

CO-INVENTING  
BUILT ENVIRONMENT  
AEA/ACSR Workshop Series 2020

ARCASIA Emergency Architects | ARCASIA Committee on Social Responsibility

# Social Responsibility in COVID-19 Pandemic

- Fast and devastating COVID-19 outbreak around the world was an unanticipated pandemic causing disruptions in all aspects of human's life and society.
- The most stable and advanced states in the world are vulnerable to COVID-19; thus, the most fragile ones deserve special attention.
- The phases of the pandemic have been dynamic. We continue to learn and adjust as it progresses.
- Through a series of workshops and webinars, ACSR & AEA aim to
  - Consolidate and simplify guidelines from official sources
  - formulate creative, innovative, and implementable guidelines for 3 groups: Architects and related professionals, Public authorities & Policymakers, General Public
- Focusing on practical use of guidelines to improve health and wellness of people and built environment.

# Roadmap



# TIMELINE



# AEA/ACSR Workshop Series

## WORKSHOP

- Among Experts & ACASIA country representatives:
  - Architects & Designers
  - City Planners
  - Healthcare Professionals
  - Policymakers
- 1. To evaluate, prioritize, sort out, and validate existing guidelines for AEA/ACSR Guidelines
- 2. To formulate new and creative ideas to extend the existing guidelines
- 3. To discuss the structure for AEA/ACSR Guidelines Booklets

## WEBINAR

- To disseminate of the findings to target groups
- To review and discuss the AEA/ACSR Guidelines for target groups

# TOPICS/QUESTIONS

		Booklet Topics/Chapters*	Booklet Series		
Private Domain	Short-Term	<ul style="list-style-type: none"> <li>i) How should we adapt and reuse existing home/office? This includes spatial and physical rearrangement in shared space such as home quarantine room.</li> <li>ii) What kind of space and design should we aim for to maximize Sanitization, both to people and space?</li> <li>iii) How do we adapt building infrastructure in high risk spaces/systems such as sanitary, AC, lifts?</li> <li>iv) How can building contribute to the psychological and physical well-being in this pandemic?</li> <li>v) How can building enhance safety to individuals and general public?</li> </ul>	Architects	Policymakers	Public
	Long-Term	<ul style="list-style-type: none"> <li>i) What do you think are the most important guidelines to design and operate facilities/rooms to prevent spreading viruses, proximity/distancing controls to create healthier homes (adaptive reuse/new building)?</li> <li>ii) How does building contribute to Hygiene management?</li> <li>iii) What should be done to prepare and manage future crisis?</li> <li>iv) What area are and how can we improve in psychology of architectural and interior designs for special need persons?</li> </ul>			
Public Domain	Short-Term	<ul style="list-style-type: none"> <li>i) What should be the behavioral guidelines: social distancing, risk-free social interaction, healthy living in public and how can design affect it?</li> <li>ii) What should we do with the guidelines for pandemic resilient design and planning of public places—schools, markets, commercial facilities, public spaces, neighborhoods, ventilation and drainage systems?</li> <li>iii) What should be done to ensure public safety— health, hygiene, risk management?</li> </ul>			
	Long-Term	<ul style="list-style-type: none"> <li>i) How do we prepare ourselves and the general public for emergency/crisis?</li> <li>ii) What are your comments on strength and shortfall on the existing pre-pandemic design and planning guidelines: architecture, urban design, urban planning, transportation systems</li> <li>iii) What are your thoughts on sustainable and risk-free design guidelines for urban and rural built environment: public spaces, schools, retails, social housing, high-rise facilities</li> <li>iv) What do you think the new urban life/New Normal would look like?</li> </ul>			

\* Booklet Chapters to be set and arranged later

# Panel of Experts

## Brinda Somaya

Principal Architect of Somaya and Kalappa Consultants (SNK), Mumbai, India

- Architect and urban conservationist
- Master of Arts and Honorary Doctorate, Smith College in Northampton, USA
- IIA's Baburao Mhatre Gold Medal for Excellence in the field of Architecture, 2014

## Dr. Suresh Kumar Chidambaram

Head of Department of Medicine, Hospital Sungai Buloh, Selangor, Malaysia

- PG Dip (Epid), London School of Hygiene and Tropical Medicine, UK
- Infectious Diseases Consultant, Hospital Sungai Buloh
- Visiting Infectious Diseases Consultant, National Heart Institute

## Associate Prof. Dr.-Ing. Panit Pujinda

President, Thai City Planners Society

- MD, Forum Co., Ltd., Bangkok, Thailand
- Founder and MD, MetroScape Co., Ltd., Bangkok, Thailand
- Associate Professor at Chulalongkorn University, Bangkok, Thailand

## Mrs. Sylvia Lam, JP

Director of Architectural Services Department, Hong Kong Special Administrative Region Government (HKSARG)

- HKIA Fellow, HKIA Board of External Affairs
- 'Corporate Intelligence' initiative at the Architectural Services Department
- Wide spectrum of projects including Dr. Sun Yat-Sen Museum, HK Children's Hospital, and recent Quarantine Camp for COVID-19