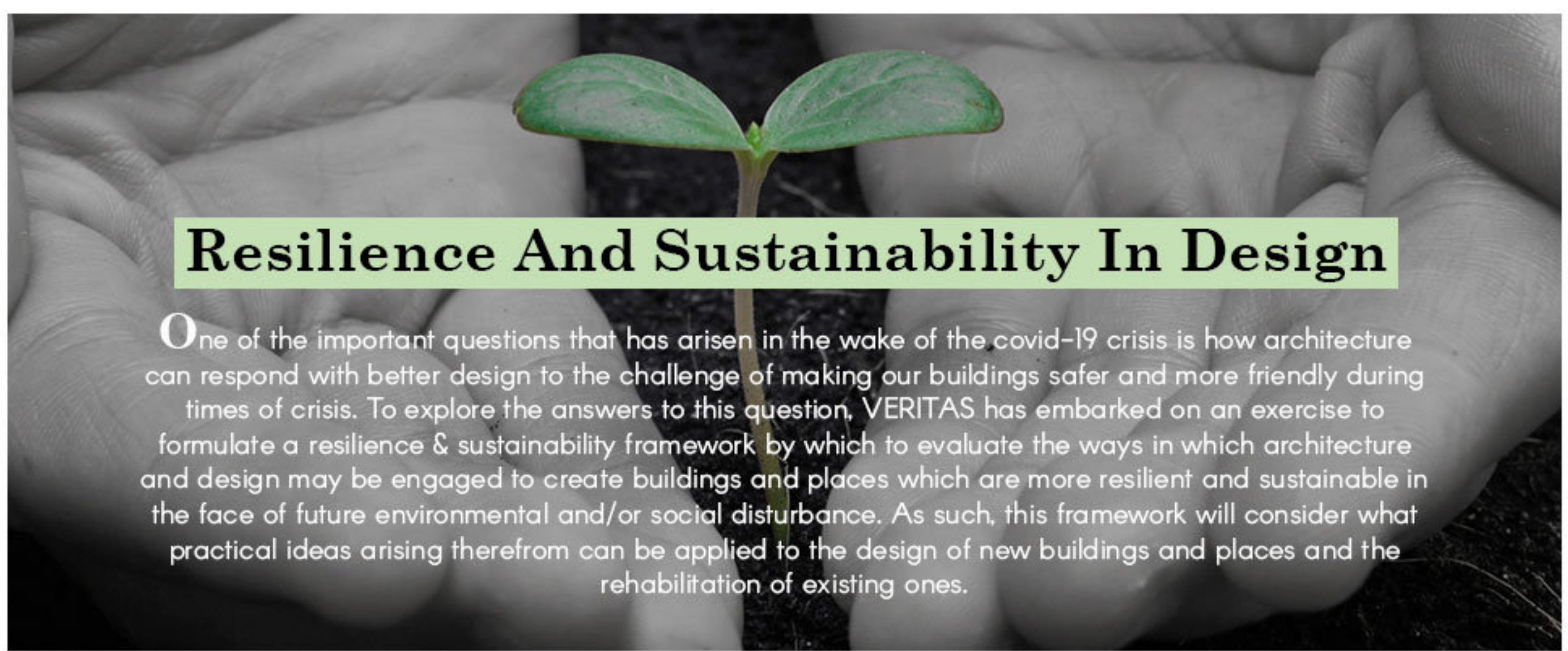




Selamat Hari Raya Aidilfitri Everyone! Maaf, Zahir & Batin.

In this month's e-news, we are pleased to feature the newly created VERITAS Resilience & Sustainability Framework, which is a structured formulation of guidelines to ensure that buildings and environments can endure crisis and emergency situations like the Covid-19 Pandemic. This e-News will also cover many other interesting happenings in VERITAS.

We hope you enjoy this month's VERITAS e-news! And please don't hesitate to contact us if you would like to know more about any of the stories featured here.



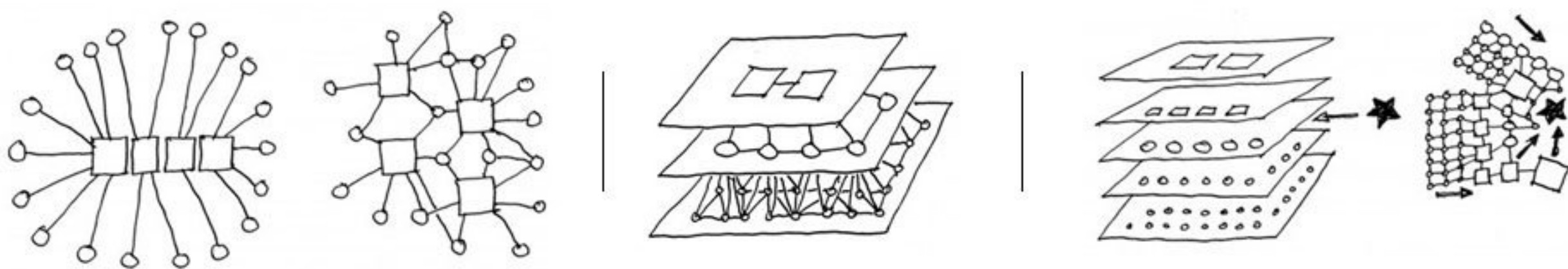
Resilience And Sustainability In Design

One of the important questions that has arisen in the wake of the covid-19 crisis is how architecture can respond with better design to the challenge of making our buildings safer and more friendly during times of crisis. To explore the answers to this question, VERITAS has embarked on an exercise to formulate a resilience & sustainability framework by which to evaluate the ways in which architecture and design may be engaged to create buildings and places which are more resilient and sustainable in the face of future environmental and/or social disturbance. As such, this framework will consider what practical ideas arising therefrom can be applied to the design of new buildings and places and the rehabilitation of existing ones.

One of the future/impending crises is of course climate change, which might be the ultimate crisis we will soon face as a species. In fact, there is some conjecture that the Covid-19 crisis is a timely testing ground for our ability to respond to this much larger looming challenge to humanity.



In terms of definitions, "resilience" is the capacity to recover quickly from difficulties, while "sustainability" is the ability to maintain a steady condition over an indefinite period of time. The two concepts are intertwined. Resilience is therefore about quickly and consistently being capable to overcome crisis/disturbances whereas sustainability is about establishing and maintaining the systems required to assure long-term resilience.



On left, an over-concentration of large-scale components; on right, a more resilient distributed network of nodes.

Distribution of inter-connected elements across several scales.

A complex resilient system coordinates its multi-scale response to a disturbance on any single scale.

Resilient Systems