

Phil Fung, P.Eng., LEED AP, CEM, CSBA, CMVP, CBCP

Mr. Fung is a Professional Engineer and Designated Consulting Engineer (Energy and Sustainability) in Ontario, Canada. He holds a Bachelor of Applied Science in Mechanical Engineering and Master of Science in Systems Engineering.

Mr. Fung also holds several professional designations including LEED Accredited Professional, Certified Sustainable Building Advisor, Certified Sustainable Development Professional, Certified Energy Manager, Certified Measurement and Verification Professional, Certified Energy Auditor, and Certified Building Commissioning Professional. His areas of expertise are energy efficient and sustainable buildings design, biomimetic and biophilic buildings design, energy modelling, and LEED certification management.

Starting his career as an Automation & Robotics Engineer at Digital Equipment Corporation in 1987, he joined SRS Consulting Engineers in 1997, and became its Managing Principal in 2004. In 2012, Mr. Fung accepted the part-time professorship at Humber College teaching Sustainable Buildings Design, Bio-Inspired Buildings design, Energy Modelling, and Project Management courses.

Mr. Fung has advised for more than 200 energy efficient buildings design utilizing energy modelling tools and managed over 1,000,000 m² of LEED projects across Ontario. Mr. Fung provides consulting and engineering services to both public and private sectors; clients included City of Toronto, York Region, City of Stouffville, University of Toronto, Humber College, IBM, Pemberton Group, FRAM Group, Monarch Corporation, Mattamy Homes, Great Lands Corporation, Shane Baghai Developments, Del Ridge Homes, Kylemore Homes, Rockport Group, Molinaro Group, and Toronto Community Housing Corporation.

In the course of his career, Mr. Fung developed a vision in design and develop an affordable, self-sustaining, and regenerating Multi-Unit Residential building. He designed and patented his Vertical Indoor Gardening and Aquaculture (VIGA™) system in early 2014 which was based on biomimetic and biophilic design principles to provide organic food production, air purification, waste water treatment, nature therapy, and interactive education benefits in an indoor setting – Indoor Regenerative Design™.

Mr. Fung brings to the sustainable building design industry many years of experience as a consultant, an engineer, a system designer, an entrepreneur, an educator, and his boundless passion for education and sustainable and energy efficient buildings design.