

S/N	Name	Organization	E mail	Theme	Areas of research
1	Ali Miserez	NTU	ali.miserez@ntu.edu.sg	MEB, MTP	1) Eco-friendly Slippery Coatings for Marine biofouling, 2) Biomineralization of ultra-damage resistant biotools, 3) Eco-friendly biopolymers inspired by cephalopod's hard tissues
2	Benjamin Horton	NTU	bphorton@ntu.edu.sg	MEB, EIM	Development a Southeast Asia dataset of high-precision relative sea level data
3	Enrico Marsili	NTU	emarsili@ntu.edu.sg	MTP	Effect of biofilms microstructure on microbially influenced corrosion (MIC) of micro-patterned Nickel surfaces
4	Janice Lee Ser Huay	NTU	janicelee@ntu.edu.sg	EIM	1. To quantify the extent of global trade in reef fishes known to carry ciguatoxins and trace the geographic localities of the harvesting and consumption of these reef fishes 2. To explore the trends between coral bleaching events and Ciguatera food poisoning outbreaks at the level of local consumption and international consumption via the seafood trade
5	Patrick Martin	NTU	pmartin@ntu.edu.sg	EIM	<ul style="list-style-type: none"> Using stable carbon isotopes of DOC and dissolved inorganic carbon (DIC) to trace the movement and processing of tDOC in South-East Asia, and analyse the impact of tDOC degradation on the seawater carbonate system; Determining the biogeochemical alteration of tDOC using fluorescence and absorbance spectroscopy, and using these tools as tracers of tDOC in South-East Asia; Determining what factors control the rates of biogeochemical processing of tDOC within estuaries, especially how salinity and pH influence extracellular enzyme activities, and whether there is a "priming" effect from freshly produced organic matter
6	Xu Yan	NTU	xuyan@ntu.edu.sg	MTP	Intelligent fault diagnosis for ship power systems
7	Zhang Qichun	NTU	gczhang@ntu.edu.sg	CEE	1. Organic dye-sensitized bacteria for highly-efficient photocatalysis and water remediation 2. Novel Metal-organic Framework for purifying and recycling heavy oils from engine
8	Ng Bing Feng & Henrik Hesse	NTU	bingfeng@ntu.edu.sg	MTP, EIM	Investigation of Novel Marine Harvesting Technologies
9	Stefan Wuertz & Maria Yung	NTU	SWuert@ntu.edu.sg	MEB, EIM	Investigating fluid and particle dynamics in a nearshore coastal water setting to understand on a mechanistic level the exchange between the solids in sediments and the water column with emphasis on microbial flocs or similar biological structures.
10	Scott Rice	NTU	rscott@ntu.edu.sg	CEE	defining the physico-chemical and ecological drivers that enable communities to form biofilms on natural and engineered surfaces
11	Shirley Lim	NTU - NIE	shirley_lim@nie.edu.sg	MEB, EIM	Characterization of Singapore mangrove stands and associated crab communities with a view of coastal restoration
12	Tan Lik Tong	NTU - NIE	liktong.tan@nie.edu.sg	MTP	Isolation and Structural Determination of Bioactive Natural Products from Marine Microbes
13	Christina Chai	NUS	phacllc@nus.edu.sg	MTP	1. Novel marine-inspired biomedicines 2. Novel anti-microbial agents for environmental applications
14	Dan Friess	NUS	dan.friess@nus.edu.sg	MEB	Mangrove Ecosystem Services on Urban Islands
15	Huang Danwei	NUS	huangdanwei@nus.edu.sg	MEB	Impacts of changing sea levels on coral reefs in the South China Sea
16	Karina Gin	NUS	ceeginyh@nus.edu.sg	EIM	Pathogens and the spread of antimicrobial resistance in the marine environment
17	Li Yunyue Elita	NUS	ceelivy@nus.edu.sg	EIM, MTP	Monitoring the stability of seabed and shallow subsurface by passively listening to ocean waves and ambient noise using the distributed fiber optical sensors
18	Low Ying Min	NUS	ceelowym@nus.edu.sg	MTP	Study on wave impact forces below the deck of multi-column floating structures
19	Mandar Chitre	NUS	mandar@nus.edu.sg	MTP	Rapid environment assessment
20	Neal Chung Tai Shung	NUS	chencts@nus.edu.sg	MEB, MTP	to develop high performance membranes with a high flow rate, rejection, and excellent robustness for ballast water treatment
21	Peter Todd	NUS	dbspat@nus.edu.sg	CEE	Ecologically engineering Singapore's seawalls to enhance biodiversity
22	Philipp Liu	NUS	dprlfp@nus.edu.sg	CEE	Modeling the effects of vegetation on coastal environment
23	Praveen Linga	NUS	Praveen.Linga@nus.edu.sg	MTP	Development of marine technology for the production of natural gas from hydrate deposits
24	Roman Carrasco	NUS	dbstctr@nus.edu.sg	EIM	Monitoring progress towards meeting the Sustainable Development Goals in the Tropics
25	Serena Teo	NUS	tmsteolm@nus.edu.sg	MEB, MTP, EIM	1) Tropical marine fouling communities on (non-biocide) antifouling materials 2) Biodegradation of antifouling biocides/polymers in the tropical marine environment 3) Tropical marine microalgal slimes
26	Stefan Adams	NUS	mseasn@nus.edu.sg	MTP	to develop a prototype of a battery system for "measurement while drilling" (MWD) in industry-standard 18650 cell format with further enhanced cycle life by advanced interface engineering.
27	Wang Xiaonan	NUS	chewxia@nus.edu.sg	EIM, MTP	simultaneous design and operational optimization of offshore renewable energy (ORE) systems
28	Yang Wenming	NUS	mpeywm@nus.edu.sg	MTP	1) extensive assessment of fuel consumption and pollutant gas emissions during a container ship operating scenarios 2) development of advanced platform to promote the application of an innovative reactivity controlled compression ignition (RCCI) technology in marine engine
29	Pablo Valdivia	SUTD	pablov@sutd.edu.sg	MTP	Development of Soft robotic platforms for monitoring, sampling, and characterizing the spatiotemporal evolution of ecosystems, biodiversity, and pollution activity in marine coastal zones
30	Wu Ping	SUTD	wuping@sutd.edu.sg	MTP	Bio-inspired design of coating structures and development of chemomechanical database for self-cleaning and antifouling applications in marine science
31	Henning Seedorf	TLL	henning@tll.org.sg	MEB	Microbiology, microbial ecology and bioinformatics
32	Ji Lianghui	TLL	jljh@tll.org.sg	MTP, MEB	Interaction of fish gut microbiota on the fate of polyunsaturated fatty acids, carotenoids and chlorophyll for the development of fish feed to improve fish health, productivity and aroma quality