

## FRAMEWORKS: SOFTWARE INFRASTRUCTURE FOR TRANSFORMATIVE URBAN SUSTAINABILITY RESEARCH

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The NSF has invested in several strategic research efforts in the area of urban sustainability, all of which generate, collect, and manage large volumes of data. This project produces an enabling software infrastructure, SUSTAIN, that facilitates and accelerates discovery by significantly alleviating data-induced inefficiencies. The effort leverages a novel sketching algorithm to decouple data and information.



Industry Collaboration NEON ESRI and Google Earth

Federal Agencies
USGS, Forest Service,
USDA, and USACE



Urban Sustainability Research Community



XSEDE

Educate Science and Engineering Discovery Environment

Jetstream

SUSTAIN

NSF-funded Cyberinfrastructure



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