

SEMINAR

Fri, 21 Jan 2022 | 10 am | Hybrid Event

Hosted by Prof Peter Ng



Coral reef biodiversity patterns & processes: where are we?

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Venue: DBS Conference Room 1
BLK S3 Level 5

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Meeting ID: 865 1750 3152
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(The Conference Room 1 can accommodate 24 seats only)

Coral reefs are known as the ‘rainforests of the sea’ for their high biodiversity, even though precise estimates of reef species richness remain elusive. Theories abound on the origins and evolution of reef diversity, but few have been tested with robust data. Using molecular, ecological and biogeographic data in conjunction with modern analytical approaches, the Reef Ecology Lab at NUS has uncovered biodiversity patterns and processes at various spatial and temporal scales across a wide range of taxa. We now better understand how biogeography and ecological traits influence evolutionary patterns, which in turn have important consequences for ecological interactions on contemporary reefs. We further demonstrate how next-generation field and molecular tools are revealing hidden diversity on coral reefs and establishing new frontiers in biodiversity research.

Virtual Seminar Etiquette:

- ✓ Please “mute” upon arrival into the meeting room.
- ✓ Questions can be asked after the presentation. You are encouraged to verbally ask questions or submit your questions via chat group.
- ✓ By being present at this meeting, **information presented is a privilege** and you agree that you would **NOT UNDERTAKE** any forms of recording/photo-taking.