

The below answer sheet is for your own self-assessment. Please keep your completed questionnaires and answers on file for your record. Sustainability Summit will send you a Refuel certificate once your questionnaire has been submitted.

LEARN, DESIGN AND ADAPT: LESSONS ON DESIGNING A DISASTER - RESILIENT BUILDING

1. What are the main disasters that architects have to take into consideration when design buildings?
The hazards include fires, tropical storms, major wind storms, drought and floods.
2. What kinds of design would be the most disaster-resilient?
A design that lowers wind, fire and flood risks
3. How does disaster-resilient design relate to sustainability?
Sustainability and resilient design can go hand in hand. When the operating conditions are analyzed, design engineers can specify measures that improve both aspects. For example, a building can use renewable energy to reduce emissions, while becoming less dependent on the local power grid, thereby making it safer during a disaster event.
4. In the recent NSW & QLD floods, what did designers learn?
In order to be able to adapt to storms and floods in NSW & QLD, we need to understand them and the risks they present to our communities both now and into the future.