

## SBH Newsletter 2022 n° 5 – April



**Dear Members of the ISC on Shared Built Heritage, Colleagues and Friends,**

I hope you are all doing well in this troubled world we live in.

We are at a time in the history of humanity where, in this global society in which we remain, various circumstances pressure us and make us feel how irrelevant our role is as an element among thousands of others. At the same time, we are led to consider how important the position of each one of us is in this context, because each one of us can indeed make a difference!

That is why we remain vigilant in relation to our surroundings, we are attentive, and our attitude will always be to protect the goods we inherit, ranging from nature to buildings and traditions, because everything matters in the transience of our existence.

The 18th of April is the International Day of ICOMOS, this year under the auspices of Culture and Heritage. We are going to associate ourselves with this international moment by holding an online conference in the field of culture and climate change under the title:

**WS #02 - “Preservation of Shared Built Heritage in Delta River Cities & Climate Change Mitigations” which will take place on April 19th, 2022, at 12:00 CET/19:00 Beijing Time, duration 2.0 hours and everyone is invited.**

**Zoom link:** <https://bit.ly/3KBF8KM>

zoom number: 893 5139 0912

password: 975467

On the pages of this newsletter, you will find more information within the working group WHG09 that I invite you to read. This is the main information to consider, but there are many others that are equally relevant, to begin with, the notion of SBH, which was already the subject of a webinar and will be the subject of some others in the future.

Meanwhile, preparations are underway for AGA 2022, to be held in Thailand, by the end of October, please see more information in WG03- Study Tours.

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We are also organising our presence at AG 2023 in Sydney, Australia, talking with the organization, with the support of Susan Stepowski to get a good representation of ISCSBH at the event. More information can be found in WG03- Study Tours. Not forgetting all the other working groups where we include news about the current situation.

Hoping to meet your expectations, I wish you all a HAPPY EASTER, a good commemoration of the INTERNATIONAL ICOMOS DAY on April 18, and a good participation in our WEBINAR on April 19, 12:00CET, 19:00 Beijing time.



Maria José de Freitas  
President ICOMOS ISCSBH

## **WG.1 – Shared Heritage Notion**

### **Brainstorming Session**

Last year, on November 18<sup>th</sup>, 2021, WG1 successfully looked at the history and roots of our ISC during the webinar 'Shared Built Heritage: an evolutionary concept from the roots to the future'. The aim for this new year is to organise another public webinar, to be held after the summer (probably in the first half of October). In preparation for this second webinar, we are proposing a collective and collaborative brainstorming session. While we have always hoped to meet in person, we propose the session to take place in an online meeting, where we together decide on the future directions of our WG, namely the possible organisation of a non-virtual meeting at AGA 2022 (Thailand, in Udon Thani where the AGA will be held, or in Bangkok) and perhaps to launch a set of activities in preparation for the 2023 AG in Sydney.

We invite all members to share and present research you have been working on, with one or two study-cases, which then become the starting point for a more in-depth discussion on SBH issues. The first level of analysis, which the case studies can reflect, is the individual scale, such as a single building or site; and the second one is shared heritage at regional or global scale. We hope to contextualise the various case studies into broader theories and approaches to shared heritage and identify themes for the next open webinar. We propose this "group-brainstorming towards the next webinar" session to take place **4 June**, starting 12pm (CET) in Zoom:

<https://cnrs.zoom.us/j/99884611519?pwd=RE82cnVSSlo2dVRSZEw5aGpMQWlvZz09>).

Please feel free to send us your expression of interest or the case studies you would be interested in bringing for this brainstorming session.

## WG.2 – Members Book



We are happy to announce that we are having a new member now Dr. Joaquim Santos is a researcher and invited professor at the ARTIS - Institute of Art History, School of Arts and Humanities, University of Lisbon, Portugal.

We have altogether 69 members from 25 countries at present, and in 2021 and 2022 we have gained 11 new members, including 3 new Eps. We are still planning to produce a member's book, and for more information please click here:

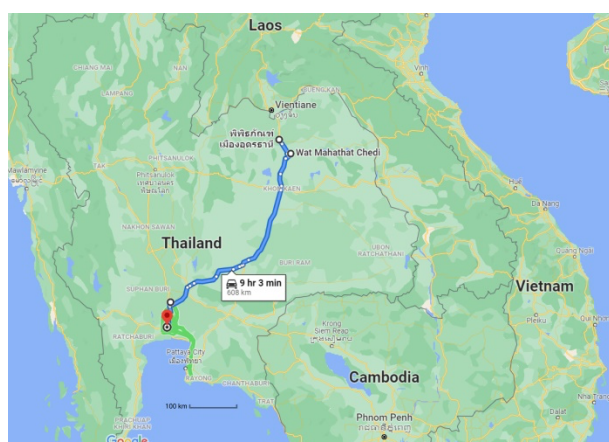
<https://jinshuju.net/f/aSbRMo> or share the following information directly to the Secretary General:

- (1) Your current research interest;
- (2) Your current work (Please introduce your current research/project(s) and your current interest on SBH or other fields of heritage conservation.);
- (3) Your new picture (Only jpg, jpeg, png, gif, bmp, psd and tif files are acceptable. Pictures that relate to your current work are preferable. Please don't choose the same picture as your profile photo);
- (4) Which working group are you currently in and which working group do you also like to join;
- (5) Other things that you want to share.

## WG. 3 – Study Tour

### 3.1- 2022 AGA- UDON THANI, THAILAND

The board is pleased to inform members that the 2022 AGA to be held in hybrid manner - physically in UdonThani, Thailand, with some programs that allowing in virtual platform. This will be at the last week of Oct 2022. To encourage more participation from members, we will arrange to have our SBH Thailand 2022 trip (6/7 days) after the 2022 AGA, and start from Udonthani, Thailand (the co-hosting organization for the AGA 2022). The scientific symposium will be led by PRERICO. Hence to plan forward, we will follow up with PRERICO if to include the SBH's activities into the 2022 AGA program, including venue for mini workshop at Udonthani.



*Figure 1:*  
SBH Study Trip 2022  
Udonthani – Ayutthaya - Bangkok

Below the tentative programs that outlined for the 8-Days ISCSBH Thailand Study Trip 2022 for your reference.

#### **DAY 1: 30 Oct 2022 (Sunday) – Udon Thani**

Visit Phrathat Don Kaeo - Lan Chang style pagoda like Pha That Luang of Vientiane, Lao

**Mini Workshop 1:** Religious Heritage

#### **DAY 2: 31 Oct 2022 (Monday) – Udonthani to Ayutthaya**

Visit Museum (Muang Udonthani Museum - 1920 Neo-Palladian style building  
Travel to Ayutthaya by Bus/ Train (7hr30min)

#### **DAY 3: 1 Nov 2022 (Tuesday) - Ayutthaya**

Visit Hollanda, Portugues Settlement, French Settlement

**Mini Workshop 2:** Relation with Dutch, Greek, France, Portuguese

#### **DAY 4: 2 Nov 2022 (Wednesday) – Ayutthaya**

Visit Baan, Bang Pa-in Summer Palace, Wat Niwet

#### **DAY 5: 3 Nov 2022 (Thursday) - Bangkok**

Travel to Bangkok by Bus/ Train (2hr30min)

Visit Religious Heritage: Wat Ratchabophit, Immaculate Conception Church, Luang Kocha Isaak Mosque, Assumption Cathedral, Saint Francis Xavier, Protestant Cemetery

**Mini Workshop 3:** The meaning of SBH in Thailand (partner with Chulalongkorn University)

**DAY 6: 4 Nov 2022 (Friday) – Bangkok**

Visit Royal Palaces and Mansions: The Ananda Samakhom Throne Hall, The Chakri Prasat Throne Hall in Grand Palace, Phya Thai Palace, Thewarat Sapharom Hall, Varadis Palace, Vimanmek Mansion in Dusit Palace, Parusakawan Palace, Phra Ram Ratchaniwet

**Mini Workshop 4:** Best practices and Guidelines that can be shared and adopted at local level. Adaptive reuse - successful examples on planning, craftsmanship, use and maintenance) (partner with Silpakorn University)

**DAY 7: 5 Nov 2022 (Saturday) – Bangkok**

Visit: to some of the heritage buildings under their rehabilitation in Thailand (under EU Team)

Visit to Commence and Trade: Residence Ambassador of France, Embassy and Residence of Ambassador of Portugal, First Post & Telegraph Office, Former Ministry of Commence (Museum of Siam), Former Royal Mint (National Gallery), Former John Sampson Store (Kind Prajadhipok Museum), British Club, Former Bombay Burmah Trading Company (Blue Elephant), Office of East Asiatic Trading Company

**Mini Workshop 5:** The 'Values' in conserving these heritage buildings in Thailand (Partner with EU Team / EUNIC (European Union National Institutes for Culture in Thailand))

**DAY 8: 6 Nov 2022 (Sunday) - Bangkok**

Visit Technologies and Transportation: Thai Belgian Bridge, Railway Station, Maen Si Water Pumping Station, East Asiatic Company Warehouse, Royal Bangkok Sports Club

**Mini Workshop 6:** The SBH (along the Chao Phraya River) and Climate Change (Partner with Luc Citrinot & Tourism Authority of Thailand (TAT)).

We are only limiting to **20 pax** maximum for the group for study trip, and let us know your intention to join the study trip by sending us email informing your intention. We shall finalize the date and program by end-July 2022, the final confirmation of list of participant for the trip is by showing us your flight booking and/ or accommodation at Udonthani/ Ayuttaya/ Bangkok.

Coordinators for WG3:

Dr Goh Ai Tee at [atgoharchitect@gmail.com](mailto:atgoharchitect@gmail.com)

Prof Dr Romeo Carabelli at [romeo.carabelli@gmail.com](mailto:romeo.carabelli@gmail.com)

Do start to block your schedule if you are planning to join the AGA 2022 in Thailand including the study trip, and send us your intention for our compilation of work.



### 3.2- ICOMOS GA 2023- SYDNEY, AUSTRALIA

We are also organising our presence at AG 2023 in Sydney, Australia, talking with the organization, with the support of Susan Stepowski to get a good representation of ISCSBH at the event.

Please see in <https://icomosga2023.org/>

In order to plan for a possible post conference tour, ISCSBH needs to know by **30<sup>th</sup> April 2022**

- a) who intends to come to Sydney and
- b) who would be interested in a specific SBH tour.

*Please reply to the brief survey below by **30 April 2022**.*

FAMILY NAME .....

FIRST NAME .....

Email .....

LANGUAGE – English French, Spanish

MEMER OF SBH – expert, associate, institution, other

I INTEND TO COME TO SYDNEY FOR THE ICOMOS GENERAL ASSEMBLY IN NOVEMEBR 2023 – yes, no

I AM INTERESTED TO JOINING A SBH TOUR AFTER THE GENRAL ASSEMBLY – yes ,no

Coordinators for WG3:

Dr Goh Ai Tee at [atgoharchitect@gmail.com](mailto:atgoharchitect@gmail.com)

Prof Dr Romeo Carabelli at [romeo.carabelli@gmail.com](mailto:romeo.carabelli@gmail.com)

### WG.4 – Virtual Tour

Further to the newsletter #3 2021, it is decided to have Thailand Study Tour 2022 as pilot project of WG4 for exploring the effectiveness of using Google My Maps as interactive tool to record and disseminate the information pertaining to SBH.

The weblink for the map (draft) for ISCSBH Thailand Study Tour 2022 is

<https://www.google.com/maps/d/viewer?mid=19mRjhRorSFGs-KeRunovFSy0eZzXIWtg&ll=13.748256766530556%2C100.53023211339857&z=13>

We hope member who are interested to work and explore the interactive online database system to show their interest to the Working Group coordinator. So that we can start to expand the database of the SBH in Thailand.

## WG. 8 – Activities and Events

### CCCM Conference – Lisbon, China, Macau

ICOMOS ISCSBH representatives at the CCCM conference

During the Spring Conference organized by the Macau Scientific and Cultural Center (CCCM), from 9-12 of March, President Maria José de Freitas and Emerging Professional Mariana P. L. Pereira presented their research on shared tangible and intangible heritage. Maria José de Freitas looked at "Climate Change and Immovable Heritage in Macau: Impact Mitigation", showcasing the vulnerability of cultural heritage and urban development to the impacts of climate change. Mariana P. L. Pereira presented on "The Macanese 24 of June celebrations in Portugal", focusing on how heritage practices change through community displacement and how multiple versions of history are sustained and accepted in the absence of official heritage narratives.

The CCCM was established to disseminate and promote knowledge about Macau, namely as a platform between Portugal and China. The presence of ICOMOS ISCSBH members at the Conference was vital, not just to spotlight shared heritage as a core process and manifestation in identity constructions resulting from the encounter of different cultures; but also, to raise awareness on the need to further research shared heritage as an enabler of sustainable development.



### ICOMOS ISCSBH - Malaysia

Members of the ICOMOS ISCSBH are pleased to invite you to a 3rd Webinar featuring three (3) New Villages in Malaysia on **16 April 2022 (Saturday), 10.00 am - 12.00 pm. (GMT +8)**

You are invited to a Zoom webinar.

When: Apr 16, 2022 10:00 AM Kuala Lumpur

Topic: ICOMOS Malaysia New Village Working Group Talk Series #3

Please click the link below to join the webinar:

<https://us02web.zoom.us/j/84161629503?pwd=SIE0Z2liNGtXWG1pMURqSk5vWHVmQT09>

Passcode: 236385

Moderated by Ar Tiong Kian Boon (President, ICOMOS Malaysia 2022-24), the session will look into the three (3) New Villages, the formation and development that leading to community spirit and cultural heritage. All three (3) selected New Villages presented in this

webinar are planned new village, resulting from the Briggs Plan introduced by the British Government in Jan 1951 during the 'Emergency' (1948-1960). Over 450 New Villages were formed under regroupment and/ or relocation around the fringe of towns and rural areas. This move has changed the traditional linear form of development along main transport route, and sprawling rural community in rural area into organized communities. Some of these new villages were designed by town planners appointed by British Government. Thus, one can observe some associations of its layout and planning with garden city planning line concept introduced in Malaysia in the 1921.

Two (2) of ISCSBH members (Kenneth Wong See Huat and Ar Dr Goh Ai Tee) are presenting case studies on New Villages in Malaysia, and another member (Ar Tiong Kian Boon) moderating the webinar. Kenneth Wong will talk about New Kopisan New Village, and Ar Dr Goh Ai Tee talk on Cha'ah New Village - An Unique 'Rural' Cultural Landscape in Malaysia: Colonial Planning Idea with Community Architecture.

**Icomos Malaysia New Village Working Group talk series #3**



**Moderator:**  
**Ar. Tiong Kian Boon**  
President, ICOMOS Malaysia

**Speaker:**  
**Chin Song Kead**  
Curator, Chinese Heritage Museum of Negeri Sembilan  
Title of the Talk: *From Settlement to New Village, Negeri Sembilan*

**Speaker:**  
**Kenneth Wong See Huat**  
Founder, People Ideas Culture  
Title of the Talk: *New Kopisan New Village, Perak*

**Speaker:**  
**Ar. Dr. Goh Ai Tee**  
Principal/ Researcher, A T GOH ARCHITECT  
Title of the Talk: *Cha'ah New Village, Johor*

# NEW VILLAGES

Planned Villages?

**16 April 2022, 10:00 a.m.-12:00 (GMT+8)**

Live on Zoom & Facebook (Icomos Malaysia)  
E-Certificate of Attendance will be provided  
More info at <https://www.facebook.com/icomosMalaysia>

Organised by:  

Supported by: 

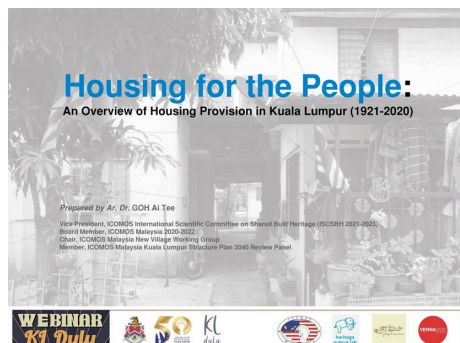
 SEMBRANI HOURS



## Members' Events



It was a 2 days event organized by Kuala Lumpur City Council and supported by ICOMOS Malaysia, Heritage Output Lab, Kaki Jelajah Warisan and Vernadoc Malaysia. Theme is 'KL Dulu'. Physical walking tour around the Kuala Lumpur historical centre and exhibition of measured drawings of House at Kampong Baru, Kuala Lumpur by Vernadoc Malaysia also part of the program. Our members Ar. Ahmad Najib Ariffin (Title: An Architectural Evolution of Shophouses in Kuala Lumpur) and Ar Dr Goh Ai Tee (Title: Housing for the People: An Overview of Housing Provision in KL (1921-2020) as guest speakers for the webinar.



## Call for papers



*Analytical sketch of the See Cathedral of Goa, India; draft over photography, Mário Chicó, 1951  
(source: Fundação Mário Soares)*

CALL FOR PAPERS



HERITAGE SAFEGUARDING IN COLONIAL TIMES

Seven decades have passed since the largest set of heritage interventions during the Portuguese colonial period was carried out. The public exposition of the remains of St. Francis Xavier in 1952 was a major event congregating Catholics from Goa, Daman and Diu and also attracting pilgrims from other parts of the Eastern world. Among the preparations for this celebration, several missions were sent to Portuguese India to study the cultural heritage of these territories, which had previously remained mostly unknown. A vast set of reintegration works was also carried out on the monuments of Old Goa by Portuguese technicians with extensive experience in heritage interventions in Portugal.

The focus of these interventions was basically on heritage with a Portuguese influence, replicating processes already applied for decades in the metropole. However, in other territories under European colonial rule – such as the British Raj or French Indochina – deeper studies and conservation works on pre-colonial heritage were carried out, which allowed for unveiling monuments and artistic pieces almost unknown, until then, by most people around the world. In some cases, the processes followed in colonial territories were introduced, to a greater or lesser extent, in the heritage debate within the metropole. The level and type of heritage action in the colonial territories ranged according to the colonial power and the cultural richness of those territories.

The next special issue of the journal *ARTisON*, to be released at the end of 2022, has **Heritage safeguarding in colonial times** as its theme. This special issue is the result of

collaboration between the ARTIS - Institute of Art History of the University of Lisbon and the ICOMOS ISCSBH - International Scientific Committee on Shared Built Heritage. The intention of this *ARTisON* issue is to reflect on the processes, ideologies, persons and institutions related to heritage safeguarding in colonial territories during the colonial period. Articles might include the subjects mentioned below or others considered significant to the issue's theme:

- Study missions on the cultural heritage in colonial territories;
- Heritage safeguarding works in colonial territories;
- Ideological instrumentalisation of cultural heritage in colonial territories;
- Legislation and institutions dedicated to the heritage safeguarding in colonial territories;
- Circulation of heritage theories and practices between metropolises and colonial territories.

Architects, art historians, archaeologists and other technicians, as well the concerned community, are invited to submit articles until **30 July 2022** following the *ARTisON* guidelines:

<http://www.artis.letras.ulisboa.pt/multimedia/ficheiros/publicacoes/Submissions%20-%20Author%20Guidelines.pdf>

By **30 September 2022**, the results of blind peer reviews will be announced to the authors. Proposals (only in English) should be sent to the following email addresses:

[revistaartison@letras.ulisboa.pt](mailto:revistaartison@letras.ulisboa.pt) and [joaquimr.santos@letras.ulisboa.pt](mailto:joaquimr.santos@letras.ulisboa.pt)

*ARTisON* is an open access journal indexed in the DOAJ, ERIH PLUS, CROSSREF, LATINDEX, CAPES, DRJI, MIAR and EBSCO.





## WG. 9 – Climate Change



Photo by Chan Hin lo

**WE WILL HAVE AN ONLINE SEMINAR WS #02 ON APRIL 19<sup>TH</sup>, 2022, AT 12:00 CET/19:00 BEIJING TIME, DURATION: 2.0 HOURS**

### **WS #02 - PRESERVATION OF SHARED BUILT HERITAGE IN DELTA RIVER CITIES & CLIMATE CHANGE MITIGATION**

***Greater Bay Area (GBA) including Macau, Canton & Hong Kong case-studies and other delta river cities examples***

#### **ICOMOS ISCSBH Focus Point on Climate Change Reboot – Preservation of Shared Built Heritage in Delta River Cities**

##### **I. ICOMOS ISCSBH Focus Point on Climate Change Reboot**

According ICOMOS Action Plan: Cultural Heritage and Localizing the UN Sustainable Development Goals (SDGs) published in July 2017, ‘The recognition, mainstreaming and effective contribution of cultural heritage as a driver and enabler of sustainable development in the process of implementing the United Nations Agenda 2030 and Sustainable Development Goals.’

“The Future of Our Pasts: Engaging Cultural Heritage in Climate Action - published in 2019 by the ICOMOS Climate Change and Heritage Working Group (CCHWG) defines “Heritage as Climate Action Asset”. Both urban development and built cultural heritage are extremely vulnerable to climate change.

In ISCSBH 2021-2023 triennial scientific seminars program, we propose **“Preservation of Shared Built Heritage in Delta River Cities & Climate Change Mitigations”** as the main triennial theme of our ISCSBH Climate Change Reboot program.

## **II. Webinar series topic statement:**

### **Preservation of Shared Built Heritage in Delta River Cities & Climate Change Mitigations**

The great River Deltas of the World are home to more than 500 million people. As our key case study in this webinar, the Pearl River Delta Metropolitan Region (PRD), now part of the “Guangdong-Hong Kong-Macau Greater Bay Area” (GBA) in Southern China has become one of the largest contiguous urban regions in the world. The 2020 *State of the World Cities report*, published by the United Nations Human Settlements Programme, estimates the population of the delta region at more than 120 million people.

In Pearl River Delta Region, climate change is estimated to cause important impacts on the regional economy, which represents nearly 10% of China’s GNP. Relative sea level rise, flooding and immersion risks make this region particularly vulnerable. In the southern part of the Delta, urban development is at risk because the land lies between - 0.3m to 0.4m relative to mean sea level (MSL).

According to the Intergovernmental Panel on Climate Change (IPCC) report, the Delta region including built areas such as the Historical Centre of Macau (UNESCO World Heritage, 2005) are also subject to more frequent and extreme climate conditions such as increase in the intensity of tropical cyclones and storms.

Cultural heritage management, especially in Delta River City-Regions is a key factor to preserve historical and cultural identity as well as touristic attractivity of these places that have since long time served as commercial crossroads and cultural melting pots.

“Climate change is a cross-sector, cross-domain subject which has far-reaching socio-economic and cultural impacts across the globe...Hong Kong’s Climate Action Plan 2030+ seeks to make Hong Kong a better and smarter place to live and work<sup>1</sup>.” Hong Kong has acceded to the Paris Agreement and will follow its reporting timeline. Hong Kong has developed the 4Ts (Timeline, Transparency, Targets and Together) as its operational framework.

Macau “bears witness to one of the earliest and longest-lasting encounters between China and the West, based on the vibrancy of international trade” (UNESCO). Monuments and cultural heritage such as former Sun Yat-sen dwelling have been through important restauration efforts to mitigate erosion and saltwater intrusion problems.

Shenzhen joins the list of cities that suffer from extreme weather conditions under climate change global impacts. Sudden rainstorms and flash floods are among overwhelming problematics and major risks that the coastal city encounters. In recent years, efforts are being made to combat the effects of climate change and congestion. The city is using artificial intelligence (AI) and building information modelling (BIM) in its planning tools for its “sponge city” initiatives, “district cooling plants”, to achieve the “goal of 100% green buildings”, to cut energy cost and to reduce pollution from traffic.



In short, as a particularly vulnerable place, delta city regions such as GBA (Greater Bay Area) area intends to respond proactively to the impacts of climate change. Besides technology, socio-economic and cultural aspects are key factors that heritage building preservation specialists need to embrace to cope with the upcoming changes. Sharing experiences, crossing expertise domains with planning and city management stakeholders are objectives of our ISCSBH webinar.

## **WS #02 - PRESERVATION OF SHARED BUILT HERITAGE IN DELTA RIVER CITIES & CLIMATE CHANGE MITIGATION**

### **PROGRAM**

**When: 2022-04-19    Time: 12:00 CET/19:00 Beijing time    Duration: 2.0 hours**

19:00 /19:10– STARTING-WELCOME SPEECH

ISCSBH President Ar. Maria José de Freitas

ISCSBH SG Dr. Ding Yuan

#### 19:10/ 20:00 - FIRST PANEL: HERITAGE AND CLIMATE CHANGE

19:10/19:30 – “Macao heritage conservation experiences and preventive response to adverse climate conditions”

Dra. Deland, Leong Wai Man, President of Macao Affairs Bureau

Ar. Jeff, Ho Cheuk Fong

19:30/19:50 - Climate Change and GBA Scientific Approach

Prof. Joseph Lee, Rector of MUST University, Macau

Panel moderated by Prof. Romeo Carabelli ISCSBH Vice President

#### 19:50/20:30 – SECOND PANEL: PLANNING FOR CLIMATE CHANGE IN GBA

19:50/20:10 – “Lessons of Climate Change Adaptation from GBA and Yangtze Delta in waterfront development”

Arch. Wu Xiaoli, Architect Urban Planner at

Dr. Ning Liu, ISCSBH Focal Point for Climate Change

20:10/20:30 – Potential Risks and Challenges in Greater Bay Area

Prof. Cristina Calheiros, St Joseph University, Macau

Panel moderated by Dr. Ai Tee Goh ISCSBH Vice President

20:30/20:50 – OPEN DISCUSSION/Q&A

Moderated by Romeo Carabelli and Ai Tee Goh

20:50/21:00 – END REMARKS/CLOSING SESSION

ISCSBH Focal Point for Climate Change Dr. Ning Liu

ISCSBH President Ar. Maria José de Freitas

### **III. WS #02 detailed information**

**Invited speakers bios & abstracts:**

#### **1- FIRST PANEL: HERITAGE AND CLIMATE CHANGE**

##### **1.1- Macao heritage conservation experiences and preventive response to adverse climate conditions**

Dra. Deland, Leong Wai Man, President of Macao Affairs Bureau  
Ar. Jeff, Ho Cheok Fong

**Dra. Deland, Leong Wai Man** - received her Bachelor Degree in Architecture from Taiwan Tung Hai University, then completed her Postgraduate Diploma in Architecture from Bartlett School of Architecture, University College London(UCL) in U.K., and received the Royal Institute of British Architects Part II validated qualification.

President Leong Wai Man has achieved a solid career path at the forefront of many challenging projects in the field of Cultural Heritage Conservation in Macao, gathering unique in-sight, expertise and leadership skills that are strongly focused on heritage best-practice conservation methods, the implementation of adequate adaptive re-use projects for historical buildings and the development of crucial heritage policies, including the “Cultural Heritage Protection Law of Macao” and the “Protection and Management Plan of the Historic Centre of Macao”. She has recently been appointed as the President of the Cultural Affairs Bureau of Macao S.A.R. Government and remains a central driving force in the continuous protection of Macao’s World Heritage and other local classified sites, also with substantial advancements in the development of the local Cultural Creative Industries, the promotion of Cultural and Art Activities, the modernization of the local Public Library system and other numerous on-going heritage conservation endeavours.

**Jeff, Ho Cheok Fong** - works in the Cultural Affairs Bureau of Macao SAR Government (IC) since 2012. He is now as the Chief of the Division for Cultural Heritage Conservation of the Department of Cultural Heritage. Working on the conservation, revitalization, and management work of classified immovable assets. Carrying out survey and inspection to safety status of the classified assets.

**Title - Macao Heritage Conservation Experiences and Preventive Response to Adverse Climate Conditions**

**Keywords:** Climate change; heritage conservation; typhoon; flooding; preventive response.

**Abstract** - Macao, as one of the Delta River cities, facing the challenges from severe weather, especially typhoon and flooding. It will be more challenges for low-lying and fragile heritage. In order to mitigate the above situations, the Cultural Affairs Bureau of Macao SAR Government (IC) launched different strategies for severe weather. For example, according to the forecast of typhoon and flooding, IC will build up temporary water blocking system, pumping system for low-lying heritage. After typhoon and flooding, IC will also send the inspection team to check the situation of all heritage buildings in Macao and launched restoration correspondingly. Those

strategies prevent the damage of heritage from severe weather effectively, and also keep and last the values of heritage.

## **1.2- Protection of MegaCity Landmarks from Climate-induced Coastal Flooding Risks through Engineering Innovation**

Professor Hun-wei Lee

**Prof. Joseph Hun-wei Lee** - the President and Chair Professor of the Macau University of Science and Technology, is a Fellow of the Royal Academy of Engineering in the UK and the Hong Kong Academy of Engineering Sciences. He is currently the President of the International Association for Hydro-environment Engineering and Research (IAHR).

**Title - Protection of MegaCity Landmarks from Climate-induced Coastal Flooding Risks through Engineering Innovation**

**Keywords: Coastal risks; climate change; urban flooding; sponge city; heritage protection.**

**Abstract** - Happy Valley is where Hong Kong all started. The Happy Valley race course is also a symbol of Hong Kong life – with over 150 years of heritage of horse racing as a gaming entertainment for the public. This talk will explain the climate change induced impacts on urban flooding, and how the coastal risks are mitigated through sponge-city like engineering innovations over the past two decades.

## **2- SECOND PANEL: PLANNING FOR CLIMATE CHANGE IN GBA**

### **2.1- Lessons of Climate Change Adaptation from GBA and Yangtze Delta in waterfront development**

Dr. Ning Liu & Arch. Wu Xiaoli, architects & planners

**Dr. Ning Liu** - is the holder of a PhD in Urban Sciences at Swiss Federal Institute of Technology in Lausanne, she is a specialist of climate change and urban resilience and has worked as project leader for major urban transformation projects such as master planning of Shanghai Zhenru and Wuhan Southlake subcenters in China, Rabat-Salé (UNESCO heritage site) redevelopment project and Casablanca ANFA Airport Rehabilitation Project in Morocco. Dr. Ning LIU is partner at Building For Climates architects in Paris. In 2022, their “innovating eco-construction for people” project in South Africa is finalist of UIA (International Union of Architects) 2030 award for UN 2030 Agenda for Sustainable Development.

**Arch. Xiaoli Wu** - has worked many years as Architect in Chief of Shenzhen Research Institute of Urban Planning & Design and serves currently as Chief Urban Planner for the most important seafront development area in Shenzhen, Greater Bay Area, China. As professor-level senior planner, she is also vice chairman of the 6th Shenzhen Women's Federation, member of the Planning Implementation Academic Committee of China Urban Planning Society.

**Title - Lessons of Climate Change Adaptation in Great River Delta Cities, examples from GBA (Greater Bay Area) and Yangtze River Delta**

**Key words - Climate change; river deltas; resilience; urban waterfront; industrial heritage.**

**Abstract** - Great River Deltas are home to more than 500 million people in the world. Under current challenges of climate change and social economic dynamics in these crucial areas, preserve the shared built Heritage in delta river cities and adopt measures of climate change mitigations and adaptations are of primary importance. How can the assets of river deltas and industrial heritage serve the purpose of resilience and transform our cities to a better urban future? By introducing resilient urban experimentations in Shanghai (Yangtze River Delta) and Shenzhen (GBA: Greater Bay Area), this talk is prepared by the duo of experimented urban planners in Chinese major metropolitan cities to address the current global challenges.

## **2.2- Green infrastructures towards resilient cities**

Prof. Cristina Calheiros

**Prof. Cristina Calheiros** - is Adjunct Professor at University of Saint Joseph, SAR Macao and Research Scientist at Interdisciplinary Centre of Marine and Environmental Research, Portugal (CIIMAR). She is Vice-President of the Portuguese National Association of Green Roofs. Her work focuses on the development of nature-based solutions towards sustainability of territories and as tools for climate change adaptation and mitigation.

**Title - Green infrastructures towards resilient cities**

**Key words - Nature-based solutions; climate change; climate adaptation; societal challenges; built heritage.**

**Abstract** - As it densifies the level of urbanization, the demand of space for building is higher as the need to protect the monuments and cultural heritage. Green infrastructures act as a structuring element of the urban landscape, supporting climate change mitigation and adaptation, intending to improve connectivity between territories, increasing permeability and promoting multifunctional areas, delivering at the same time several ecosystems services. They thus simultaneously provide environmental, social and economic benefits and help build cities resilience.

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## **WG. 10 – Emerging Professionals**

The EPS will soon be taking forward their new initiative 'Troubling Shared Built Heritage'.

The initiative seeks to explore pressing issues surrounding the understanding, identification, documentation, management and safeguarding of shared built heritage.

Does shared heritage, for example, entail shared responsibility? Or what should heritage policies look like to include community knowledge and intangible expressions in safeguarding 'shared built heritage'?

To explore these topics, a series of short interviews will be conducted to bring out the voices of ICOMOS members and other professionals who engage, both theoretically and in practice, with forms and expressions of shared built heritage.

The EPs hope to publish segments of the interviews in our newsletter and on LinkedIn.