



Ed Barsley, Founder at 'The Environmental Design Studio' (www.t-e-d-s.com)

Ed Barsley is Founder of 'The Environmental Design Studio' (TEDS). He is a specialist in environmental design in architecture, with a particular interest in developing strategies to improve the resilience of communities and the built environment. His practice TEDS is an award-winning social venture whose aim is to reduce the exposure and vulnerability of communities and environments to natural/human induced hazards. They previously won the Sunday Times Resilient Home competition with their design of the 'Home for All Seasons' and in January 2020, Ed's book 'Retrofitting for Flood Resilience: A Guide to Building & Community Design' was published by the RIBA. During his career Ed has lived and worked in China, Denmark, India, Sri Lanka and the UK. He has experience at a variety of scales, from strategic masterplanning right down to 1:1 building construction. He has also been working on a PhD at the University of Cambridge on flood-resilient architecture and the communication of risk and launched the 'Hazard + Hope' series. Ed speaks regularly at flood conferences worldwide and is running the RIBA's core CPD lecture series on flooding, with the seminar 'The Fundamentals of Flood Resilient Design'.

His presentation 'A Flood Resilient Future?', discusses the challenges we face in adapting the built environment to be more flood resilient and highlights some of the key principles of flood resilient design at the catchment, community, street and building scale. We also hear about the speakers work in this field, in particular the EPSRC 'Retrofitting Resilience' study and his RIBA book 'Retrofitting for Flood Resilience: A Guide to Building & Community Design'. The talk concludes with insight as to the 'next steps' and opportunities for innovation in this field.