanu-Badian, V.L., (1993) "Wind-Induced Suctions on Flat Roof Corners - The Effect of Parapet Revisited", Seventh U.S. National Wind Engineering Conference, June 27-30, Univ. of California, Los Angeles, CA, U.S.A..
194. Zhou, Y. and Stathopoulos, T., (1993) "Application of CFD Techniques in Wind Engineering", Inaugural Conference of the CFD Society of Canada, June 14-15, Montreal, Quebec.
195. Stathopoulos, T. and Luchian, H., (1993) "Design Wind Pressures for Eaves of Low Buildings", CSCE Annual Conference, June 8-11, Fredericton, NB.
196. Wu, H., Stathopoulos, T. and Bédard, C., (1993) "Computer-based Building Design and Pedestrian-level Wind Conditions", 5th International Conference on Computing in Civil and Building Engineering, June 7-9, Anaheim, California, U.S.A..
197. Stathopoulos, T. and Marathe, R., (1993) "Wind Pressures on Roof Corners - Full Scale Measurements", 14th Canadian Congress of Applied Mechanics, CANCAM ‘93, May 30 - June 4, Queen's University, Kingston, Ontario.
198. Stathopoulos, T. and Marathe, R., (1993) "Field Measurements of Wind-Induced Pressures on Roofs of Low Buildings", XI Structures Congress, ASCE, April 19-21, Irvine, CA, U.S.A..
199. Stathopoulos, T. and Luchian, H., (1992) "Wind-Induced Forces on Eaves of Low Buildings", Wind Engineering Society Inaugural Conference, September 28-30, Cambridge, England.
200. Stathopoulos, T. and Zhou, Y., (1992) "Computation of Wind Pressures on Arbitrarily-Shaped Buildings with Right Angles", First National Congress on Computational Mechanics, September 3-4, 1992, Athens, Greece, **Invited Paper**.
201. Stathopoulos, T. and Zhou, Y., (1992) "Numerical Simulation of Wind-Induced Pressures on Buildings of Various Geometries", First Intern. Symposium on Computational Wind Engineering, August 21-24, Tokyo, Japan, **Invited Paper**.
202. Stathopoulos, T., (1992) "Wind Pressures on Roofs of Different Geometries for Codification", 3rd National Congress on Mechanics, June 27-29, Athens, Greece.
203. Saathoff, P., Stathopoulos, T. and Dobrescu, M., (1992) "Dispersion of Fume Hood Exhaust for Laboratories in the Vicinity of a Hill", 85th Annual Meeting of the Air and Waste Management Association, June 21-26, Kansas City, MO, U.S.A..
204. Stathopoulos, T. and Zhou, Y., (1992) "Computation of Wind Pressures on L-Shaped Buildings", Ninth Engineering Mechanics Conference, ASCE, May 24-27, College Station, TX, U.S.A..
205. Stathopoulos, T., Bédard, C. and Wu, H., (1992) "Building-Induced Winds at Pedestrian Level", CIB 92 World Building Congress, May 18-22, Montreal.
206. Stathopoulos, T. and Wu, H., (1992) "Knowledge-Based Strategies for the Assessment of Pedestrian-level Winds", Tenth Structures Congress, ASCE, April 13-15, San Antonio, TX, U.S.A..
207. Stathopoulos, T. and Zhou, Y., (1992) "Numerical Evaluation of Wind Pressures on Flat Roofs", Tenth Structures Congress, ASCE, April 13-15, San Antonio, TX, U.S.A..
208. Stathopoulos, T., (1992) "Wind Load Evaluation for the Design of Tall Buildings", Second National Concrete Engineering Conference, March 30-April 1, Chicago, IL, U.S.A., **Invited Paper**.
209. Baskaran, A. and Stathopoulos, T., (1992) "Application of Computational Wind Engineering for the Prediction of Wind Effects on Building - A Review", Proceedings of the Second Canadian Conference on Computing in Civil Engineering, pp.499-511, Ottawa, Ontario.
210. Stathopoulos, T. and Baskaran, A., (1991) "Computer Simulation of 3-D Turbulent Wind Effects on Buildings", International Conference on Computational Engineering Science, ICES91, August 11-16, Melbourne, Australia.
211. Wu, H., Stathopoulos, T. and Bédard, C., (1991) "Generation of a Knowledge Base for the Evaluation of the Wind Environment around Buildings", 4th International Conference on Computing in Civil and Building Engineering, July 29-31, Tokyo, Japan.
212. Stathopoulos, T. and Saathoff, P., (1991) "Codification of Wind Pressure Coefficients for Sawtooth Roofs", 8th International Conference on Wind Engineering, July 8-12, University of Western Ontario, London, Canada.
213. Stathopoulos, T., Wu, H. and Bédard, C., (1991) "Wind Environment Around Buildings: A Knowledge-Based Approach", 8th International Conference on Wind Engineering, July 8-12, University of Western Ontario, London, Canada.
214. Stathopoulos, T., (1991) "Tutorial Software in Statics", ASEE Annual Conference, June 16-19, New Orleans, L.A., U.S.A..
215. Stathopoulos, T. and Luchian, H.D., (1991) "Design Pressure Coefficients for Buildings with U-Shaped Roofs", 13th Canadian Congress of Applied Mechanics, CANCAM ‘91, June 2-6, Winnipeg, Manitoba.
216. Stathopoulos, T. and Luchian, H.D., (1991) "Wind Loads on Flat Roofs with Discontinuities", CSCE Annual Conference, May 29-31, Vancouver, B.C..
217. Stathopoulos, T. and Baskaran, A., (1991) "Sensitivity Analysis for the Numerical Evaluation of Wind Effects on Buildings", ASCE Engineering Mechanics Specialty Conference, May 19-22, Columbus, Ohio, U.S.A..
218. Stathopoulos, T. and Baskaran, A., (1991) "Computation of 3-D Turbulent Wind Effects on Buildings", Ninth Structures Congress, ASCE, April 29-May 1, Indianapolis, IN, U.S.A..
219. Stathopoulos, T., (1990) "An Expert System Approach for the Assessment of Wind Environmental Conditions Around Buildings", XVIII IAHS World Congress, October 8-12, Rio de Janeiro, Brazil.
220. Baskaran, A. and Stathopoulos, T., (1990) "Numerical Evaluation of Wind Effects on Buildings", ASME Computers in Engineering Conference, August 5-9, Boston, MA, U.S.A..
221. Stathopoulos, T. and Baskaran, A., (1990) "Computer Simulation of Wind Environmental Conditions Around Buildings", CSCE Annual Conference, Hamilton, Ontario, May 15-18.
222. Baskaran, A. and Stathopoulos, T., (1989) "Evaluation of Wind Effects on Buildings Through Microcomputers", International Conference on Engineering Software ICENSOFT-89, IIT Delhi, India, December 4-7.
223. Stathopoulos, T. and Saathoff, P., (1989) "Wind Pressures on Roofs of Various Geometries", 8th Colloquium on Industrial Aerodynamics, Sept. 4-7, Aachen, W. Germany.
224. Stathopoulos, T. and Mohammadian, A.R., (1989) "Alternative Codification Scheme for Wind Pressure Coefficients of Low Buildings", ICOSSAR ‘89, 5th Int. Conf. on Str. Safety and Reliability, August 7-11, San Francisco, CA, U.S.A..
225. Stathopoulos, T. and Zhu, X., (1989) "A Knowledge-Based System for the Evaluation of Wind Environmental Conditions around Buildings", CIB ‘89, XI International Congress, June 19-23, Paris, France.
226. Stathopoulos, T. and Luchian, H.D., (1989) "Wind Pressures on Building Configurations with Stepped Roofs", CSCE Annual Conference, June 8-10, St. John's, Newfoundland.
227. Baskaran, A. and Stathopoulos, T., (1989) "Computer Simulation of Wind Effects on Buildings", Twelfth Canadian Congress of Applied Mechanics, CANCAM ‘89, May 28 - June 2, Ottawa, Ontario.
228. Stathopoulos, T. and Baskaran, A., (1989) "Numerical Modelling of Wind Effects on Buildings", Fourth Intern. Conf. on Comp. Methods and Experim. Measurements, CMEM ‘89, May 23-26, Capri, Italy.
229. Stathopoulos, T., (1989) "Local Wind Pressures on Roofs", Structures Congress, ASCE, May 1-5, San Francisco, CA, U.S.A., **Invited Paper**.
230. Stathopoulos, T. and Luchian, H.D., (1989) "Wind Pressures on Buildings with Multi-Level Flat Roofs", Sixth U.S. National Conference on Wind Engineering, University of Houston, March 8-10, Houston, TX, U.S.A..
231. Stathopoulos, T., Baskaran, A. and Goh, P.A., (1989) "Full Scale Measurements of Wind Pressures on Flat Roof Corners", Sixth U.S. National Conference on Wind Engineering, University of Houston, March 8-10, Houston, TX, U.S.A..
232. Stathopoulos, T. and Mohammadian, A.R., (1988) "Time Series Analysis of Wind Pressures on Low Buildings", ASCE-EMD/GTD/STD Joint Specialty Conference on Probabilistic Methods, VPI and State University, May 25-27, Blacksburg, VA, U.S.A..
233. Baskaran, A. and Stathopoulos, T., (1988) "Computational Techniques for the Evaluation of Wind Effects on Buildings", ASCE-EMD Specialty Conference, VPI and State University, May 23-25, Blacksburg, VA, U.S.A..
234. Stathopoulos, T. and Dumitrescu-Brulotte, M., (1988) "Design Recommendations for Wind Loading on Buildings of Intermediate Height", CSCE Annual Conference, May 23-27, Calgary, Alberta.
235. Stathopoulos, T. and Zhu, X., (1988) "Wind Pressures on Buildings with Various Surface Roughnesses and Appurtenances", 4th International Conference on Tall Buildings, April/May, Hong Kong and Shanghai.
236. Stathopoulos, T., (1987) "Wind Load Features of Canadian and British Standards", Symposium on High Winds and Building Codes, University of Missouri-Columbia, Nov. 2-4, Kansas City, MO, U.S.A., **Invited Paper**.
237. Stathopoulos, T. and Mohammadian, A.R., (1987) "Codification of Wind Loads for Low Buildings with Mono-Sloped Roofs", Symposium on High Winds and Building Codes, University of Missouri-Columbia, November 2-4, Kansas City, MO, U.S.A..
238. Stathopoulos, T. and Luchian, H.D., (1987) "Transient Response of Wind-Induced Internal Pressures in Buildings", 6th Annual Structures Congress, ASCE, August 17-20, Orlando, Florida.
239. Baskaran, A. and Stathopoulos, T., (1987) "Roof Corner Wind Loads and Parapet Configurations", 7th International Conference on Wind Engineering, July 6-10, Aachen, W. Germany.
240. Stathopoulos, T., (1987) "Wind Pressures on Flat Roof Edges and Corners", 7th International Conference on Wind Engineering, July 6-10, Aachen, W. Germany.
241. Stathopoulos, T., (1987) "Working Models for Demonstration of Concepts in Statics", ASEE Annual Conference, June 21-25, Reno, Nevada, U.S.A..
242. Stathopoulos, T., (1987) "Wind Suctions on Flat Roof Edges - How high are they?", 11th Canadian Congress of Applied Mechanics, University of Alberta, May 31-June 4, Edmonton, Alberta.
243. Stathopoulos, T. and Luchian, H.D., (1987) "Measurement of Dynamic Characteristics of Wind-Induced Internal Pressures in Buildings", ASCE-EMD Specialty Conference, May 20-22.
244. Baskaran, A. and Stathopoulos, T., (1987) "Computer Simulation of Wind Flow Around Buildings - An Introduction", CSCE Annual Conference, Montreal, Quebec, May 19-22.
245. Stathopoulos, T. and Baskaran, A., (1987) "Turbulent Wind Loading of Roofs with Parapet Configurations", CSCE Centennial Conference, May 19-22, Montreal, Quebec.
246. Stathopoulos, T. and Fazio, P., (1987) "CBS-A Model for Education and Research in Building Engineering", CSCE Centennial Conference, May 19-22, Montreal, Quebec.
247. Stathopoulos, T. and Dumitrescu-Brulotte, M., (1987) "Wind Load Specifications for Mid-Rise Buildings", ASCE National Convention, April 27-30, Atlantic City, N.J., U.S.A..
248. Stathopoulos, T. and Dumitrescu-Brulotte, M., (1986) "Design Wind Loads for Buildings of Intermediate Height", 10th CIB Congress, September 21-26, Washington, D.C., USA.
249. Baskaran, A. and Stathopoulos, T., (1986) "Wind Loads on Flat Roofs with Parapets", CSCE Annual Conference, May 14-16, Toronto, Ontario, (**Third Prize**).
250. Stathopoulos, T., (1986) "A Review of Methodologies for the Evaluation of Area-Averaged Loads in Wind-Tunnel Testing", ASCE Spring Convention, April 7-11, Seattle, Washington.
251. Stathopoulos, T. and Mohammadian, A.R., (1985) "Code Provisions for Wind Pressures on Low Buildings with Mono-Sloped Roofs", Asia Pacific Symposium on Wind Engineering, December 5-7, Roorkee, India.
252. Stathopoulos, T. and Baskaran, A., (1985) "The Effect of Parapets on Wind Induced Roof Pressure Coefficients", 5th US National Conference on Wind Engineering, Texas Tech. University, Nov. 6-8, Lubbock, TX, USA.
253. Stathopoulos, T. and Mohammadian, A.R., (1985) "Wind Loads on Low Buildings with Mono-Sloped Roofs", 6th Coll. on Ind. Aerodynamics, June 19-21, Aachen, W. Germany.
254. Stathopoulos, T., (1985) "Test Parameters for the Evaluation of Wind Pressures on Buildings", Tenth Canadian Congress of Applied Mechanics, University of Western Ontario, June 2-7, London, Ontario.
255. Davenport, A.G., Stathopoulos, T. and Surry, D., (1985) "Reliability of Wind Loading Specifications for Low Buildings", 4th International Conference on Structural Safety and Reliability (ICOSSAR ‘85), May 27-29, Kobe, Japan.
256. Davenport, A.G., Surry, D. and Stathopoulos, T., (1984) "External Pressures on Low Buildings - The Code and Beyond", 4th Canadian Workshop on Wind Engineering, November 19-20, Toronto, Ontario.
257. Simiu, E. and Stathopoulos, T., (1984) "The State-of-the-Art Report Wind Effects on Structures and Engineering Practice", ASCE Structures Congress III, October 1-3, San Francisco, CA, USA.
258. Stathopoulos, T., (1984) "Data Acquisition Analysis in Wind Tunnel Testing", 5th ASCE-EMD Conference, August 1-3, Laramie, Wyoming, USA.
259. Surry, D. and Stathopoulos, T., (1984) "Wind Tunnel Testing of Low-Rise Buildings", ASCE Specialty Conference Hurricane Alicia: One Year Later, August 16-17, Galveston, TX, USA.
260. Stathopoulos, T., (1983) "Wind Loads on Low Buildings: A Code Model", 9th CIB Congress, August 15-19, Stockholm, Sweden.
261. Stathopoulos, T., (1983) "Turbulent Wind Loads on Low Buildings in Presence of Large Nearby Structures", 9th Canadian Congress of Applied Mechanics, University of Saskatchewan, May 30-June 3, Saskatoon, Sask..
262. Stathopoulos, T., (1983) "A New Wind Tunnel for Building Aerodynamics", ASCE/EMD Specialty Conference, Purdue University, May 23-25, West Lafayette, Indiana.
263. Stathopoulos, T. and Surry, D., (1983) "Scale Effects in Wind Tunnel Testing on Low-Buildings", 6th International Conference on Wind Engineering, March 21-25, Gold Coast, Australia.
264. Stathopoulos, T., (1982) "Design and Fabrication of a Wind Tunnel for Building Aerodynamics", 5th Coll. on Ind. Aerodynamics, June 14-16, Aachen, W. Germany.
265. Stathopoulos, T., (1982) "Techniques and Modeling Criteria for Measuring Area Averaged Pressures", International Workshop on Wind Tunnel Modeling Criteria, National Bureau of Standards, April 14-16, Washington, D.C., **Invited Paper**.
266. Guy, R.W. and Stathopoulos, T., (1982) "Mechanisms of Pressure Difference Across Building Facades", Conference on Building Science, CSCE, March 4-5, London, Ontario, **Invited Paper**.
267. Stathopoulos, T., Surry, D. and Lythe, G., (1981) "Wind Loading Distributions on Horizontal Roofs", Fourth U.S. National Conference on Wind Engineering Research, July 27-29, Seattle, Washington.
268. Stathopoulos, T., (1981) "The Effect of Parapets to Wind Loads of Low-Rise Buildings", Colloquium Designing With the Wind, June 15-19, Nantes, France.
269. Stathopoulos, T., (1981) "Turbulent Wind Action on Roof Overhangs", Eighth Can. Congr. of App. Mech,, June 7-12, Univ. de Moncton, Moncton, N.B..
270. Surry, D., Davenport, A.G. and Stathopoulos, T., (1981) "The Revised Wind Loads for Low-Rise Buildings", Third Canadian Workshop on Wind Engineering, Vancouver, April 12-14 and Toronto, May 7-8.
271. Surry, D., Stathopoulos, T. and Davenport, A.G., (1980) "Simple Techniques for the Direct Measurement of Area Loads Induced by Wind", ASCE Annual Convention and Exposition, October 27-31, Hollywood-by-the-Sea, Florida.
272. Stathopoulos, T., Surry, D. and Davenport, A.G., (1980) "A Simplified Model of Wind Pressure Coefficients for Low-Rise Buildings", Fourth Coll. on Ind. Aerodynamics, June 18-20, Aachen, W. Germany.
273. Stathopoulos, T. and Homma, H., (1980) "Natural Wind Effects on the Infiltration of Low-Rise Buildings", Eighth CIB Congress, June 16-19, Oslo, Norway.
274. Surry, D., Davenport, A.G. and Stathopoulos, T., (1979) "Wind Loads on Low-Rise Buildings", ASCE Fall Convention, October 22-26, Atlanta, Georgia.
275. Stathopoulos, T., Surry, D. and Davenport, A.G., (1979) "Internal Pressure Characteristics of Low-Rise Buildings Due to Wind Action", Fifth Int. Conf. Wind Eng,, July 8-14, Colorado State University, Fort Collins, Colorado.
276. Stathopoulos, T. and Surry, D., (1979) "Probability Distributions for Wind and Pressure for Low Buildings in Simulated Atmospheric Flow", Seventh Congr. of Appl. Mech,, May 27 - June 1, Univ. de Sherbrooke, Sherbrooke, Quebec.
277. Surry, D., Stathopoulos, T. and Davenport, A.G., (1978) "Wind Loading Criteria for Low-Rise Buildings", 2nd Can. Workshop on Wind Engineering, Can. Wind. Eng. Assoc, September 28-29, Varennes, Quebec.
278. Apperley, L., Surry, D., Stathopoulos, T. and Davenport, A.G., (1978) "Comparative Measurements of Wind Pressure on a Model of the Full-Scale Experimental House at Aylesbury", 3rd Coll. on Ind. Aerodynamics, June 14-16, Aachen, W. Germany.
279. Stathopoulos, T., Davenport, A.G. and Surry, D., (1978) "The Assessment of Effective Wind Loads Acting on Flat Roofs", 3rd Coll. on Ind. Aerodynamics, June 14-16, Aachen, W. Germany.
280. Stathopoulos, T., Surry, D. and Davenport, A.G., (1978) "Some General Characteristics of Turbulent Wind Effects on Low-Rise Structures", 3rd Coll. on Ind. Aerodynamics, June 14-16, Aachen, W. Germany.
281. Surry, D., Stathopoulos, T. and Davenport, A.G., (1978) "Wind Loading of Low-Rise Buildings", Can. Str. Eng. Conf,, Can. Steel Industr. Constr. Council, March 13-14, Toronto, Ontario.
282. Surry, D., Stathopoulos, T., Apperley, L. and Davenport, A.G., (1978) "Current Research on Wind Loads on Low-Rise Structures", 3rd U.S. Nat. Conf. on Wind Eng. Res,, Feb. 26 - March 1, U. of Florida, Gainensville, Florida.
283. Surry, D. and Stathopoulos, T., (1977) "A Pneumatic Manifolding Technique for Spatially Averaging Unsteady Pressures", 6th Can. Congr. of Applied Mech,, May 30-June 3, U. of British Columbia, Vancouver, B.C.

**Theses Supervised and Completed**

1. Yu, Jianhan (2022) "Contribution to the Exposure Assessment for the Evaluation of Wind Effects on Buildings", Thesis, Ph.D. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisor: T. Stathopoulos.
2. Dakour, Mohamad (2022) "Multihazard Performance-Based Assessment of Multi-Storey Steel Braced Frame Buildings", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: L. Tirca and T. Stathopoulos.
3. Al-Makhadmeh, Mu’ath (2022) " Comprehensive Study of Non-synoptic Wind Effects on Buildings”,Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisor: T. Stathopoulos.
4. Rounis, E-D. (2021) "A Novel Design Methodology for Air-based Building Integrated Photovoltaic/thermal (BIPV/T) Systems with Coupled Modelling of Wind-driven and Channel flow-driven Convective Phenomena", Thesis, Ph.D. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: T. Stathopoulos and A. Athienitis.
5. Sakib, Faruk Ahmed (2020) "Wind Loads on Canopies Attached to Buildings of Different Heights", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: A. Bhowmick and T. Stathopoulos.
6. Souri, Firouzeh (2019) "Effectiveness of Roof Overhang on Mid-Rise Buildings: Field
Measurements and Improved Assessment Based on ISO Standard", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: H. Ge and T. Stathopoulos.
7. Shao, Shuay (2019) “Comprehensive Study of Wind Effects on L- and T-Shaped Low-Rise Buildings with Hip Roofs”, Thesis Ph.D., Department of Cilil Engineering, Beijing Jiatong University, Supervisors: Y. Tian, Q. Yang and T. Stathopoulos.
8. Aldoum, Murad (2018) "Wind Loads on Low-Slope Roofs of Low-Rise and Mid-Rise Buildings with Large Plan Dimensions", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisor: T. Stathopoulos.
9. Yang, Senwen (2018) "Wind Effects on Air Curtain Aerodynamics Performance", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: L. Wang and T. Stathopoulos.
10. Dilimulati, Aierken (2017) "Augmenting Urban Wind Energy: Shrouded Diffuser Casing for Roof-Mounted Wind Turbines", Thesis, M.A.Sc. (Mechanical), Department of Mechanical, Industrial and Aerospace Engineering, Concordia University, Supervisors: M. Paraschivoiu and T. Stathopoulos.
11. Nguyen, Thai Son (2017) "Wind-Induced Shear and Torsion on Low and Medium-Rise Earthquake Resistant Steel Braced Frame Buildings", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: L. Tirca and T. Stathopoulos.
12. Cheng, Jun (2017) "An Experimental and Computational Study of Natural and Hybrid Ventilation in Buildings", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: L. Wang and T. Stathopoulos.
13. Ioannidis, Zissis (2016) "Double Skin Facades Integrating Photovoltaic Panels, Motorized Shades and Controlled Air Flow", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: A. Athienitis and T. Stathopoulos.
14. Al-Quraan, Ayman (2016) "Contribution to Wind Energy Conversion Systems in Urban and Remote Areas", Thesis, Ph.D. (Electrical and Computer Engineering), Department of Electrical and Computer Engineering, Concordia University, Supervisors: P. Pillay and T. Stathopoulos.
15. Chiu, Vincent (2016) "The Effect of Overhang on Wind-driven Rain Wetting for a Mid-rise Building", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: H. Ge and T. Stathopoulos.
16. Rounis, Efstratios-Dimitrios (2015) "Multiple-inlet Building Integrated Photovoltaics: Modeling and Design including Wind Effects", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: A. Athienitis and T. Stathopoulos.
17. Alrawashdeh, Hatem (2015) "Wind Pressures on Flat Roof Edges and Corners of Large Low Buildings", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisor: T. Stathopoulos.
18. Chavez-Yanez, Mauricio (2014) "A Comprehensive NumeriMultiple-cal Study of the Effects of Adjacent Buildings on Near-Field Pollutant Dispersion", Thesis, Ph.D. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: T. Stathopoulos and A. Bahloul.
19. El Sharawy, Mohamed (2014) "Wind-Induced Torsional Loads on Low- and Medium-Rise Buildings", Thesis, Ph.D. (Civil), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: K. Galal and T. Stathopoulos.
20. Ladas, Dimitrios (2014) "Wind Effects on the Performance of Solar Collectors on Roofs", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisor: T. Stathopoulos.
21. Vasan, Neetha (2013) "Experimental Study of Wind Effects on Unglazed Transpired Collectors", Thesis, M.A. Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisor: T. Stathopoulos.
22. Candelario-Suarez, Hosé Daniel (2013) "Wind-Induced Pressures on Canopies Attached to the Walls of Low-Rise Buildings", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisor: T. Stathopoulos.
23. Xypnitou, Eleni (2012) "Wind Loads on Solar Panel Systems Attached to Building Roofs", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisor: T. Stathopoulos.
24. Hajra, Bodhisatta (2012) "A Comprehensive Experimental Study of the Effects of Adjacent Buildings on Near-Field Pollutant Dispersion", Thesis, Ph.D. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisor: T. Stathopoulos.
25. Zisis, Ioannis (2011) "Wind Load Paths on Wood Buildings", Thesis, Ph.D. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisor: T. Stathopoulos.
26. Du, Lin (2010) "Air Infiltration through Revolving Doors", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: R. Zmeureanu and T. Stathopoulos.
27. Mouriki, Eleni (2009) "Solar-Assisted Hybrid Ventilation in an Institutional Building", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: A. Athienitis and T. Stathopoulos.
28. Bedair, Rania (2009) "Comprehensive Study of Wind Loads on Parapets", Thesis, Ph.D. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisor: T. Stathopoulos.
29. Gupta, Amit (2009) "Physical Modeling of the Downwash Effect of Rooftop Structures on Plume Dispersion" Thesis, Ph.D. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: T. Stathopoulos and P. Saathoff.
30. Karava, Panagiota (2008) "Airflow Prediction in Buildings for Natural Ventilation Design: Wind Tunnel Measurements and Simulation", Thesis, Ph.D. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: T. Stathopoulos and A. Athienitis.
31. Zisis, Ioannis (2007) "Structural Monitoring and Wind Tunnel Studies of a Low Wooden Building", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisor: T. Stathopoulos.
32. Wang, Xiaoguang (2006) "Numerical Simulation of Wind – Induced Dispersion of Emissions from Rooftop Stacks", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: T. Stathopoulos and P. Saathoff.
33. Wang, K. (2006) "Modelling Terrain Effects and Application to the Wind Loading of Low Buildings", Thesis, Ph.D. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisor: T. Stathopoulos.
34. Kalavenkataraman, S. B. (2005) "Wind Loading on Rainscreen Walls: A Wind Tunnel Investigation", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: T. Stathopoulos and S. Kumar.
35. Bitsuamlak, G. T. (2004) "Evaluating the Effect of Topographic Elements on Wind Flow: A Combined Numerical Simulation – Neural Network Approach", Thesis, Ph.D. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: T. Stathopoulos and C. Bédard.
36. Yan, H., (2002) "Reduction of Air Intake Contamination in High-Rise Residential Buildings in an Urban Environment", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisor: T. Stathopoulos.
37. Karava, P., (2002) "An Investigation of the Performance of Trickle Ventilators", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, **Received the Best M.A.Sc. thesis award in 2002-03**, Supervisors: T. Stathopoulos and A. Athienitis.
38. Xuan, W., (1999) "Wind-Induced Dispersion of Building Exhaust in an Urban Environment: A Full-Scale and Wind-Tunnel Study", Thesis, M.A.Sc. (Building), Department of Building, Civil and Environmental Engineering, Concordia University, Supervisors: T. Stathopoulos and P. Saathoff.
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