

# SEMINAR

Tues, 30 July 2019 | 2pm | DBS Conference Room 1

Hosted by Prof Peter Ng Kee Lin

## Climate change, zombie bunnies and natural remedies



*Lian Pin brings ~15 years of experience in the field of applied ecology and conservation. He has worked in research institutions across Singapore, the United States, Switzerland and Australia. His research focuses on developing the Science and Science-based decision support tools to help reconcile society's growing consumptive needs with environmental protection. Lian Pin has published over 125 peer-reviewed papers in journals, including Nature, Science and PNAS. His work has received over 14,000 citations. Lian Pin is also a World Economic Forum Young Global Leader, TEDGlobal speaker and Founder of ConservationDrones.org. Lian Pin recently joined the US-based non-profit, Conservation International, as Vice President and Principal for Science Partnerships and Innovation. He leads the development of strategic partnerships with academia, industry, other conservation organizations, and government agencies.*

### By Koh Lian Pin

Vice President, Conservation International &  
Adjunct Professor, University of Adelaide

During the 2018 Climate Summit in Poland, the World Bank announced its investment of US\$200 billion in support for countries to take ambitious climate action. This followed predictions by the IPCC of the dire consequences of global warming over the next few decades for both natural and human systems, including its likely impacts on human health, economic growth, ecosystem services and biodiversity.

There is growing evidence that “nature-based climate solutions” – tackling the challenge of climate change by protecting and managing natural ecosystems – may provide over one-third of the climate mitigation needed through 2030 to stabilize global warming. These solutions include the conservation, restoration and improved management of forests, wetlands, grasslands and agricultural lands to increase carbon sequestration, reduce CO<sub>2</sub> emissions, and enhance climate resilience.

In this seminar, I will provide an overview of my lab's research on our overarching goal of supporting evidence-based policy decisions for environmental protection. I will also discuss the importance of nature-based climate solutions as a salient research and policy agenda for Singapore and the Asia-Pacific region.