

Project Granted Seed Money from Sustainable Earth Peak

Year: 2012

No	Project Title	Project Investigator
0	Secure Cyberspace Platform for Virtual Sustainable Campus with Real-time Continuum (Phase One)	Ng Wee Keong (Assoc Prof)
1	Carbon storage in a city	Dr LUM Shawn Kaihekulani Yamauchi (NSSE)
2	Polymicrobial Biofilm Dynamics at the Interface of Sustainable Communities and Public Health	Kimberly Ann Kline (Asst Prof)
3	Driver behavioural adaptation to underground road conditions	Wong Yiik Diew (Assoc Prof)
4	Underground Space for a Sustainable NTU Campus	Zhao Zhiye (Assoc Prof)
5	Bridging Research and Pedagogy in Sustainability	Chang Youngho (Asst Prof)
6	Environmental Logistics: The Case of Oil Rig Supply Chain	Thai Van Vinh (Asst Prof)
7	Exploring the Environmental, Food and Energy Nexus in Singapore's Neighbouring Hinterland	John Jackson Ewing (Dr)
8	International Workshop and Conference on The Economics and Policy of Water and the Environment	Euston Quah (Prof)
9	Intelligent Laboratory Energy Sub-metering System at NTU	Wang Peng (Assoc Prof)

Year: 2013

No	Project Title	Project Investigator
1	Innovative Containment Design for Flash Flood Mitigation in an Urban Centre	Tan Soon Keat (Assoc Prof)
2	Pharmaceutical and nanoparticles removal from wastewater by means of constructed wetlands	Tan Soon Keat (Assoc Prof)
3	Energy Modeling and Simulation of NTU Campus Buildings for Future Renovations in Singapore	Wan Man Pun (Asst Prof)
4	Towards a Sustainable Metropolis in Southeast Asia: Building Community-based Resilience	Mely Caballero Anthony (Assoc Prof)
5	The development of novel remote bioelectrochemical detectors (BED) for sustainable water infrastructure	Stefan Wuerz (Prof)
6	Biogenic Nanomaterials for Anti-Virulence Therapy to Combat Bacterial Infection	Cao Bin (Asst Prof)
7	Design of an Indoor Intelligent Navigation System for Visual Disabilities	Ma Maode (Assoc Prof)
8	Rapid Monitoring Fecal Indicator Bacteria Using Paper Chip Electrochemical Immunoassay	Kang Yuejun (Asst Prof)
9	The Economic Geography of Sustainable Urban Development	Zhang Jipeng (Asst Prof)
10	Carbon Footprint Baseline Establishment for NTU Campus	Justin Dauwels (Asst Prof)

Year: 2014

No	Project Title	Project Investigator
1	Carbon Negative Construction Products	Cise Unluer (Dr)
2	Modelling, simulation, and travel time prediction of a road network disruption	Wong Yiik Diew (Assoc Prof)
3	Modelling multimodal travel behaviour linking non-motorised transport with public transport	Wong Yiik Diew (Assoc Prof)
4	The Environmental Governance and Impact of Mining Companies in Mongolia	Judith Walls (Asst Prof)
5	Mobile Energy Monitoring App Prototype --- MEMAP	Walter Edgar Theseira (Asst Prof)
6	International Conference on Hydrodynamics (ICHD 2014) – Hydrodynamics of Hazardous Events and Human Dimension Impact on an Urban Centre	Tan Soon Keat (Assoc Prof)
7	Persuasion by design: Message design and the study of behavioural change towards sustainability	Natalie Pang (Asst Prof)
8	Waste mechanical energy capturing towards self-power systems in car parks	Fan Hongjin (Asst/Prof)

Year: 2015

No	Project Title	Project Investigator
1	Community-Based Malaria Elimination Program	Prof Peter Preiser
2	A novel prevention method for membrane fouling - Fluid Dynamic Gauge	Asst Prof Zhou Yan
3	Evaluation of products from sludge pretreatment - basis for sustainable wastewater/sludge treatment	Asst Prof Zhou Yan
4	Regulations for sustainable bus transit services in competitive market	Asst Prof Wang Zhiwei
5	Sustainable Metropolis: Population, Productivity and Parity	Asst Prof Chang Youngho
6	Modelling cycling demand for recreational and health purposes in Singapore	Assoc Prof Wong Yiik Diew
7	Socio-Interactive Media saves Energy & Water with high Life-Comfort	Assoc Prof Patrick Williams
8	Integrated multi-colour nano light source based on plasmonic/2D TMD nanostructures	Prof Shen Zexiang