

Dr. Alireza Javadian has received his PhD in Architecture and Construction from ETH Zurich and is currently working as a Project Coordinator and Senior Researcher at Future Cities Laboratory of Singapore-ETH Centre. Alireza has received his Bachelor Degree in Civil Engineering from University of Tehran, Iran in 2007. Alireza was the recipient of prestigious A*STAR Graduate Award to pursue his Master in Engineering at Nanyang Technological University, Singapore. After completing his Master studies at NTU, he joined the National University of Singapore as a researcher and started to conduct studies in the Master Program of Science in Civil Engineering. Prior to his research at ETH Zurich and FCL Singapore, he has received a Master of Business Administration from ARU Oxford, UK. Alireza is currently working on development of alternative construction materials made from renewable resources such as bamboo, timber and waste by-products which can replace conventional, non-renewable and expensive building materials mainly steel, concrete and synthetic polymers.

Most recently he was presented the distinguished award by Singapore government for his work on development of Bamboo Fiber Organic Composite Materials for Construction on the 50th anniversary of Singapore' independence in 2015. Furthermore, he won the SMART Innovation Grant Singapore, the SAWIRIS Grant from ETH Zürich, a Swiss KTI project fund from Swiss National research Foundation, and a ZUMTOBEL GROUP Award together with the research team in Singapore and Zürich.