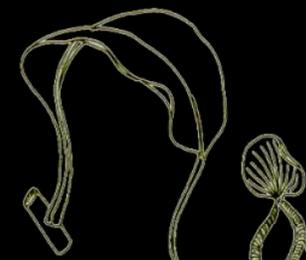


Ecology & Biodiversity





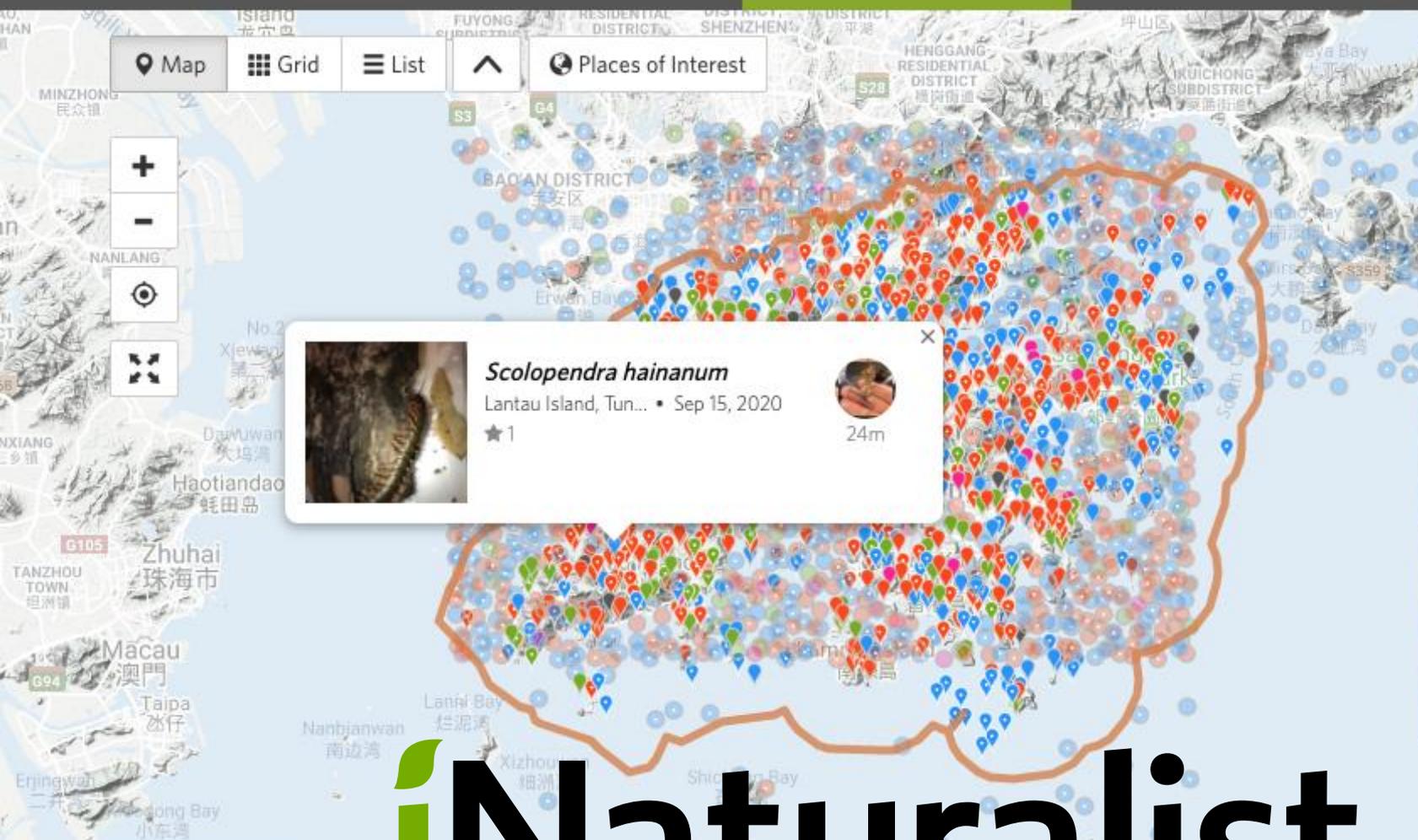
Hong Kong

395,409
OBSERVATIONS

10,528
SPECIES

4,689
IDENTIFIERS

9,429
OBSERVERS



Polyrhachis illaudata
香港大嶼山 • Sep 13, 2020



6m



Cyrtotrachelus thompsoni
香港大嶼山 • Sep 13, 2020



21m



Scolopendra hainanum
Lantau Island, Tun... • Sep 15, 2020
★1



24m



Formosan Swift
(*Borbo cinnara*)
香港塘福 • Sep 13, 2020



26m



Subgenus Ceratinidia





Regional challenges and opportunities



- Population growth and development
- Urbanization and climate change
- Hyperdiverse tropical ecosystems
- Recent advances in tools
- Increases in available data (e.g. genomics, microbiomes, stable isotope analysis, remote sensing, citizen science)

Ecology & Biodiversity



Research impact

The New York Times

SCIENCE | Hong Kong, Crossroads of the Criminal Wildlife Trade

Where are the world's ants? First ever map detailing 15,000 species launched

The Guardian International edition

Hong Kong Wants a 3rd Runway. Will Its Dolphins Pay the Price? The New York Times

South China Morning Post

Hong Kong's coral in crisis as climate change and pollution take their toll

Rare Hong Kong species at risk, warns co-author of new report showing huge impact of climate change on nature

Hong Kong could be home to 'thousands of species' unrecorded in city, says biodiversity expert

Small city, big sea: Hong Kong marine life diversity prompts renewed scientific interest and calls for protection

Illegal eel: who is pilfering Europe's catch?

The Guardian International edition

BBC

How to save the world's most trafficked mammal

NATURE | NEWS Yangtze finless porpoises in peril

Wild Boars Have Hong Kong Residents Squealing THE WALL STREET JOURNAL

Ecology & Biodiversity





Facilities

Stable Isotope Mass Spectrometry Laboratory (SIRMS)

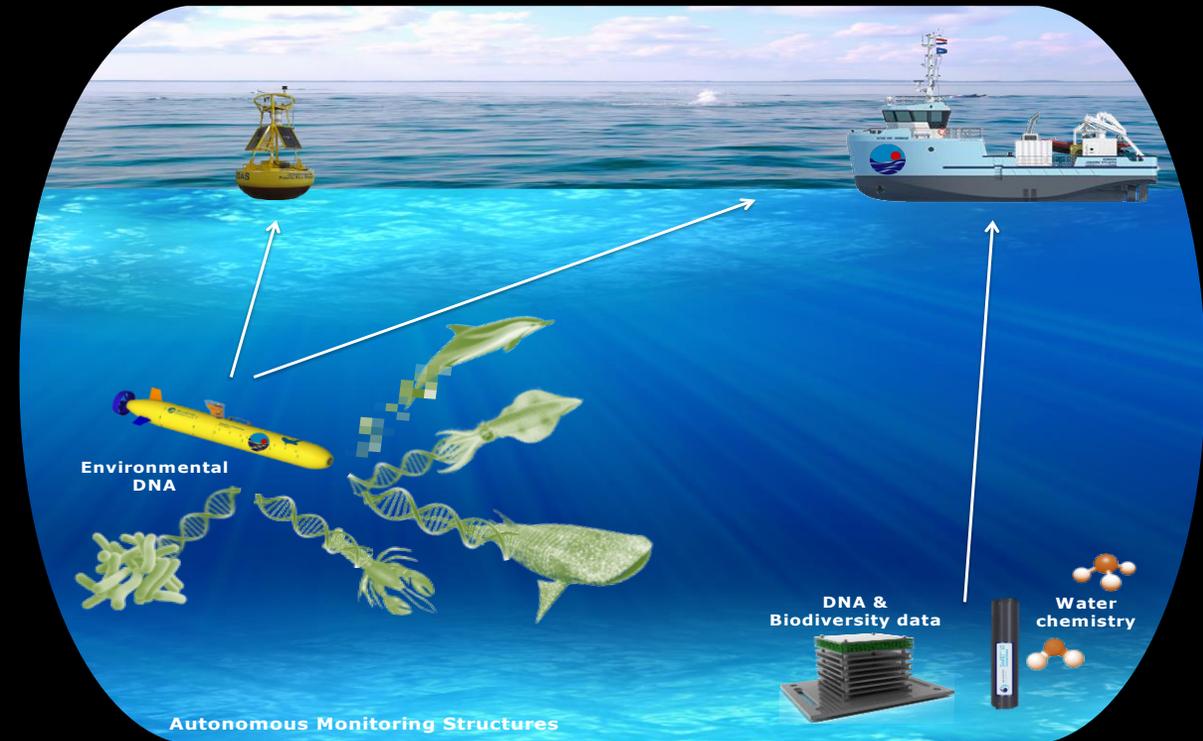
Isocamp - Asia





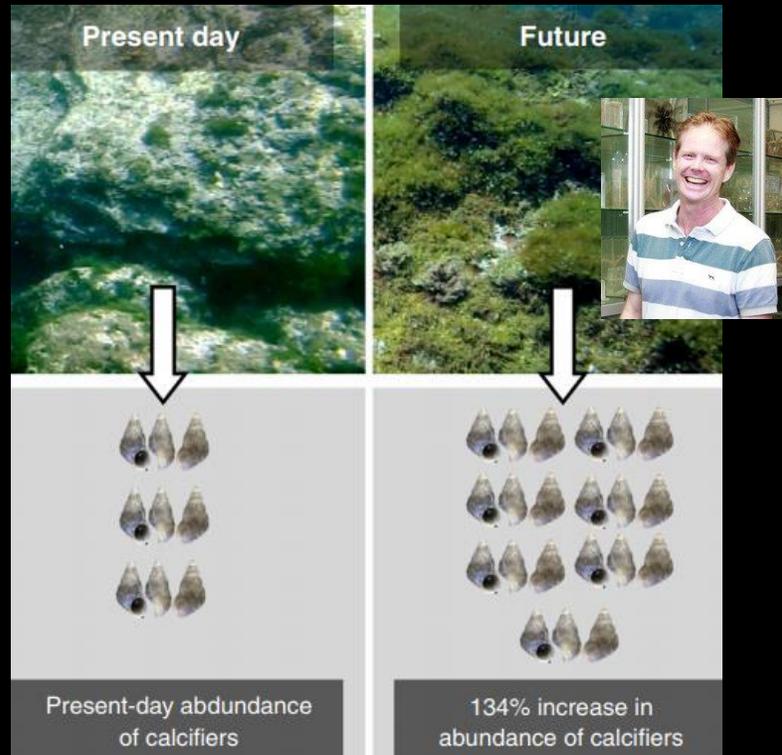
Facilities

The Swire Institute of Marine Science (SWIMS)

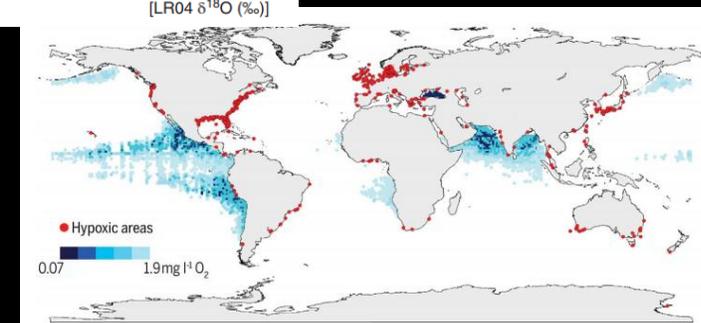
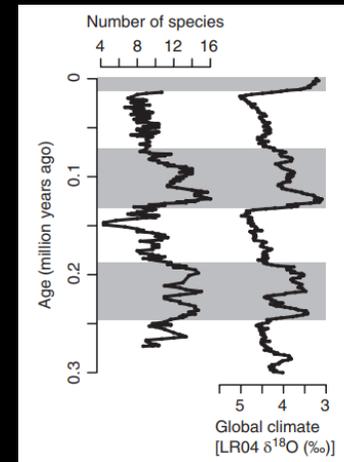




Research strengths: I. Marine science



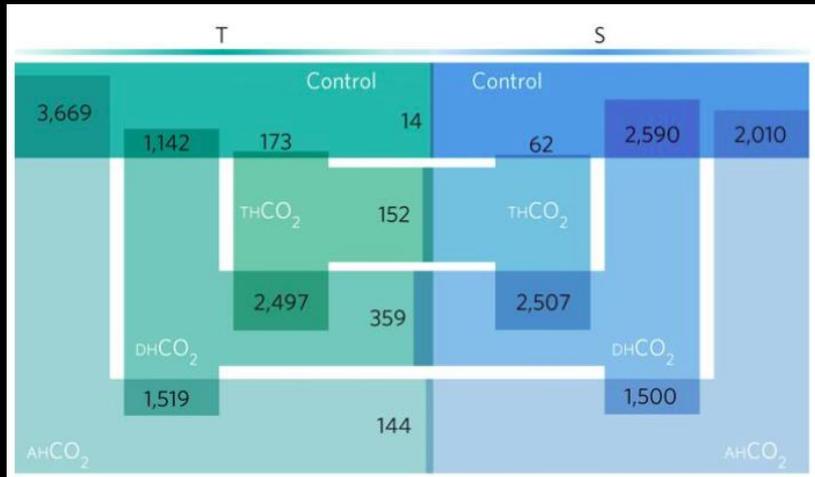
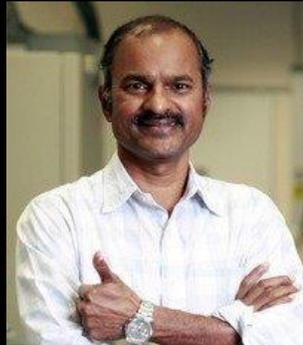
Connell et al, Russell, *Current Biology*, 2017
 Nagelkerken, Russell et al, *Nature Climate Change*, 2015



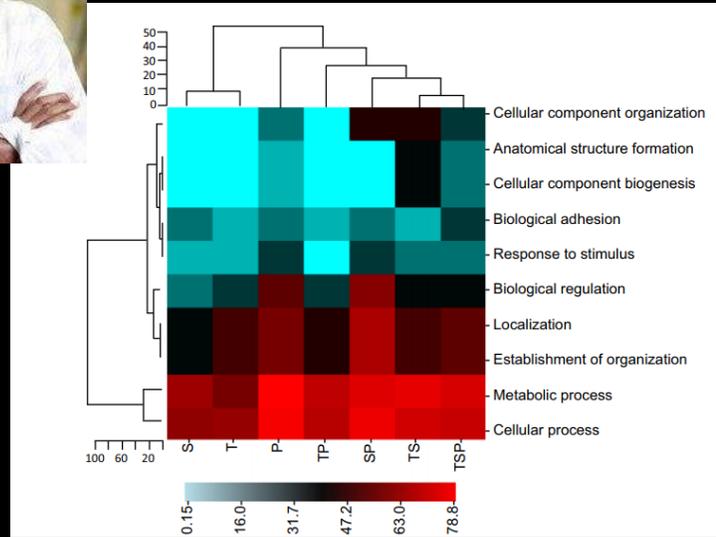
Yasuhara et al, *Biological Reviews*, 2017
 Breitburg et al, *Science*, 2018



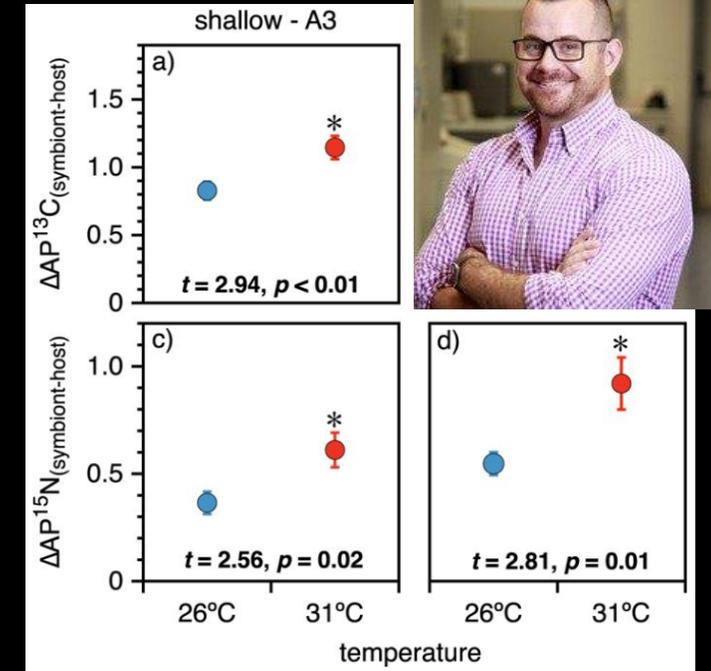
Research strengths: II. Evolutionary and environmental biology



Schunter et al, Nature Eco & Evo, 2018



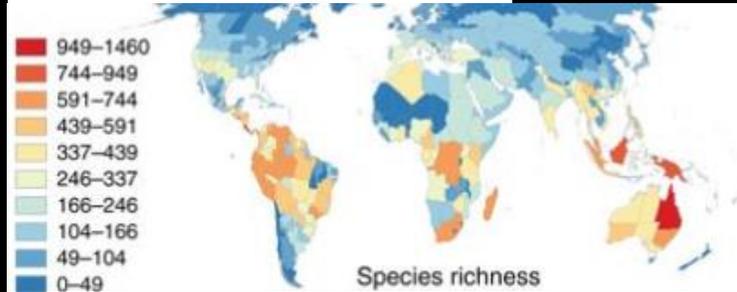
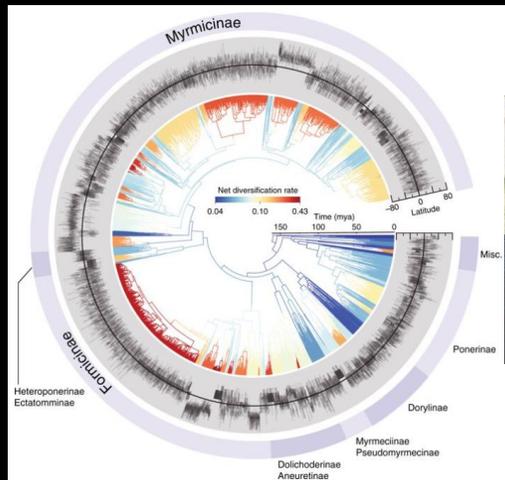
Dineshram et al, Thiyagarajan, Global Change Biology, 2016



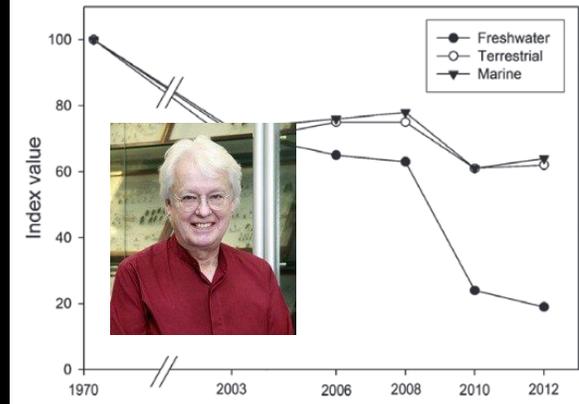
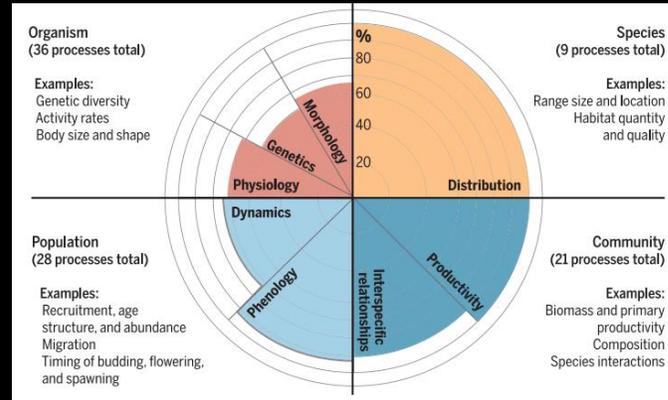
Baker et al, ISME J, 2018



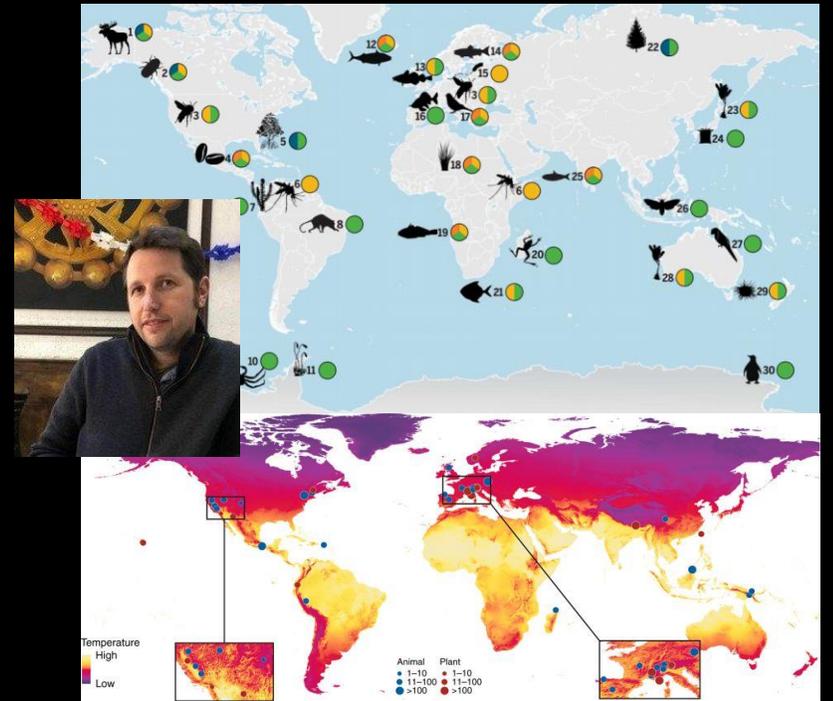
Research strengths: III. Global change and conservation



Economo et al, Geunard, N Comms, 2018
 Barlow et al, Nature, 2018



Scheffers et al, Science, 2016
 Reid et al, Biol Reviews, 2018



Pecl et al, Science, 2017
 Guo, Lenoir & Bonebrake, N Comms, 2018



Research strengths: III. Global change and conservation



Wu et al, Science, 2016



Ashton et al, Science, 2019

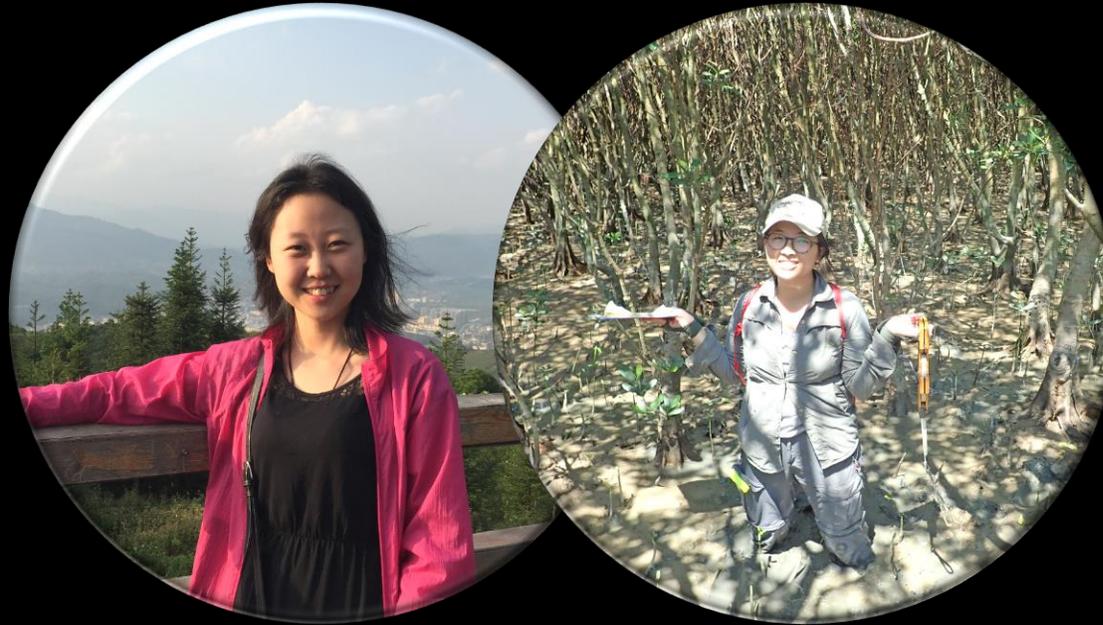




Post-graduate experience

“The things I like most are its diversity in culture, the freedom the city gives you, the international atmosphere you can experience.”

– Ying CHEN, Ph.D. candidate
China



“There are many reasons why I chose to move to Hong Kong. For one, the universities in Hong Kong offer well funded scholarships for students. There is also guaranteed funding to attend conferences during your studies, so you can travel internationally to network and present your work. Hong Kong is such an international city, you will definitely meet interesting and like-minded people”

– Ying LUO, M.Phil candidate
Australia



Cornerstone for environmental research and innovation



2020 QS Rankings

HKU = 22nd

14th – Best student cities

Biological Sciences = top 100

Earth & Marine Science = 50

Internationally recognized for regional and global studies on ecology and biodiversity... division growing towards developing science and research with the highest impact.