

SEAMEO-Singapore Students Challenge (SSSC 2023)

Theme “Sustainable and Resilient Communities”

25 – 27 April, 2 – 3 May 2023 (Virtual Workshops)

Synopsis



Dr Toh Tai Chong

Senior Lecturer
National University of Singapore (NUS)
Singapore

Topic: Singapore’s Coastal Protection and Effects from Climate Change

In this session, we will learn through news articles, videos and hands-on activities to deduce the impacts of sea level rise on Singapore and Asia.

Beyond biology, we will examine topics related to culture, economics and geography to examine the broader extent of the problem. What then, are the solutions and what are the tradeoffs? Let’s navigate through these issues together through this interactive seminar.

The aims are to:

- Learn about what is sea level rise
- Understand why this is important for SG
- Appreciate the extent of the impacts
- Critically examine the tradeoffs of the proposed solutions.

Resources to be read/viewed before the session:

- Video on climate Change
https://www.youtube.com/watch?v=G4H1N_yXBIA
- Article on sea level rise in SG
<https://www.straitstimes.com/singapore/national-day-rally-2019-100-billion-needed-to-protect-singapore-against-rising-sea-levels>
- Video on Kiribati
<https://www.youtube.com/watch?v=TZ0j6kr4ZJ0&t=988s>
- Article on Bangladesh
<https://www.theguardian.com/global-development/2017/jan/20/climate-change-frontline-disappearing-fishing-villages-bangladesh>