

Annual Report

July 2018-June 2019



香港浸會大學
HONG KONG BAPTIST UNIVERSITY



社會科學院
FACULTY OF SOCIAL SCIENCES

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1.

Overview and Mission

1.1. Asian Energy Studies Centre: A Category-II Research Centre

The Asian Energy Studies Centre (AESC) was established in September 2014 following the change of directorship and the renaming of the Hong Kong Energy Studies Centre (HKESC) that had been set up in 1998. AESC has been a university-supported Category-II research centre housed under the Faculty of Social Sciences at Hong Kong Baptist University (HKBU) since March 2016. Since then, AESC continues to develop its research capacity and expand its network on sustainable energy in the Asian region.

1.2. Mission and Objectives

Aiming to be an internationally recognised hub for sustainable energy studies on the Asian region, AESC is committed to pursuing excellence in academic research in the areas of sustainable energy, with particular focus from the perspectives of governance in the Asian context. AESC promotes informed energy decision-making and improves energy policies in the Asian region, including Hong Kong in the following ways:

- 1) **Create new knowledge in the field of sustainable energy studies under Asian perspective**
- 2) **providing practical policy recommendations;**
- 3) **promoting knowledge exchange;**
- 4) **facilitating stakeholder engagement; and**
- 5) **undertaking interdisciplinary, collaborative research projects, and organising academic workshops, public seminars and other engagement events.**

1.3. Research Clusters

AESC continues to develop its three Research Clusters: 1) climate and energy; 2) energy governance; and 3) energy in Asia. These Research Clusters, headed by respective cluster leaders, are assigned groupings that would facilitate AESC in developing enhanced expertise and networks in the years ahead.



The three research clusters and cluster leaders of AESC.

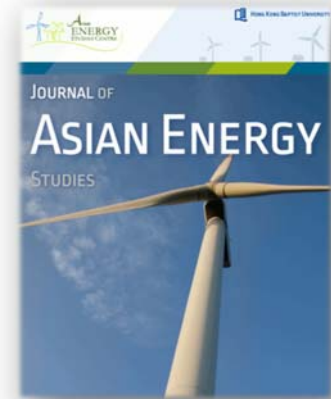
2.

Major Initiatives

AESC actively engages with the academic community, provides a platform for scholars to promote informed energy decision-making and improve energy policies in the Asian region through the following major initiatives:

2. 1. Journal of Asian Energy Studies

Journal of Asian Energy Studies (JAES) (ISSN 2524-1222) is the official journal of AESC at HKBU. JAES publishes high-quality original research and review papers that focus on energy issues in Asia. The journal aims to promote informed energy decision-making and improve energy policies in the region by creating new knowledge, providing practical policy recommendations, promoting knowledge exchange, and facilitating stakeholder engagement. To provide a truly open and inclusive forum for academics and practitioners, JAES adopts the open access (OA) model and is completely free for both authors and readers. The JAES website launched in early 2017 (<http://repository.hkbu.edu.hk/jaes/>), with three volumes and total of eight journal articles and one book review published and available online.



The cover of the Journal of Asian Energy Studies.

2. 2. Research Fellowship and Honorary Advisor Programme













AESC launched the Research Fellows and Honorary Advisor programmes in October 2014, where scholars from around the world have been invited to become AESC Research Fellows and take part in AESC's activities. These activities include conferences, seminars, and the Working Paper Series which are excellent opportunities to highlight the multidisciplinary research field of sustainable energy studies. In addition, industry professionals in sustainable energy have been invited to serve as Honorary Advisors to share their insights into current energy trends, applications, and practical work experiences. The aim for this Programme is to bring together their respective expertise and provide a platform for interaction on critical energy issues in the Asian context.

Major Initiatives













To date, there are 33 Research Fellows and 3 Honorary Advisors. Our Research Fellows are diverse: some are based at internationally renowned institutions such as Stanford University, The University of Tokyo, Kyoto University, and Tsinghua University; they represent various institutions within Hong Kong, across the Pearl River Delta Region, across East Asia (e.g. China, Japan, and South Korea), and across the world (e.g. Europe, USA). Furthermore, their areas of expertise are further exemplified under AESC's research themes of energy technologies, environmental sciences, energy policy and governance, and public perception on energy. Please see [pages 5-7](#) for more details on the Research Fellows.

Major Initiatives

AESC Research Fellows (2018-2019) (in alphabetical order)

			
<p>Rikiya Abe The University of Tokyo <u>Energy Technology, Smart Grids;</u> <u>Asian Countries</u></p>	<p>Philip Andrews-speed National University of Singapore <u>Political economy of energy governance; China; Asia</u></p>	<p>Richard Balme Sciences Po <u>Energy Policy & Governance; Europe</u></p>	<p>Chun Kwok Pan Hong Kong Baptist University <u>Environmental Sciences</u></p>
			
<p>Lifeng Deng Sun Yat-Sen University <u>Risk communication and governance, science communication and popularization; public deliberation in nuclear governance in China</u></p>	<p>Xiang Fang Sun Yat-Sen University <u>Energy Policy & Governance; China; Public Perception on Energy</u></p>	<p>Sara Fuller Macquarie University <u>Energy justice; Climate change; Energy governance; Environmental politics</u></p>	<p>Andy Gouldson University of Leeds <u>Energy Policy & Governance; China</u></p>
			
<p>Meiyu Guo Hong Kong Baptist University <u>Energy Policy & Governance; China</u></p>	<p>Peter Hills The University of Hong Kong <u>Energy Policy & Governance; Asian Countries</u></p>	<p>Jung Eun Kim The University of Hong Kong <u>Energy Policy & Governance</u></p>	<p>Taedong Lee Yonsei University <u>Energy Policy & Governance</u></p>

Major Initiatives

			
<p>Gilles Lepasant Unit Géographie-Cités <u>Energy Technologies;</u> <u>Energy Policy &</u> <u>Governance; Europe</u></p>	<p>Cui-ping Liao Chinese Academy Of Sciences <u>Energy Policy &</u> <u>Governance; Energy</u> <u>Technology, Smart Grids;</u> <u>China</u></p>	<p>Kevin Lo Hong Kong Baptist University <u>Energy Policy &</u> <u>Governance; China</u></p>	<p>Benjamin McLellan Kyoto University <u>Energy Policy and</u> <u>Governance; Public</u> <u>Perception on Energy</u></p>
			
<p>Akihisa Mori Kyoto University <u>Environmental and climate</u> <u>funding; Energy-climate-</u> <u>environmental policy in</u> <u>Asia; Energy transition;</u> <u>Cross-border policy impact</u></p>	<p>Shinichiro Okushima University of Tsukuba <u>Energy economics and</u> <u>policy; Environmental</u> <u>economics and policy;</u> <u>Energy poverty; Energy</u> <u>vulnerability; Energy</u> <u>transitions; Climate change;</u> <u>Environmental ethic</u></p>	<p>Keun-Wook Paik Chatham House <u>Eurasian energy studies, in</u> <u>particular Sino-Russian oil</u> <u>and gas cooperation, gas</u> <u>cooperation in Northeast</u> <u>Asia, DRPK offshore</u> <u>exploration and</u> <u>development, and Russia's</u> <u>Arctic Onshore Gas</u> <u>Development (as LNG)</u></p>	<p>Wei Pan The University of Hong Kong <u>Energy Technology,</u> <u>Green Buildings</u></p>
			
<p>Amy Poh The University of Tokyo <u>Statistical modelling; Smart</u> <u>grid security; Japan</u></p>	<p>Ye Qi Tsinghua University <u>Energy Policy and</u> <u>Governance</u></p>	<p>Pia-Johanna Schweizer University of Stuttgart <u>Public Perception on</u> <u>Energy; Energy Policy &</u> <u>Governance; Europe</u></p>	<p>Alice Siu Stanford University <u>Public Perception on</u> <u>Energy</u></p>

			
<p>Kenji Tanaka The University of Tokyo <u>Energy Technology, Smart Grids; Asian Countries</u></p>	<p>Jianhui Wang Argonne National Laboratory, USA <u>Energy Technology, Smart Grids, Renewable Energy</u></p>	<p>Shou wen Wang China Three Gorges University <u>Electricity Market; Power System Risk Assessment; New Energy Policy</u></p>	<p>Elizabeth Wilson University of Minnesota <u>Public Perception on Energy; Energy Policy & Governance; USA</u></p>
			
<p>Marc Wolfram Sungkyunkwan University <u>Urban Transformations; Urban Governance; Planning; System Innovation; Transformative Capacity; Sustainability Science</u></p>	<p>Yun-Ying Wu Hanshan Normal University <u>Energy Technology, Smart Grids; Asian Countries</u></p>	<p>Yuan Xu The Chinese University of Hong Kong <u>Energy Policy and Governance; China</u></p>	<p>Ka-ho Yu Renmin University of China <u>Energy Policy & Governance; China</u></p>
			
<p>Zhimin Zhang National Development and Reform Commission, China <u>Energy Policy & Governance; China</u></p>	<p>Raymond Chan GHD <u>Energy Technology; Renewable Energy</u></p>	<p>Thomas Tang AECOM <u>Energy Policy and Governance</u></p>	<p>Simon Ng Policy & Research of Business Environment Council <u>Academic/Policy research; Project management; Stakeholder's engagement</u></p>
AESC Honorary Advisors (2018-2019)			

Major Initiatives

2. 3. Visiting Research Fellows Programme

AESC welcomed five visiting research fellows during the reporting period year:

Name	Institution	Date of visit at AESC
Dr. Shinichiro Okushima	University of Tsukuba	15 Sep to 19 Sep 2018

The Visiting Research Fellows Programme aims to provide a platform for Visiting Research Fellows to facilitate knowledge exchange in the areas of sustainable energy and governance research on the Asian region. Not only does this programme promote greater awareness of international and Asian energy issues, but it also generates key policy and governance insights in energy across different contexts. The output from this programme would equip stakeholders, such as policy-makers, utility providers, academics, businesses, and the general public, on international experiences and strategies with energy issues and governance.

2.4. Working Papers Series

AESC Working Paper Series provides a forum for work-in-progress, conference papers, and early versions of papers to be submitted to international journals. This Series facilitates early dissemination of research outputs in many aspects of energy studies, showcases our Research Fellow's expertise, and strengthens AESC as a hub for sustainable energy studies on the Asian region. To date, there are 22 working papers in the Series (see the list of papers at <http://aesc.hkbu.edu.hk/publications/working-papers>). Recent papers featured topics such as examining the potential and barriers of solar PV in Asia.

3.

Publications

During this reporting period, AESC published 6 journal articles, and 2 working papers.

3.1. Journal Articles

Fuller, S., Barber, L. B., & **Mah, D. N.-y.** (2019). “Narratives of energy poverty in Hong Kong”. *Energy and Buildings*, 191, 52-58.

Mah, D. N.-y. (2019). “Community solar energy initiatives in urban energy transitions: A comparative study of Foshan, China and Seoul, South Korea”. *Energy Research & Social Science*, 50, 129-142.

Mah, D. N.-y., Lam, V., Siu, A., Ye, H., Ogata, S., & Wu, Y.-Y. (2018). “Understanding undergraduate students’ perceptions of dynamic pricing policies: An exploratory study of two pilot deliberative pollings (DPs) in Guangzhou, China and Kyoto, Japan”. *Journal of Cleaner Production*, 202, 160-173.

Li, J, **Lo, K** and Guo, M (2018). What influences the choice between private car and public transport for shopping trips? Impact of socio-economic and built environment factors. *Journal of Asian Energy Studies*, 2, 29-43.

Lo, K, Li, J, Wang, M, Li, C, Li S and Li, Y (2018). A comparative analysis of participating and non-participating households in pro-poor tourism in southern Shaanxi, China. *Tourism Planning & Development*.

Li, J, **Lo, K** and Guo, M (2018). Do socio-economic characteristics affect travel behavior? A comparative study of low-carbon and non-low-carbon shopping travel in Shenyang City, China. *International Journal of Environment Research and Public Health*, 15, 1346.

3.2. Working Papers

Mah, D. (2018), “Community solar energy initiatives in urban energy transitions: A comparative study of Foshan, China and Seoul, South Korea”, *Asian Energy Studies Centre’s Working Paper No. 20*, Hong Kong: Asian Energy Studies Centre, Hong Kong Baptist University

Mah, D. (2018), “Conceptualising government-market dynamics in socio-technical energy transitions: A comparative case study of smart grid developments in China and Japan”, *Asian Energy Studies Centre’s Working Paper No. 21*, Hong Kong: Asian Energy Studies Centre, Hong Kong Baptist University.

Teaching and Learning

AESC is committed to promoting sustainable energy studies on the Asian region at Hong Kong Baptist University and beyond through teaching and learning. AESC has been supporting student-related activities and assisting students in the Department of Geography in developing basic research skills.

4.1. Malaysia Overseas Field Camp 2019 (21-26 May 2019)

AESC successfully applied for HK\$20,000 in funding support from the China Light and Power Company to sponsor the Overseas Field Camp (OFC) in Malaysia for Geography undergraduate students in the Department of Geography in the summer of 2019.

A total of 70 Year-Three students and five staff members in the Geography Department embarked on this trip from 21 to 26 May 2019. Hosted by the Geography Section at



Geography students and staffs in Wonder Wilderfarm, Malaysia.

Photo credit: Department of Geography (HKBU)

University of Sains Malaysia (USM), students took part in academic exchange with teachers and students on water and transport issues. Students also had chance to explore the campus museum in USM. Visitation to Gua Tempurung cave highlighted the trip as students were challenged to explore the cave with different featuring routes. During the trip, students also visited Wonder Wilderfarm to

learn about the sustainable farming and grassroots entrepreneurship, joined local walking tour to experience the heritage conservation and cultural side of Penang, and visited the Penang National Park to understand the ecological work there.

The field camp enhanced students' knowledge in natural resources management, water management, transport planning, cultural conservation, history and public policy.

4.2. Student Internships

AESC hosted 7 undergraduate student interns over the reporting period. In particular, we have partnered with CIE to host two students in summer 2019 for the “Internship for Environment, Conservation and Ecotourism”, a credit-bearing summer internship programme. The student interns took part in a wide range of tasks including event planning and coordination, stakeholder liaison, office administration, research interviews, desktop research, data analysis, and report writing. These internships enabled the students to get involved in the research process, gain hands-on experience to supplement their academic studies, expand their skillset, and expand their networks.

A non-credit-bearing summer internship programme of AESC had newly launched in 2019 summer. AESC has hosted 3 student interns under this Centre’s programme in the reporting period. Apart from research tasks, they had particularly assisted in our outreach events such as workshop and conference. Enabled them to exchange with different parties or oversea academics and specialists, thus expand network and deepen their interest in the respecting research fields. Addition of 2 master students from the Master of Science in Environmental Management, Hong Kong University also participated in AESC’s internship. They were particularly focus on the solar school development and solar or renewable energy education in Hong Kong. Not only did they conducted related research, but also deeply engaged in the solar schools event throughout a year.

4.3. Honours Project-Honorary Research Fellows Programme

AESC has been facilitating HKBU Honours Project students to conduct their research through AESC’s Research Fellowship Programme. The 33 Research Fellows and three Honorary Advisors under AESC’s Research Fellowship and Honorary Advisors Programme have served as a panel of energy experts, who are relatively accessible to Honours Project students who conducted energy-related research projects. Through this network, several students successfully invited energy experts to conduct in-depth face-to-face and telephone interviews for their projects.

(The Honours Project carries 6 credit units for the Geography Major, GEOG-LST double degree and the China Studies – Geography Concentration programmes at HKBU, and is usually completed by final-year undergraduate students. Please refer to this link for more information: http://geog.hkbu.edu.hk/?page_id=870)

5.

Knowledge Exchange and Public Outreach

5.1. Disseminating Knowledge: Knowledge Transfer

5.1.1 The Third Asian Energy Conference on ‘Diversity in Urban Energy Transitions in Asia: Trajectories, Governance and Policy Innovations’ (3 July 2019)



Prof. Adrian J. Bailey, Dean of the Faculty of Social Sciences, HKBU, gives an opening remarks.

This Conference provided a forum for academics, businesses, industrial practitioners, NGOs, and the public to share views on the social inputs, governance and policy innovation of sustainable energy transitions from an Asian Pacific perspective.

The Conference featured four sessions: (1) Socially Enabled Urban Energy Transition; (2) Interdisciplinary Approaches for Energy Policy Innovations; (3) Governance Innovation for Low-carbon China; and (4) Just and Social Perspective of Energy Transitions. Dr. Byrne from the Foundation for Renewable energy and environment, and University of Delaware was invited as the keynote speaker. Speakers, session chairs, and panel moderators came from Hong Kong, South Korea, Japan, Singapore, Sweden, the U.S. etc.



Dr. Kevin Lo answering question from the floor during the afternoon panel session.

Around 95 participants from academia, utility companies, governments, businesses, NGOs, and students attended. Co-organisers included Department of Geography at Hong Kong Baptist University, David C. Lam Institute for East-West Studies at Hong Kong Baptist University, Center of Deliberative Democracy at Stanford University, Centre for European Studies and Comparative Politics at Sciences Po, and Graduate School of Energy Science at Kyoto University. This conference was also made possible through grants and funding from Hong Kong Baptist University, the Faculty of Social Sciences at Hong Kong Baptist University, CLP Power Hong Kong Limited, and The Hongkong Electric Co., Ltd.

The Pre- and Post-Conference Internal Research Meeting of speakers and other AESC research fellows were held on 2nd and 4th July. Areas of collaboration and development on potential research plans in governance for sustainable energy transitions were discussed. Speakers from the respective sessions of the Conference gathered in working groups, where they shared research works and agendas, and explored areas for potential collaboration.



Internal research meeting on 4th July 2019. Speakers and research fellows gather to exchange ideas.

5.1.2 Public Seminar Series

In order to provide a platform for academic exchange between the HKBU Geography community and academia at large and among our own faculty and students, AESC collaborates with the HKBU Department of Geography from time to time to co-organise public seminars. AESC co-organised a public seminars in March 2019 with the Department of Geography. Dr. Rio Howard, former official of the Organisation for Economic Cooperation and Development, Paris, shared her research and valuable insights on the stands and roles of non-government organisations (NGOs) in global governance. Particularly with example on the international NGOs on climate negotiations and issues, the seminar delivered thought-provoking criticism on NGOs development in global perspective.



Dr. Howard sharing on 'International NGOs and the Climate Sector: Global Governance in the 21st Century'.

5.1.3 Hong Kong Solar Partnership



The Hong Kong Solar Partnership logo.

In September 2018, AESC launched Hong Kong Solar Partnership as a multi-stakeholder platform to facilitate dialogue among stakeholders and the co-production of possible solutions, experiment new ways of public engagement, enhance civic empowerment, and share good practice and experiences. Key partners include industrial practitioners, academics, civil society, as well as Mainland China and international partners.

Two major task forces, one focusing on solar schools and one focusing on solar communities, have been set up. Each task force formed a technical support team to host workshop and share good practices through our web platform, guidebooks, and working group meetings.

The first working group meeting for school sector had been held in October 2018. Education professionals, representatives of utilities, and academics joined the meeting and interchange views and thoughts for the solar development at schools in Hong Kong.

For community sector, good example for solar deployment in community has been collected and presented on the Hong Kong Solar Partnership website.



Dr. Mah sharing the purposes of the Partnership in the first school working group meeting.

For more details, please visit: <http://aesc.hkbu.edu.hk/hongkongsolarpartnership>

More event organised and co-organised by Hong Kong Solar Partnership are listed in section 5.2 below.

5.1.4 The Hong Kong Solar Map

Our Hong Kong Solar Map, launched in November 2016, is an asset for society and contributes to citizen empowerment as it allows anyone with Internet access to select areas in Hong Kong and estimate the solar capacity plus the potential financial implications of installing a PV system at the selected area. We have utilized our existing platforms to introduce this tool to potential users, e.g. providing tutorials to various workshop participants and research interview participants. As of 15 June 2018, the site had been accessed about 15,000 times. The Hong Kong Solar Map can be accessed here:

<http://digital.lib.hkbu.edu.hk/solarmap/>



(Left) a poster promoting the Hong Kong Solar Map; (Right) the Hong Kong Solar Map logo and user interface.

5.2. Community Initiatives and Public Outreach

5.2.1 Hong Kong Solar Schools Workshop 2019 (8 June 2019)



Participants discussing the existing difficulties for solar deployment at school and exchanging view on related teaching-and-learning experience in small group.



Panellists including principal To (Buddhist Wing Yan School), service provider, and academic answering questions during plenary session.

This Hong Kong Solar Schools Workshop 2019 was developed under the Hong Kong Solar Partnership and was co-organised with Hong Kong Federation of Education Workers, Hong Kong Aided Primary School Heads Association, New Territories School Heads Association, and Fair Trade Hong Kong. About 25 teachers, principals, or education workers participated in the workshop. The workshop aimed to provide platform for experience sharing in solar development and teaching among educators and to introduce useful platform and suggestion for education materials on renewable energy. We were most grateful to have Buddhist Wing Yan School and Sing Yin Secondary School lending us the event venues. Nevertheless, having their principals presented their experience in solar deployment and education at schools, and guided participants for tour on their solar and renewable energy facilities.

The workshop also included sharing on the educational value for renewable energy education by Student Ambassadors from Fair Trade Hong Kong. Our 2 master student interns also presented their projects and shared some teaching materials and renewable energy education tools for the participants. Through the moderated small group discussions and plenary session in the workshop, participants then exchanged views and ideas on renewable energy education at schools. Certificates were delivered to all participants.



Principal Wong (Sing Yin Secondary School) presenting energy data at school;



Participants visiting the solar PV system in Sing Yin Secondary School.

5.2.2 Two Community Workshops for Prospective Solar Communities (23 March 2019 & 1 June 2019)

AESC and Hong Kong Solar Partnership organised two Community Workshops in Fairview Park and Hong Lok Yuen respectively in Saturday mornings. Total of about 80 residents joined. Interaction were made between residents and representatives from utility, academics, NGO, and community organisations. In light of Hong Kong Government's announcement on the Renewable Feed-in Tariff (FiT) starting from October 2018, the workshop provided a platform for community stakeholders to (1) discuss this renewable energy policy, (2) indicate existing barriers for solar deployment, and (3) envision the solar development in their community.

The two workshops consisted of similar structure with preliminary research findings share by AESC on the solar development of the two communities, small group discussion, and plenary session. For Fairview Park Community Workshop in March, we had invited a community representative, Mrs Kim Soyoung from Seoul to share their solar energy community experience in Korea. DIY sessions were also held for participants' children to assembly their own solar toys and experience the use of our Hong Kong Solar Map.

Before attending the workshop, a set of briefing document consisted of two community-specific scenarios on solar development were sent to the participants. During the event, fruitful disussion and interaction were seen not only between residents during samll group discussions, but also between panelists and residents during plenary sessions about their view on FiT, the barriers they had come across, and their vision for community solar.



Mrs. Kim sharing their experience in develop an energy self-sustaining community in Seoul.



Panelist answering questions from participant during the plenary session in Fairview Park.

The discussion were documented for the public policy research and summary of Hong Lok Yuen Solar Community Workshop was disseminated to the Management Office and Owners' Association there.

* These events were under public policy research project funded by Policy Innovation and Co-ordination Office (HKSAR) and partial supported financially by Hongkong Electric.



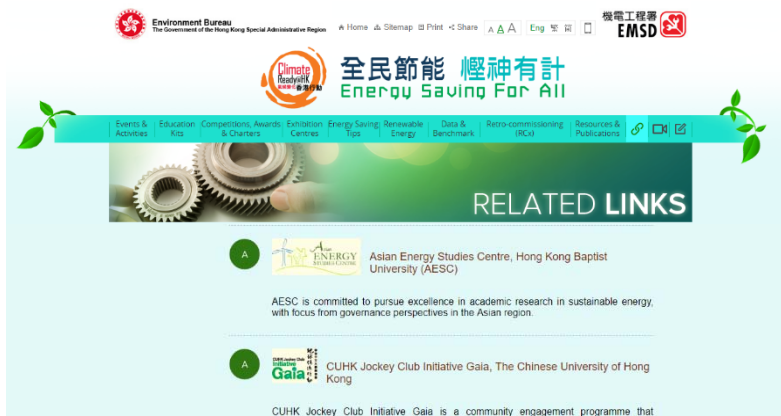
Small group discussion among residents in Hong Lok Yuen Solar Community Workshop.



Full house of Hong Lok Yuen residents joined the Workshop in June.

5.2.3 EMSD Portal on Energy Saving

AESC continues to participate as an organisation of a new energy saving portal website hosted by the Electrical and Mechanical Services Department (EMSD) and Environment Bureau (EB) of the Hong Kong Government. This portal can help the public to access important energy saving information and related events and activities of participating organisations such as AESC.



AESC is listed under the Energy Saving for All, an initiative by EMSD and EB of the Hong Kong Government.

Credit: Energy Saving For All
http://www.energysaving.gov.hk/en/related_links/local.html

5.3. Helping to Shape the Energy Dialogue in Asia: Participated and Supported Events

AESC team has participated at and lent support to these events during the reporting period:

Date(s)	Event
26-28 June 2019	The 25th International Sustainable Development Research Society Conference - Sustaining Resources for the Future Organisers: The International Sustainable Development Research Society, Nanjing University
3 June 2019	Workshop on Data Analytics in Journalism, Social Science, and Business Studies Organisers: Department of Journalism (HKBU), David C. Lam Institute for East-West Studies, Centre for Business Analytics and the Digital Economy
24 May 2019	Transdisciplinary Symposium on Environmental Health and Social Sciences Organiser: David C. Lam Institute for East-West Studies, AESC
18 May 2019	Training Workshop for "ECF Fairness under the Sun" Programme Organiser: Fair Trade Hong Kong Foundation
30 April 2019	Environmental Innovation: Opportunities and Challenges in Hong Kong Organiser: Hong Kong Institution of Engineers
12 February 2019	Talk on Beyond Tackling Climate Change – How Fair Trade Steps in? Organiser: Fair Trade Hong Kong Foundation
14 January 2019	《粵港澳大灣區能源轉型中長期情景研究》第一次項目組會議 Organiser: Chinese Academy of Engineering
11 December 2018	Workshop on Photovoltaic systems and the feed-in-tariff in Hong Kong Organiser: Department of Electrical and Electronic Engineering (HKU), The University of Hong Kong
30 October 2018	Worldwide Universities Network Workshop on the Political Economy of Energy Transitions towards Renewables Organiser: The Chinese University of Hong Kong

6. Future Plans

6.1. Hong Kong Solar Partnership

We will continuously develop the Hong Kong Solar Partnership by inviting more partners among industrial practitioners, academics, civil society and non-local collaborators. Through the on-going working group meetings, workshops, and case study collection, we will share more good practice on solar deployment in Hong Kong through our Hong Kong Solar Partnership's website.

6.2. Electrical and Mechanical Services Department (EMSD)'s education kit on solar education

Our team successfully tender the commission project from EMSD to design the education kit in facilitating and deploying the Government's scheme – Solar Harvest. Launched in March 2019, Solar Harvest is a solar energy supporting scheme for schools and non-governmental organisations (NGOs) by providing subsidy and one-stop installation service. The education kit will provide teaching plan and suggestions with innovation technology in solar panels, survey and exploratory activities, and virtual reality and 3D model. Centre's director Dr. Mah will take up the role as coordination office in educational activities on energy policy.

6.3. The Hong Kong Jockey Club Charities Trust's Cool and Smart Communities for Sustainable Hong Kong

The team is now developing an engagement project on smart community energy with a group of interdisciplinary experts from academic, NGOs, industrial practitioner. The project will be proposed to The Hong Kong Jockey Club Charities Trust. Beyond energy transition, the project will focus more on energy-saving in the communities. We will incorporate climate data with energy-use behaviour. The project aims to engage communities in smart energy future by better managing the energy use, peak demand, and alternative energy generation. The aggregate impact of communities is also expected to enhance energy literacy in Hong Kong. Smart technology like app will be developed under the project together with a series of community engagement event to be held. The application result is expect to be confirmed in the end of 2019. If success, the project will start in early 2020.

7.

Contact Details

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Dr. Daphne Ngar-Yin Mah



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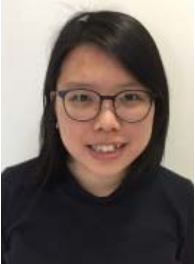
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Interdisciplinary research hub
for sustainable energy
on the Asian region

