

Is Hong Kong Climate Ready? 水論壇 | Water Forum 2017

Climate Change Resilience – Sponge City

22 March 2017, 0900 – 1700, City Gallery Multi-purpose Hall

Forum Highlights

- Water Resilience under Climate Change
- Water Management advised by Intergovernmental Panel on Climate Change (IPCC) on municipal water supply and flood management aspects
- Meteorologic evidence in Hong Kong on Climate Change
- Regional hydroclimatic research and the projection of potential threats of extreme weather in the long run
- Hong Kong's readiness on water resilience against extreme weather
- Hong Kong's strategy on water management
- Sponge city: transform waterscape for a hotter climate
- Proactive urban planning and strategy for building a sponge city
- Innovative technologies and financing approach in water management

Theme

To explore the potential threats by extreme weather and climate change on water perspective and inspect the strategy on water management and long term action plan for fighting climate change.

Synopsis

It is the third Water Forum organized by Friends of the Earth (HK). Last year, we co-organized with Water Supplies Department and other partners. This year, both organizations work together again on the forum to investigate the readiness of Hong Kong on fighting the challenges of climate change.

There is a growing international recognition of the threat resulted from extreme weather of climate change. As climate change deepens, flooding becomes common as sea level will be going up continuously. More and more cities over the globe are experiencing floods every year. Coastal Cities with rapid urbanization and growing population have

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to cope with the potential increasing flooding. In order to reduce flood risks, flood risk management should be programmed and flexible process of continuous improving management practices should be directed to enhance resilience by proactive urban planning and overall strategy formation.

The forum will bring the focus back to Hong Kong. The threats of extreme weather resulted from climate change will be explored and discussed. Scientific evidence from meteorologic aspect will be shared by speaker from Hong Kong Observatory, and long term regional projection of precipitation will be discussed by distinguished researcher from CUHK. Both speeches will outline the potential threats on water aspect in long run for Hong Kong. Government's water management plan, which includes water supplies and flood management as advised by IPCC, will be shared and discussed by speakers from related departments. Sponge City could be one of the adaption to climate change on water threats. Is it suitable for Hong Kong?

Some other alternative approaches to water management such as innovative technologies and financing models will be explored and shared by professor from HKUST and committee members from Global Water Adaptation. As it is a long term battle to climate change, the young generation will be involved in the forum as well. Empowered by the Earth Academy incubation programme, our young generation will present their findings on overseas experience on water resilience. They will have a dialogue with the professors and experts on how to make Hong Kong ready for climate change on water resilience.

In sum, the forum will explore the climate change threats and resilience approach of Hong Kong. Should we take the resilience as recovery approach, or resilience as transformation approach? Come and join the forum, share your views with the speakers and participants.

Registration [Click here](#)

Enquiry Ms Rheanne Kwan Tel: +852 31841524 Email: rheannekwan@foe.org.hk

Supporting Organizations :

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Language: English

Dr. Vivian WONG TAAM Chi Woon, JP
Chairman of Friends of the Earth Hong Kong

黃譚智媛醫生 JP
香港地球之友主席

Welcome Remarks

Mr. Enoch LAM Tin Sing, JP
Director of Water Supplies

林天星先生 JP
水務署署長

Officiating Remarks

Mr. Fu-cheung SHAM
Chief Experimental Officer
(Climate Forecast Services and Climate
Change Studies), Hong Kong Observatory

岑富祥先生
香港天文台總學術主任
(氣候預報服務及氣候變化研究)

Prof. David CHEN Yongqin
Geography and Resource Management
The Chinese University of Hong Kong

陳永勤教授
香港中文大學地理與資源管理學系

Topic: The Tolling of Climate Alarm Bells

**Topic: Water Challenges in the Face of Climate
Change and Extreme Weather**

Ir. Gabriel PANG
Senior Engineer/Resources Planning Water
Supplies Department

彭國勳先生
水務署高級工程師/水資源策劃

**Topic: Hong Kong's Total Water Management
Strategy in Response to Climate Change**

Ir. Richard LEUNG Wah-ming
Senior Engineer/Research and Development
Drainage Services Department

梁華明先生
渠務署高級工程師/研究及發展

**Topic: Sustainable Drainage System under
Climate Threats and Resilience**

Mr. Nicholas H. F. AU,
Senior Landscape Architect, Hong Kong
Housing Authority

區顯輝先生
香港房屋委員會高級園境師

Prof. Guang-hao CHEN
Department of Civil and Environmental
Engineering, The Hong Kong University
and Science and Technology

陳光浩教授
香港科技大學土木及環境工程學系

**Topic: Development of Innovative Wastewater
Technologies at CNERC-HKB**

**Topic: Case studies for Rainwater Harvesting System
at Shui Chuen O Estate and Lung Yat Estate**



Organizer :



Co-Organizer :



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Dr. Christine CHAN,
Steering Committee Member of Alliance for
Global Water Adaptation

陳愛華博士
AGWA 指導委員會成員



Prof. David C. Broadstock,
Deputy Director
Center for Economic Sustainability and
Entrepreneurial Finance
The Hong Kong Polytechnic University

香港理工大學
可持續經濟與創業金融中心署理主任

Topic: Climate Financial Risk for Cities

**Topic: Water Climate Bonds: Green Investment for
Water Infrastructure**

Supporting Organizations :



Water Forum 2017

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Date: 22 March 2017, Wednesday, 09:00 – 17:00 (Registration starts at 08:30)

Venue: City Gallery Multi-purpose Hall

Language: English

Program Rundown (Tentative)

AM Session	
Time	Topics and Speakers
08:30 – 09:00	Registration
Theme: Climate Change & Water Challenge	
09:00 – 09:05	Welcome Remarks: Dr. Vivian WONG TAAM Chi Woon, JP Chairman of Friends of the Earth (HK)
09:05 – 09:15	Officiating Remarks: Mr. Enoch LAM Tin Sing, JP Director of Water Supplies
09:15 – 09:45	Topic: The Tolling of Climate Alarm Bells Speaker: Mr. Fu-cheung SHAM Chief Experimental Officer (Climate Forecast Services and Climate Change Studies) Hong Kong Observatory
09:45 – 10:15	Topic: Water Challenges in the Face of Climate Change and Extreme Weather Speaker: Prof. David CHEN Yongqin Professor of Geography and Resource Management The Chinese University of Hong Kong
10:15 – 10:30	Tea break
Theme : Water Management for Climate Ready Hong Kong	
10:30 – 11:00	Topic: Hong Kong's Total Water Management Strategy in Response to Climate Change Keynote Speaker: Ir. Gabriel PANG Senior Engineer/Resources Planning Water Supplies Department
11:00 – 11:30	Topic: Sustainable Drainage System under Climate Threats and Resilience Speaker: Ir. Richard LEUNG Wah-ming Senior Engineer/Research and Development Drainage Services Department
11:30 – 12:00	Topic: Case studies for Rainwater Harvesting System at Shui Chuen O Estate and Lung Yat Estate Speaker: Mr. Nicholas H.F. AU Senior Landscape Architect Housing Authority
12:00 – 12:45	Panel Discussion: Is Hong Kong Climate Ready? Moderator: Dr. Jimmy TONG Advisor of Friends of the Earth (HK)
	Panelists: All speakers
12:45 – 14:00	Lunch Break (With photo exhibition of FoE HK's Dongjiang Project)

PM Session	
Theme: Innovative Water Technology and Financing	
Time	Topics and Speakers
14:00 – 14:25	Topic: Development of Innovative Wastewater Technologies at CNERC-HKB Speaker: Prof. Guang-hao CHEN Department of Civil and Environmental Engineering The Hong Kong University and Science and Technology
14:25 – 14:50	Topic: Water Climate Bonds: Green Investment for Water Infrastructure Speaker: Dr. Christine CHAN Steering Committee Member of Alliance for Global Water Adaptation
14:50 – 15:15	Topic: Climate Financial Risk for Cities Speaker: Prof. David BROADSTOCK Deputy Director Center for Economic Sustainability and Entrepreneurial Finance Hong Kong Polytechnic University
15:15 – 15:30	Tea break
Theme: Water Resilience: International Experience	
15:30 – 15:45	Joint presentation by Sons of Dongjiang, Powered by The Earth Academy (i) Topic: Overview of 5 Most Climate Change Resilient Cities Speaker: Sons of Dongjiang
15:45 – 16:00	(ii) Topic: Lessons from New York Speaker: Sons of Dongjiang
16:00 – 16:15	(iii) Topic: What can Hong Kong Learn from the 6 Cities? Speaker: Sons of Dongjiang
16:15 – 16:50	Panel Discussion: Should Hong Kong Adopt the Strategies and Experience from International Cities? Moderator: Mr. Tony IP Governor of Friends of the Earth (HK)
	Panelists: All speakers
16:50 – 17:00	Closing and Award Presentation: Mrs. Mei NG, BBS Governor of Friends of the Earth (HK)

Venue: City Gallery Multi-purpose Hall
展城館多用途廳

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