

Reducing embodied carbon in NYS

Mariane Jang, *Senior Policy Advisor, NYS OGS*

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Abstract:

This panel, made up of policymakers from NYS and NYC, will provide an overview of the embodied carbon guidance and specification issued in NYS and NYC to date and how various state agencies are implementing it. Additional speakers will include (subject to availability): NYC Mayor's Office of Sustainability, SUNY and SUCF, NYS DOT, OGS D&C, DASNY, and Port Authority of NY/NJ.

Presenter Biographies:

Mariane Jang leads the Division of Resiliency & Sustainability team's work on reducing embodied carbon, and mitigating climate risks to the state's capital assets. She most recently co-developed two sets of guidelines related to embodied carbon: to track the embodied carbon used in state projects and create a baseline to inform reduction strategies, and to set a framework for procurement of lower embodied carbon concrete on state projects.

Mariane has worked in the field of sustainability, climate resilience and policy for over 17 years. Her experience spans the private, non-profit, academic, think tank, philanthropy, and public sector. She's worked with a broad range of international organizations, both in the US and abroad, and most recently was part of the founding team at 100 Resilient Cities, funded by the Rockefeller Foundation which seeded Chief Resilience Officers in cities across the world. She has also authored several papers on climate risk, sustainable transport/transit-oriented development and the green economy.

Mikhail Haramati is the Carbon Neutral Buildings Fellow at NYSERDA, where she leads policy development on embodied carbon. She is the co-author of the Executive Order 22 guidance on embodied carbon for NY state procurement, and the LECCLA guidance for the use and innovation of low embodied carbon concrete. She has been with NYSERDA since 2020 where she has been part of the staff team supporting the NY Climate Action Council and Climate Act Scoping Plan and state buildings sector roadmaps. She has held positions with the CA CPUC, LBNL, and as a private consultant. Prior to joining NYSERDA, Mikhail led the Building Efficiency Research group at the CA Energy Commission, funding innovative technologies to reduce the energy use of buildings.

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