

# Esri Community Development eBrief



## Smart City Digital Twins Are a New Tool for Scenario Planning

Planners need a more integrated way of simulating the complex potential futures of their cities. The American Planning Association's research director, Petra Hurtado, explains how GIS and virtual simulation of cities can help planners experiment with solutions to meet complex problems.

[Read the Article](#)**Share:**   



## Using GIS to Determine How, When, and Where Planning Designs Can Have a Lasting Impact

GIS provides your toolkit for transforming your planning designs and their impact. Explore the six things planners can accomplish for their community by using GIS.

[Download the Ebook](#)

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## GIS Literacy at the Core of Georgetown University's Graduate Program

GIS literacy empowers students with a data-enabled and place-based approach to urban problem-solving, and helps them develop market-relevant skills that will prepare them to respond rapidly to the unprecedented societal challenges urban planners face.

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## Esri UC Content and a Conversation with Jack Dangermond



## The 2021 Esri User Conference Content Is Now Available

Whether or not you attended the Esri User Conference (Esri UC), the recorded content is now publicly available. Explore the hundreds of tech workshops, sessions, and user presentations to inspire your work into the next year.

[See Esri UC Content →](#)



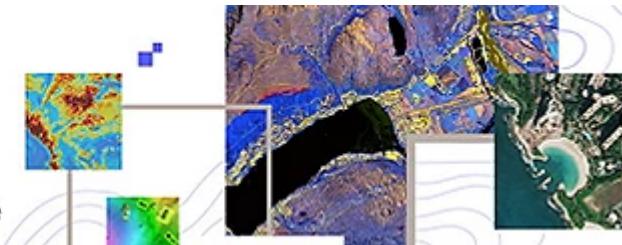
## Jack Dangermond on Multidimensional GIS and Equity

Founder and president of Esri discusses the way cities can utilize multidimensional GIS, how important mapping is for equity-focused organizations, and the interrelatedness of systems and policies.

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## How GIS Helps Chicago's Conversation on Racial Equity



Led by the chief equity officer, the city showcases how it's using data and GIS tools to spotlight the community's work on racial equity and spark conversation among residents.

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## Finding a Home for Solar: Kentucky Maps Prime Renewable Energy Sites



Kentucky Energy and Environment Cabinet uses GIS to find safe, effective sites for new solar energy projects while protecting local communities and the environment.

[Learn More →](#)

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The graphic features a central globe with a color gradient from blue at the poles to orange and red at the equator, representing temperature or climate data. Overlaid on the globe are various scientific and geographical elements: a network of blue lines and dots representing data connections; a small inset map of the world in the bottom left; a close-up view of a storm with white clouds and a brown landmass in the top right; and a circular inset in the bottom right showing a cross-section of Earth's crust with layers of rock and soil. The overall theme is the integration of GIS technology with oceanic, atmospheric, and geological data.

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