



ASE Newsletter October 2020

Awards, Recognition, and Grants



Natasha Bhatia, promoted to Senior Lecturer

- Congratulations to Natasha Bhatia, who has been promoted to [Senior Lecturer](#)! Well deserved!
- ASE undergraduate student Alexis Goh is the 2020 Regional Winner for Asia in the prestigious [Global Undergraduate Awards](#). She competed in the category Earth and Environmental Sciences with a CNYang project on Singapore wildlife. Congratulations!
- Former EOS director Kerry Sieh has been honoured by NTU with an [Emeritus Professorship which will be based in our school](#).

Two projects involving ASE faculty have won the NTU Collaborative Research Awards:

- Patrick Martin (PI) and Han Sen Soo (co-PI, SPMS): Green electrocatalysis for environmental nitrate measurements
- Marek Mutwil (PI, SBS) and Adriana Lopes dos Santos (co-PI): Uncovering the temporal gene expression dynamics of phytoplankton with single-cell RNA sequencing



Alexis Goh – GUA winner

Graduate Students

On 3 September Rino Salman successfully defended his PhD thesis titled *Integrating Geodetic Images and Physics-Based Modeling towards Understanding Earthquake Ruptures in Indonesia*.

Big congratulations to Dr Salman! Well done!



Dr Rino Salman

Selection of recent publications and outreach from ASE

- Deepa Mele Veedu, *Geophysical Research Letters*: [Bifurcations at the Stability Transition of Earthquake Faulting](#)
- Janelle Thompson, *Water Research*: [Making waves: Wastewater surveillance of SARS-CoV-2 for population-based health management](#)
- Janice Lee, *Conservation Science and Practice*: [Strategic advertising of online news articles as an intervention to influence wildlife product consumers](#)



Deepa Mele Veedu



Kenny Png



Weiran, (Alex) Li

- Kenny Png, David Wardle, *Nature Communications*: [The influence of soil age on ecosystem structure and function across biomes](#)
- Weiran Li, *Earth and Planetary Science Letters*: [Multicomponent diffusion of F, Cl and OH in apatite with application to magma ascent rates](#)
- Shailendra Mishra, *Business Times*: [Investing in a greener world. Financing the conservation of peatlands in Southeast Asia offers the opportunity to preserve natural capital](#)
- Launch of the documentary series [Climate Impact Asia by EOS](#)

(Is your publication not listed? Perhaps you forgot to let Anna know?)

Inclusiveness



At last, a reminder that ASE strives to be an inclusive workplace and has ‘dedicated safe spaces’ for anyone who needs someone to talk to. We recognize that underrepresented minorities in STEM fields, such as LGBTQ+ face unique challenges, commonly exacerbated by a broader lack of awareness. **Natasha Bhatia**, **Emma Hill**, and **Aron Meltzner** are prepared to discuss any matters brought to them in a confidential and understanding manner, and they have broader contacts in the NTU and LGBTQ+ communities to reach out to when needed.