

New Frontier of Education and Research in Wind Engineering

Present Work: Wind load on Solar Collectors

Solar energy is one of several promising clean energy sources that could contribute to a stable energy supply and mitigate recent global environmental issues. The use of solar panel technology has recently increased in both domestic and industrial applications. Extreme wind events such as hurricanes present additional challenges in the design of the solar panels. It may also become source of wind-borne debris unless properly designed and installed. The current study investigates wind loading on solar panel on the top of low and medium rise building subject to different inclination angles, single and multiple panels, orientation, terrain category and parapet etc.



Name and Stand:
SAHA Proshit Kumar
Ph.D Student

Contact:
saha@arch.t-kougei.ac.jp

Hometown:
Dhaka, Bangladesh

Profile:
I earned Masters in Industrial and production Engineering at Bangladesh University of Engineering and Technology, Dhaka in 1997.

Work:
University of Texas at Austin, Texas, USA, University of Tokyo, Japan, Bangladesh Atomic Energy Commission, and presently Tokyo Polytechnic University (Wind Engineering Research Center) as a Ph.D Student.