



## 500 Participants and Counting

The International SeaKeepers Society, Asia Educational Outreach programme, has reached a key milestone hitting the 500-student participant mark since its commencement in 2016.

On the 31st July 2018, Dr Martin Gutowski, Sales Director at Kongsberg Maritime Singapore, delivered a presentation about the application of radar and sonar technology used in research and conservation of our marine environment. Students from the Changkat Changi Secondary School were given the opportunity to meet an industry expert and to learn how nature has inspired developments of systems that are used to make the underwater world visible. There was also time for lighter moments as the Students were challenged to a quiz with prizes given out.

During the Talk, the Students were engaged and interested to find out how Underwater sound is used by marine mammals for communication and sourcing food as it is by human technology to survey the seafloor. Whilst Sonar systems not only produce maps that are used as nautical charts for navigation as well as for studies of the environment and is also used in major and valuable applications such as when searching for missing aircraft and sunken treasures in the deep.

The session certainly resonated well with the Students and it was motivating to continue our cause when observed that it was common knowledge that Mount Everest is the highest point on earth but less awareness of the Mariana trench as the deepest point in the oceans and surprise on discovering that Mauna Kea in Hawaii is the tallest mountain when measured from its base in the deep sea to its peak.

Special Thanks to our Programme Partners:

Changkat Changi Secondary School  
[changkatchangisec.moe.edu.sg/](http://changkatchangisec.moe.edu.sg/)

Kongsberg Maritime Pte. Ltd  
[www.km.kongsberg.com](http://www.km.kongsberg.com)

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