

Download Sustainable Facades Design Methods For High Performance Building Envelopes

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. 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. A climate-based building facade is a filter, between exterior and interior that creates comfortable internal living conditions. Climate-based component facade design strategies include: Juergen Riehm. Juergen Riehm, FAIA, BDA, is a co-founding principal of 1100 Architect, a New York- and Frankfurt-based architecture firm. Since launching the company in 1983, he has completed many award-winning buildings across different markets and at various scales, including the Queens Central Library: Children's Library Discovery Center, Riverside Health Center, multiple projects with ...