

GCP-NERPS Workshops 2020

Save the dates: 14-18 Dec 2020

Hiroshima University (Network for Education and Research on Peace and Sustainability) and Global Carbon Project (GCP)-Tsukuba International Office co-organize two back-to-back workshops on zero carbon urban development and urban climate resilience. The workshops bring together international researchers, several of whom are lead authors of the Six Assessment Report of the Intergovernmental Panel on Climate Change (IPCC AR6), to share their latest works on applications of Big Data and AI to low-carbon urban development, and contributions of smart city projects to resilience, particularly during the recent COVID outbreaks.

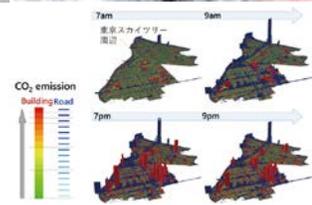
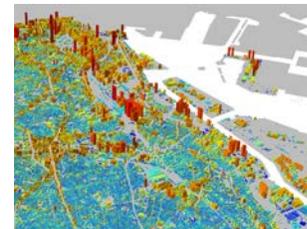


Important: This will be hybrid events. Participants not based in Japan will take part virtually. Please register to receive zoom link prior to the event: <https://bit.ly/2HsrTQz>

Dec 14-15: ZeroCarbon x Digital: Urban Decarbonization in the post-Covid-19 era

Climate action at the city level has received significant traction over the past few years following the increasing recognition of cities for achieving climate mitigation targets under the Paris Agreement. There is now consensus that major transformations across different sectors are needed if cities want to achieve the ambitious mitigation goals of the Paris Agreement. Such transformations are expected to highly rely on recent advances in smart solutions enabled by Information and Communication Technologies (ICTs), Artificial Intelligence (AI), and IoT (Internet of Things). However, they should be coupled with policy transformations to achieve optimal outcomes.

Against this backdrop, this workshop seeks to provide a platform for scientists and policy makers to discuss recent developments, particularly in the context of urban system design and renewable energies. Through facilitating science-policy interaction, the workshop aims to not only inform policy makers of climate actions that need to be prioritized, but also enhance researchers' awareness of societal needs and policy-related challenges and opportunities. This, in turn, would lead to stronger partnerships that can lead to developing more efficient and effective mitigation strategies for realizing decarbonization of cities.



Dec 16-18: Contributions of smart city projects to climate resilience

Smart city initiatives enabled by Information and Communication Technologies (ICTs) are deemed essential for helping cities to develop transformative solutions to address the challenges of global change and to create just, sustainable, and resilient communities. While a vast body of knowledge exists on the contributions of smart city projects to sustainability and quality of life, relatively little is known about their contributions to climate resilience and climate action planning. Accordingly, this workshop aims to bring together scholars and practitioners from several countries around the world to share knowledge on the actual and/or potential contributions for smart city solutions to climate resilience. Climate resilience in this context contributes to achieving climate change adaptation as well as mitigation objectives.



Smart City

