



## **Special Session #1**

### **A Retrospective “Lessons Learned” Study of Worldwide Underground Facilities**

**Convener: Raymond STERLING**

The idea that many cities and regions of the world are poised to greatly increase their use of underground space and that there are a variety of modern underground facilities around the world that now have several decades of operating experience led to a study conducted by the Surbana Jurong Group over an approximately 18-month period in 2019 and 2020. The study gathered information from 42 underground facilities from 15 different countries worldwide that had an average lifetime of service of approximately 37 years. The study has allowed the collection of the lessons learned from a wide variety of underground facilities and particular emphasis was placed in the study on whether the decision to build underground was still considered the right one, how the architectural design influenced the human acceptance of the underground spaces created and whether the technical aspects of the facility had performed as expected.

#### **Session Convener**

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If you are interested in the special session, please contact the Session Convener: Prof. Sterling by email.