



Project Overview

Dr. Yujuan Chen (Senior Manager of Urban Forestry Policy, TreePeople)

Dr. Richard Pouyat (Emeritus Scientist, U.S. Forest Service)



"Healthy Soils for Healthy Communities Initiative"

Phase One: Needs Assessment

Funded by Accelerating Climate Resilience, a sponsored project of Rockefeller Philanthropy Advisors



Suolo Sol Boden Soli

Tierra Soil 土壤

Ποχвы έδαφος Terra

Lupa ημητχ Pământ

التربة

“I am interested in soil because.....”





FACTS

Globally, about 95% of our food comes from soils.

Soils store and filter water improving food security and our resilience to floods and droughts.

Soils host 25% of our planet's biodiversity.

Soils store about three times more carbon than the world's vegetation and twice the carbon that is present in the atmosphere.

(FAO, 2015; Sheikh et al., 2009)

Los Angeles Times

The Exide plant in Vernon closed 3 years ago. The vast majority of lead-contaminated properties remain uncleaned



A battery plant released 3,500 tons of lead into Los Angeles. Now scientists have found lead in the baby teeth of local children.

Aria Bendix May 9, 2019, 6:05 AM



Climate Crisis



Connecting the Dots?





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Connecting the Dots?

**“Brown” infrastructure
for a more sustainable,
climate-resilient, and
equitable future for all.**

"HEALTHY SOILS FOR HEALTHY COMMUNITIES INITIATIVE"

Needs Assessment

1

Community Consultation +
Expert Meetings

Pilot Projects

2

Demonstration + Research

Scaling Up

3

Policy Changes +
Community Engagement

PHASE ONE: NEEDS ASSESSMENT

STEP 1 Determine the current status of Los Angeles's urban soil health

STEP 2 Identify current and long-term urban soil issues and community needs in Los Angeles

STEP 3 Provide a framework to move forward

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PROJECT TEAM

Dr. Yujuan Chen, Senior Manager of Urban Forestry Policy, TreePeople

Kenny Derieg, Waste Reduction and Recycling Specialist, TreePeople

Edith de Guzman, Director of Research, TreePeople

Chris Imhoff, Director of Program Development, TreePeople

Manny Gonez, Director of Policy Initiatives, TreePeople

Cindy Montañez, CEO, TreePeople

Dr. Susan D. Day, Professor and Program Director for Bachelor of Urban Forestry, University of British Columbia

Kevin Gaston, Director of Planning & Strategy, Mountains Restoration Trust - A TreePeople Affiliate

Dr. Richard V. Pouyat, Emeritus Scientist of U.S. Forest Service and past president of the Ecological Society of America

Dr. Erica L. Wohldmann, Professor, California State University, Northridge

STEERING COMMITTEE

Dr. Yujuan Chen, Senior Manager of Urban Forestry Policy, TreePeople

Dr. Susan D. Day, Professor of Urban Forestry, University of British Columbia

Lynn Fang, Operations Support, LA Compost

Dr. Daniel Hirmas, Associate Professor of Pedology, University of California - Riverside

Nicole Landers, Co-Founder & Executive Director, Community Healing Garden

Finian Makepeace, Co-Founder & Leadership Program, Kiss the Ground

Rachel Malarich, City Forest Officer, City of Los Angeles

Dr. Stephanie Pincetl, Founding Director and Professor-in-Residence, California Center for Sustainable Communities, UCLA

Dr. Richard V. Pouyat, Emeritus Scientist, U.S. Forest Service

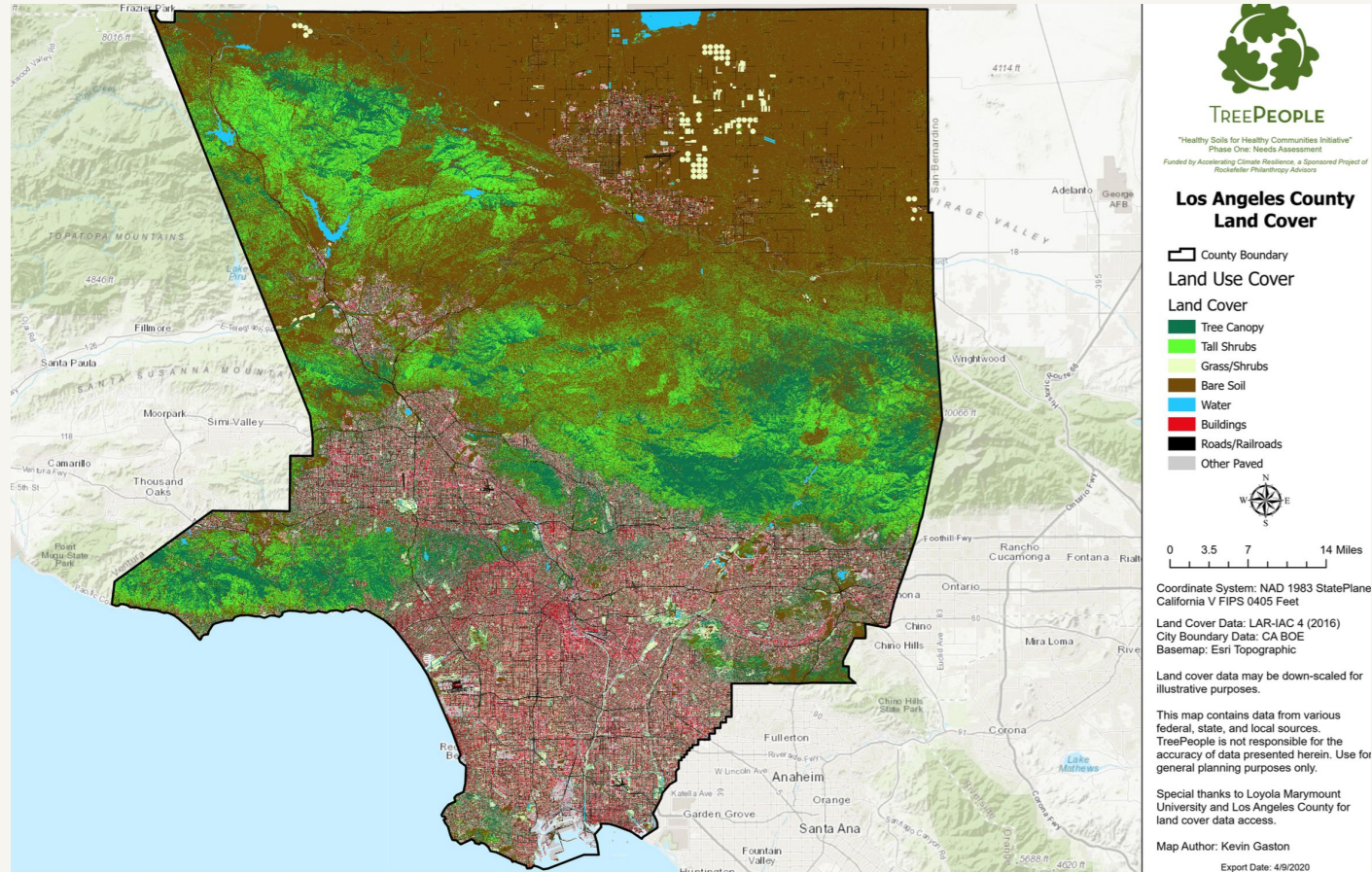
Randy Riddle, MLRA Soil Survey Office Leader and Soil Scientist, United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS)

Dr. Michele Romolini, Managing Director, Center for Urban Resilience, Loyola Marymount University

Dr. Kirsten Schwarz, Associate Professor of Urban Planning and Environmental Health Sciences, UCLA

Dr. Eric G. Strauss, Presidential Professor and Executive Director of Center for Urban Resilience, Loyola Marymount University

LA County Land Cover and Soil Data



Online Surveys & Focus Groups



LOS ANGELES URBAN SOIL SYMPOSIUM PRESENTATION SESSIONS

Morning



Dr. Richard Pouyat



Dr. Daniel Hirmas



Randy Riddle



Tatiana Morin

Lunch



Andy Lipkis



Irma R. Muñoz

Afternoon



Dr. Kirsten Schwarz



Dr. Susan Day



Dr. Sally Brown

FOOD FOR THOUGHT

What can your soil do for you?

What can you do for your soil?

How can we collaborate to achieve the above?



ACKNOWLEDGMENT

Funding Agency

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Team

Susan D. Day, Kenny Derieg, Lynn Fang, Kevin Gaston, Edith de Guzman, Daniel Hirmas, Chris Imhoff, Manny Gonez, Nicole Landers, Finian Makepeace, Rachel Malarich, Cindy Montañez, Richard V. Pouyat, Stephanie Pincetl, Randy Riddle, Michele Romolini, Kirsten Schwarz, Eric G. Strauss, Erica L. Wohldmann

