

Sustainable Communities Research

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 **Air Resources Board**

What makes Sustainable Communities?

- Safe, reliable, and affordable transportation choices that improve air quality, health, and reduce greenhouse gas emissions (GHG)
- Equitable and affordable energy- and location-efficient housing options
- Improved access to quality employment, education, and other resources and services

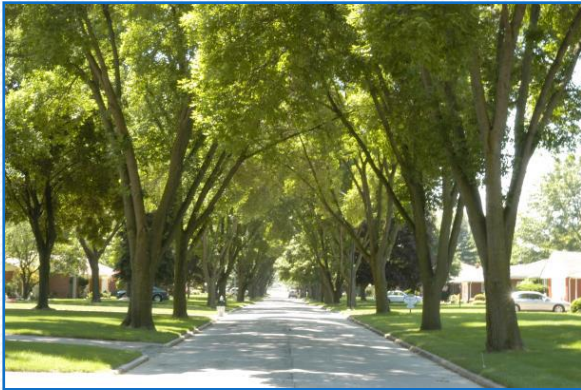


SB 375 and Sustainable Communities

- The Sustainable Communities and Climate Protection Act of 2008 (SB 375) supports the State's climate action goals to reduce GHG emissions through coordinated transportation and land use planning
- SB 375 directs ARB to set regional targets for GHG emissions reductions
- The State's metropolitan planning organizations will prepare and adopt a sustainable communities strategy with the guidance from ARB



Sustainable Communities Research



- Built environments
- Land use
- Transportation planning
- Green buildings
- Cool communities



Advancement in these research areas will help achieve the goals of AB 32 and SB 375, while meeting the current air quality standards

For more information, please visit:

<https://www.arb.ca.gov/research/sustainable/sustainable.htm>

Research Synthesis

- ARB published a technical advisory outlining “Strategies to Reduce Air Pollution Exposure Near High Volume Roadways”
- Information can be used to benefit public health and promote sustainable communities in California
- Office of Planning and Research is utilizing this technical advisory to develop General Plan Guidelines as a basis for future land use planning and developments

For more information, please visit:
<https://www.arb.ca.gov/ch/landuse.htm>

Today's Research Seminar

Identifying Urban Designs and Traffic Management Strategies for Southern California that Reduce Air Pollution Exposure

Principal Investigator

Suzanne E. Paulson (UCLA)

Co-Principal Investigators

J.R. Deshazo (UCLA), Akula Venkatram (UCR), Arthur M. Winer (UCLA) (Advisory Member)

Presenters:

Suzanne E. Paulson (UCLA)

Nico Schulte (UCR, former graduate student)

For more information, please visit:

https://www.arb.ca.gov/research/single-project.php?row_id=65135