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Our Wicked (Sub)Urbanization Problems — Part 1

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ABSTRACT

How we choose as a society to build our cities will have profound effects on Earth's environment and climate for decades and centuries to come. In this video (Part 1 of 2) research ecologist Adam Terando, Ph.D. discusses the evolution and present realities of cities, and how choices we have made to prioritize development of automobile-centered suburbs have contributed to impacts on the environment and the climate. He also discusses modeling future cities and imagining future scenarios.

Adam Terando is a research ecologist with the U.S. Geological Survey at the Southeast Climate Adaptation Science Center located at NC State. His research focuses on the risks posed by climate and land use change to ecosystems, and the complex human-environment relationships that drive these processes. This includes understanding climatically induced changes to fire in the Southeast U.S., simulating suburban growth patterns, and developing ultra high-resolution climate projections for the U.S. Caribbean.

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Our Wicked (Sub)Urbanization Problems — Part 1 (Adam Terando)
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TRANSCRIPT**SUPPLEMENTAL MATERIALS**

1. Terando, A. J., Costanza, J., Belyea, C., Dunn, R. R., McKerrow, A., and Collazo, J. J. 2014. ["The southern megalopolis: using the past to predict the future of urban sprawl in the Southeast US."](#) PloS one 9(7).
2. Wagenbuur, M. (2013, December 12). [Amsterdam children fighting cars in 1972](https://bicycledutch.wordpress.com/2013/12/12/amsterdam-children-fighting-cars-in-1972/). <https://bicycledutch.wordpress.com/2013/12/12/amsterdam-children-fighting-cars-in-1972/>
3. Bicycle Dutch. (2013, December 12). [De Pijp, Amsterdam](#), 1972 [Video]. YouTube. <https://www.youtube.com/watch?v=YY6PQAI4TZE>