Topic: Smart City Governance

Proposed foreign investment in Greenland seeks to build a so-called “Freedom City” that maximizes use of smart city technologies. Additionally, domestic initiatives are in progress, specifically in Nuuk that aim to guide sustainable development of the city. It is therefore important to understand what this means in order to work from a position of strength as critical decision-making will impact residents for the foreseeable future. This session will examine a tech stack audit of several models in use around the world in order to share insights on considerations that may be appropriate for inclusion . Bodø, Norway represents a co-designed Arctic eco-city from which citizen-guided placemaking resulted in a community for the people, and by the people. Oulu, Finland has established itself as a winter mobility and edge telecom hub that specializes in continuous winter mobility tracking, sensor durability, and smart municipal utilities under extreme seasonal shifts. Cordova, Alaska is positioned as a leader in microgrid resilience modeling. Its remote coastal location successfully deployed a smart microgrid digital twin that monitors conditions in real time and enables reconfigurations based on weather extremes and load priorities. Upon examination of these locations, the presentation will conclude with recommendations on how to best proceed in an equitable manner to maximize benefits for all residents.



Nicholas Stover

Nicholas Stover is a recent graduate from the University of North Carolina at Chapel Hill with a master’s degree in city and Regional Planning. He has also recently earned a coveted AICP candidacy status from the American Institute of Certified Planners. It demonstrates commitment to integrity and ethical planning standards that aim to improve quality of life for all. His interests in planning as an independent researcher and practitioner include sustainable design and development, community resilience, and recovery strategies following exposure to natural and other hazards.



Tanveer Syed, Ph D

Dr Tanveer Syed is a legally blind RECENT GRADUATE OF THE Florida Institute of Technology, having completed his doctoral research in Science/STEM Education. His focus was on ways to improve low immersion virtual reality science lab simulations for low vision students of grades 6-12. He has also conducted and published research in Engineering Education. Dr Syed has finished his pre-college schooling in Abu Dhabi (UAE) and has earned his bachelor’s and first master’s degrees in biomedical sciences from the UK, before transitioning into science education, starting with a second master’s from the George Washington University, and eventually a doctoral degree from Florida Tech. He brings an extensive knowledge of a variety of educational systems, with a thorough understanding of their effectiveness and drawbacks. This makes him in a suitable position to speak on the subject of today."