

July 2023



CCAPPTIA

NEWSLETTER

The International Forum on
Climate Change Adaptation Planning
for Port, Transportation Infrastructure,
and the Arctic



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Stanford University scholars have recently released an update of the World's Top 2% Scientists list in which six CCAPPTIA scholars were selected. Among them, Faisal Khan, Jason Monios, Adolf K.Y. Ng, Theo Notteboom, and Anming Zhang entered both sub-lists of career-long impact and single year impact.

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Six CCAPPTIA Scholars Listed in World’s Top 2% Scientists List

Stanford University scholars have recently released an update of the World’s Top 2% Scientists list in which six CCAPPTIA scholars were selected. Among them, Faisal Khan, Jason Monios, Adolf K.Y. Ng, Theo Notteboom, and Anming Zhang entered both sub-lists of career-long impact and single year impact. In addition, Zaili Yang was shortlisted for their single year impact. The result shows that the six selected CCAPPTIA scholars have made a high impact in and outstanding contributions to their research fields.

Citation metrics are widely used and misused. Stanford University scholars have created a publicly available database of top-cited scientists that provides standardized information on citations, h-index, co-authorship adjusted hm-index, citations to papers in different authorship positions and a composite indicator (c-score). The selection is based on the top 100,000 scientists by c-score (with and without self-citations) or a percentile rank of 2% or above in the sub-field. 195,605 scientists are included in the career-long database and 200,409 scientists are included in the single recent year dataset. This work uses Scopus data provided by Elsevier through ICSR Lab (<https://www.elsevier.com/icsr/icsrlab>).



The 2nd CCAPPTIA Conference took place on 28-30 June 2021

The 2nd CCAPPTIA conference took place on 28-30 June 2021. Themed as Adaptation and Resilience of Transport and Logistics in the Post-Pandemic World that featured 27 speakers and 101 participants coming from five continents, the conference strives to offer important insight on how policymakers, practitioners, and scholars can work together to solve contemporary challenging problems in (maritime) transport and logistics. Articles include key issues that range from how the maritime sector restructures due to the Covid-19 pandemic to the state-of-the-art methodologies in tackling Arctic shipping risks. I sincerely wish that you will find

this issue interesting and inspirational. The details of the conference, including free videos on the presentations, can be found here: <https://www.ccapptia.com/21conference>

Here’s a brief objective description of the conference: Transport infrastructures are increasingly affected by the impacts posed by natural hazards like pandemics and climate change. Because they are vital for trade and communications, this situation has significant implications for the local, national, and global economy and human welfare. The time has come for a paradigm shift in how transport infrastructures and other supply chain components plan for and enact new strategies. Also, adaptation and resilience to natural hazards create opportunities to enhance well-being and regional development, as exemplified by the possible restructuring of the current supply chain systems. This is possible only if effective solutions are introduced and implemented through efficient collaborative efforts from different disciplines and sectors.

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CCAPPTIA Members Published Research on the Northwest Passage's Socio-economic impacts

CCAPPTIA members, Adolf K.Y. Ng, Mawuli Afenyo, and Roozbeh Panahi have published a paper in Marine Policy investigating the Northwest Passage (NWP)'s socio-economic impacts. The study employs novel approach to assessing the cost of container liner shipping through the NWP on northern local communities. The paper can be accessible here: <https://www.sciencedirect.com/science/article/abs/pii/S0308597X23001744>

CCAPPTIA Members Published Study on the Advertising Formation on Adopting Alternative Fuel Vehicles

CCAPPTIA members, Adolf KY Ng and Tina Ziting Xu, have published a paper on the impacts of advertising formation on adopting alternative fuel vehicles (AFV) in a competitive market, published in Transportation Research Part D: Transport and Environment. The study explores the pricing and advertising strategies of conventional vehicle and AFV retailers when considering different advertising formats, namely, informative and persuasive, within a competitive market. This study offers both theoretical and practical contributions to the pricing and marketing of AFVs. The paper can be accessible here: <https://www.sciencedirect.com/science/article/pii/S1361920923000706?dgcid=author>

CCAPPTIA Members Published a Research Case on Comparing buyer behaviors Between China and the United States Under Pandemic

CCAPPTIA members, Yufeng Lin and Adolf K.Y. Ng have published a paper in Sage Research Methods. The research case presents a cross-case study between China and the United States on communication inequalities and buying behavior in a public health emergency under COVID-19. The paper can be accessible here: <https://methods-sagepub-com-christuniversity.knimbus.com/case/comparative-cultural-study-china-united-states-comm-inequality-buy-behavior>



CCAPPTIA founders have developed a new methodology for assessing the economic impact of an oil spill in the Arctic

This paper presents a novel approach to assessing the cost of container liner shipping through the Northwest Passage (NWP) on northern local communities. Based on some representative communities, concerns of the residents of these Canadian Arctic regions were assessed. The study is imperative in supporting decision-making to shape Arctic policy. Furthermore, it gives stakeholders an idea of the market dynamics of shipping in the Arctic area.

The paper can be found here: <https://www.sciencedirect.com/science/article/pii/S0308597X23001744>

2023 CCAPPTIA Conference

We are pleased to invite you to attend our upcoming conference on “Arctic Shipping and Development in a World of Sustainability” on August 13, 2023 (Sunday) at the Hong Kong Maritime Museum. The conference will take place at 8:45 am (GMT +8, Beijing time).

The conference will explore the challenges and opportunities of Arctic shipping and development in a world of sustainability. Experts in the field will share their insights on the impact of climate change on the Arctic, the development of sustainable shipping practices, and the future of Arctic trade and investment.

Calling for Paper Transportation Research Part D: Transport and Environment Special Issue

Theme: Enhancing the Resilience of Maritime Transport: Theory and Practice

The captioned special issue is edited by CCAPPTIA Members, Adolf K.Y. Ng, Olivier Faury, Yui-yip Lau, Ziaul Munim, and Austin Becker.

Risk represents an essential challenge for the resilience of global maritime transport that ranges from adapting to climate change impacts to addressing security threats in the digital industrial era. Risk complicates decisions about when, how, and to what extent appropriate strategies and capacity investments should be committed to successfully adapt to a highly uncertain and complex environment. The inability to address risk properly would cause disruptions in maritime transport system and facilities

which, in turn, would jeopardize the well-being of the global economy. Hitherto, the research community has yet to satisfactorily address this gap. Notable examples include an inadequate understanding of the roles and importance of resilience on the efficiency of maritime transport systems and operations, the lack of scientifically robust data, unreliable models/methods, poor communications/engagements of vulnerability findings with stakeholders, to name but a few.

More details can be found here: <https://journals.elsevier.com/transportation-research-part-d-transport-and-environment%20/call-for-papers/enhancing-the-resilience-of-maritime-transport-theory-and-practice>



CCAPPTIA Members developed resilience index for resilient Arctic Shipping

CCAPPTIA members, Roozbeh Panahi, Mawuli Afenyo, and Adolf K.Y. Ng, have published a paper entitled “Developing a resilience index for safer and more resilient Arctic shipping” in Maritime Policy & Management. In this study, they develop a resilience index using the Fuzzy Analytical Hierarchy Process, upon which the relative importance and the level of satisfaction of resilience builders were investigated. The findings indicate that factors that rank high on importance are, in many cases, not that high on satisfaction.

The paper can be found here: <https://www.tandfonline.com/doi/abs/10.1080/03088839.2022.2061059?src=&journalCode=tmpm20>.

Arctic Shipping and Development in a World of Sustainability

Date: 13 Aug 2023 (Sunday)

Time: 08:45 am to 12:15pm

Venue: Hong Kong Maritime Museum &
Online (Hybrid mode)



Hong Kong Maritime
Museum, Hong Kong

Mr. Gomen See



SPEED, The Hong Kong
Polytechnic University,
Hong Kong

Dr. Joseph LAU



Texas A&M University, USA

Dr. Mawuli AFENYO



University of Agder, Norway

Prof. Naima SAEED



BNU-HKBU United
International College, China;
University of Manitoba,
Canada

Prof. Adolf NG



EMI Normandie, Métis Lab,
France

Dr. Olivier FAURY



The University of Hong
Kong, Hong Kong

Dr. Christelle NOT



HONG KONG
maritime
museum
香港海事博物館

Registration:



Conference 2023

Building and Sustaining the Momentum of Cross-border E-commerce for the Greater Bay Area

Date: 11 & 12 August 2023 (Friday & Saturday)

Time: 9:00 am - 6:30 pm

Venue: PolyU Hung Hom Bay Campus &
online via Zoom (Hybrid mode)

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Registration:



The International Forum on Climate Change Adaptation Planning for Port, Transportation Infrastructure, and the Arctic



About CCAPPTIA

CCAPPTIA is an international forum that brings together leading experts, stakeholders, and right holders from academia, government, industry, consultants, interest groups, and community groups in addressing the challenges and opportunities posed by climate change and the Arctic.



**The International Forum
on Climate Change Adaptation
Planning for Port, Transportation
Infrastructure, and the Arctic**

Contact us at: <https://www.ccapptia.com/Contact>