

Download Sustainable Facades Design Methods For High Performance Building Envelopes

The designing of sustainable building that meets all sustainable requirements is often a challenge to the building professionals and building designers (WBDG, 2011a). In order to incorporate sustainable development concept into building envelope design, it is important that all stakeholders be involved in the sustainable building envelope design. Sustainable architecture is architecture that seeks to minimize the negative environmental impact of buildings by efficiency and moderation in the use of materials, energy, and development space and the ecosystem at large. Sustainable architecture uses a conscious approach to energy and ecological conservation in the design of the built environment. Facades+AM Program. The rapidly developing technology of high-performance facades has emerged as the key to building integration, and central to the realization of resilient buildings and a sustainable built environment. Dr Benny Chow is an award winning sustainable design expert with worldwide project experience and the USGBC LEED International Roundtable Representative, LEED AP BD+C (USGBC), China Green Building Council Expert Panel Member (Building Physics), appointed as the Member of the Board of Directors, Chairman of the Industry Standards Committee, and GB Faculty of the Hong Kong Green Building Council ...