

Sardar Malek

Dr. Sardar Malek is an Associate Professor of Structural Engineering in the Department of Civil Engineering at the University of Victoria (UVic). Prior to joining UVic, he was a lecturer at the University of Technology Sydney (UTS) and a postdoctoral associate at the Massachusetts Institute of Technology (MIT). Dr. Malek's research focuses on developing efficient computational methodologies for the design and analysis of durable, sustainable composite materials used in structural applications within the building and aerospace industries, with an emphasis on promoting a circular economy in Canada.

With a diverse background and experience across three different institutions, Dr. Malek is deeply committed to enhancing the quality of teaching, research, and industry engagement within the academic environment. He is particularly motivated to better understand the challenges involved in academic governance, especially in areas such as new programs development, research quality, scholarships, and student admissions. His work in mass timber buildings and collaboration with industry—such as advising Google's Infrastructure team on their new green buildings—has further fueled his interest in fostering stronger connections between the university, local industries and government.

Dr. Malek aims to contribute his expertise to academic decision-making processes. He is passionate about ensuring that UVic's policies and initiatives align with the evolving needs of students and our societies. His goal is to help enhance the teaching and training environment, improve student and faculty engagement, and support research excellence and scholarship opportunities while strengthening the university's ties with local communities.