



Country / City

University / School

Academic year

Title of the project

Authors

United States / New York

The City College of New York / SSA

2017-2018

Pyrodiversion: Planning for Fire in the San Gabriel Valley

Sarah Toth





# PERFORMATIVE NATURE

Barcelona International Landscape Architecture Biennial

September 2018 **Barcelona**

SCHOOL PRIZE

X International Landscape Architecture Biennial

Máster d'Arquitectura del Paisatge -DUOT - UPC

ETSAB- Escola Tècnica Superior

d'Arquitectura de Barcelona

Avenida Diagonal, 649 piso 5

08028 Barcelona-Spain

## TECHNICAL DOSSIER

Title of the project	Pyrodiversion: Planning for Fire in the San Gabriel Valley
Authors	Sarah Toth
Title of the course	Comprehensive Studio
Academic year	S 2018
Teaching Staff	Catherine Seavitt Nordenson / Matthew Seibert
Department/Section/Program of belonging	Graduate Landscape Architecture
University/School	The City College of New York / SSA

Written statement, short description of the project in English, no more than 250 words

Pyro-diversion: Planning for Fire in the San Gabriel Valley responds to the ecological and anthropological needs of southern California by implementing a novel set of landscape strategies used to slow down, but not suppress, wildfires along the foothills of the Angeles National Forest. Vegetative and topographic treatments create a "fire-ready" landscape designed to keep communities safe while embracing the essential ecological processes of fire and debris flows.

For further information

Máster d'Arquitectura del Paisatge -DUOT - UPC

T: + 34 93 401 64 11 / +34 93 552 0842

Contact via email at: [biennial.paisatge@upc.edu](mailto:biennial.paisatge@upc.edu)

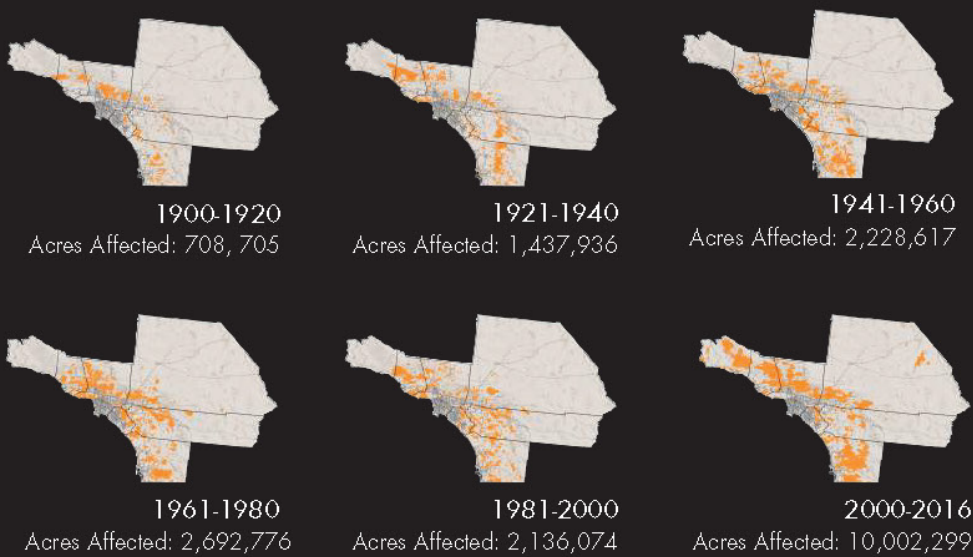
Consult the web page <http://landscape.coac.net/>



# Pyro-Diversion

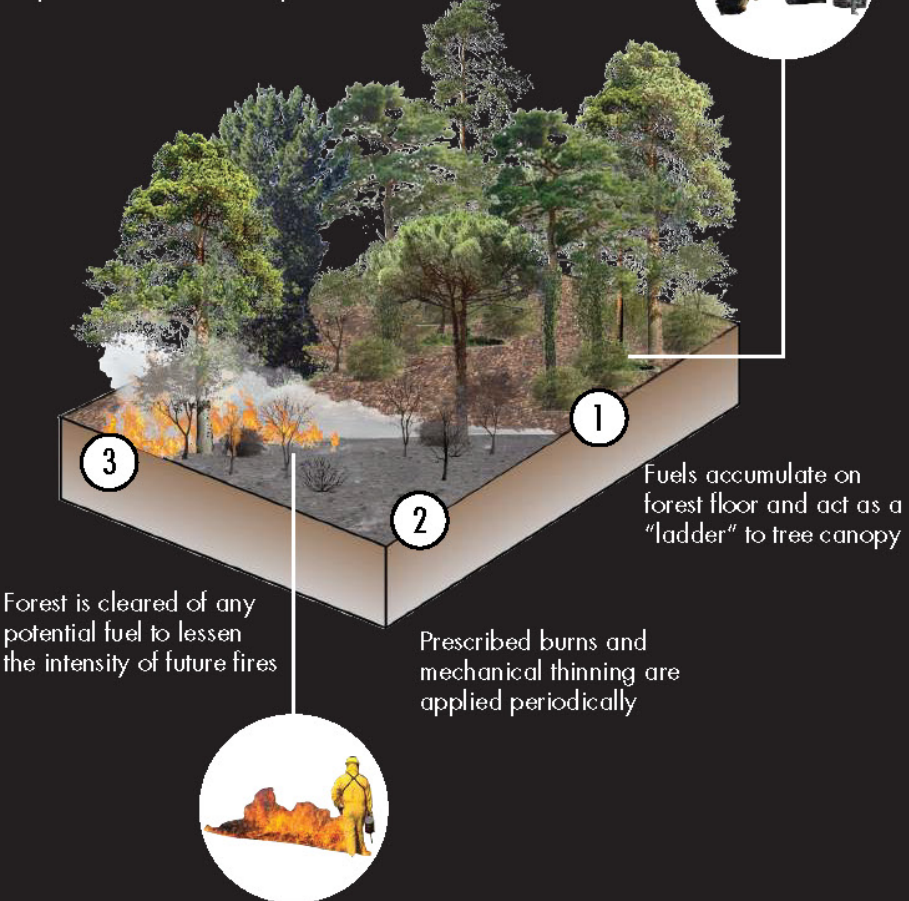
Planning for Fire in the San Gabriel Valley

## Historical Fire Perimeters

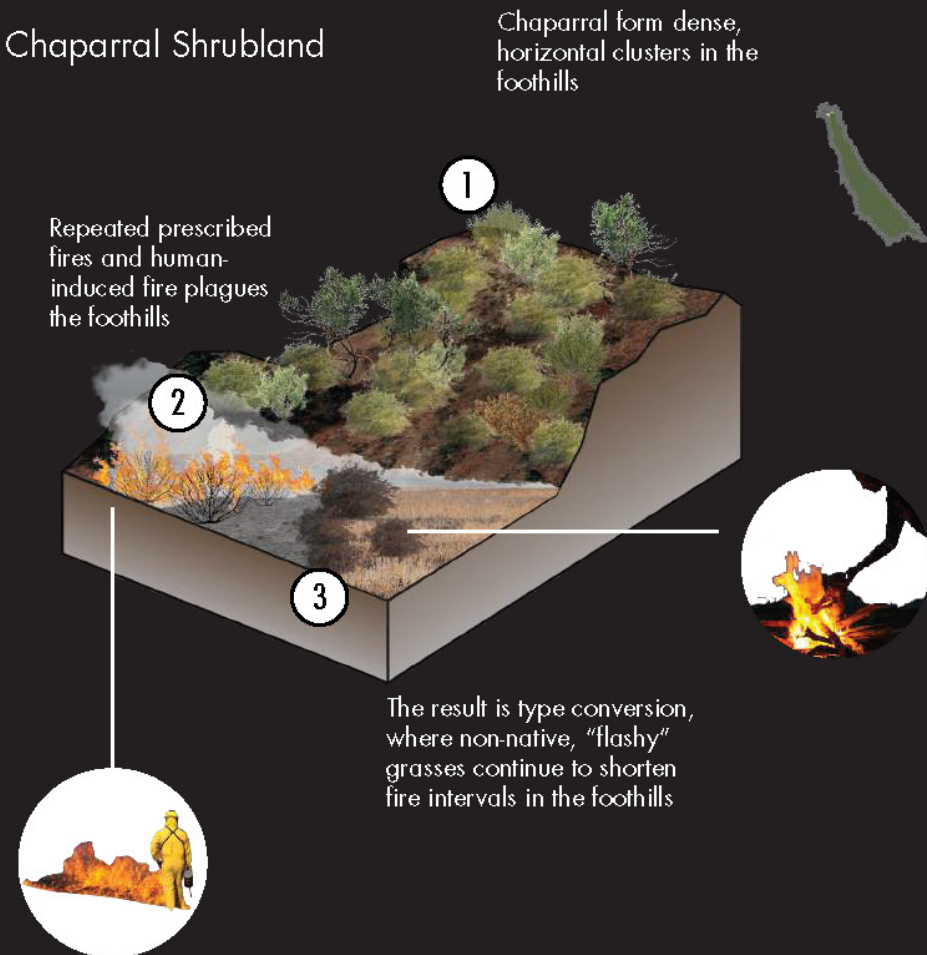


## Type Conversion

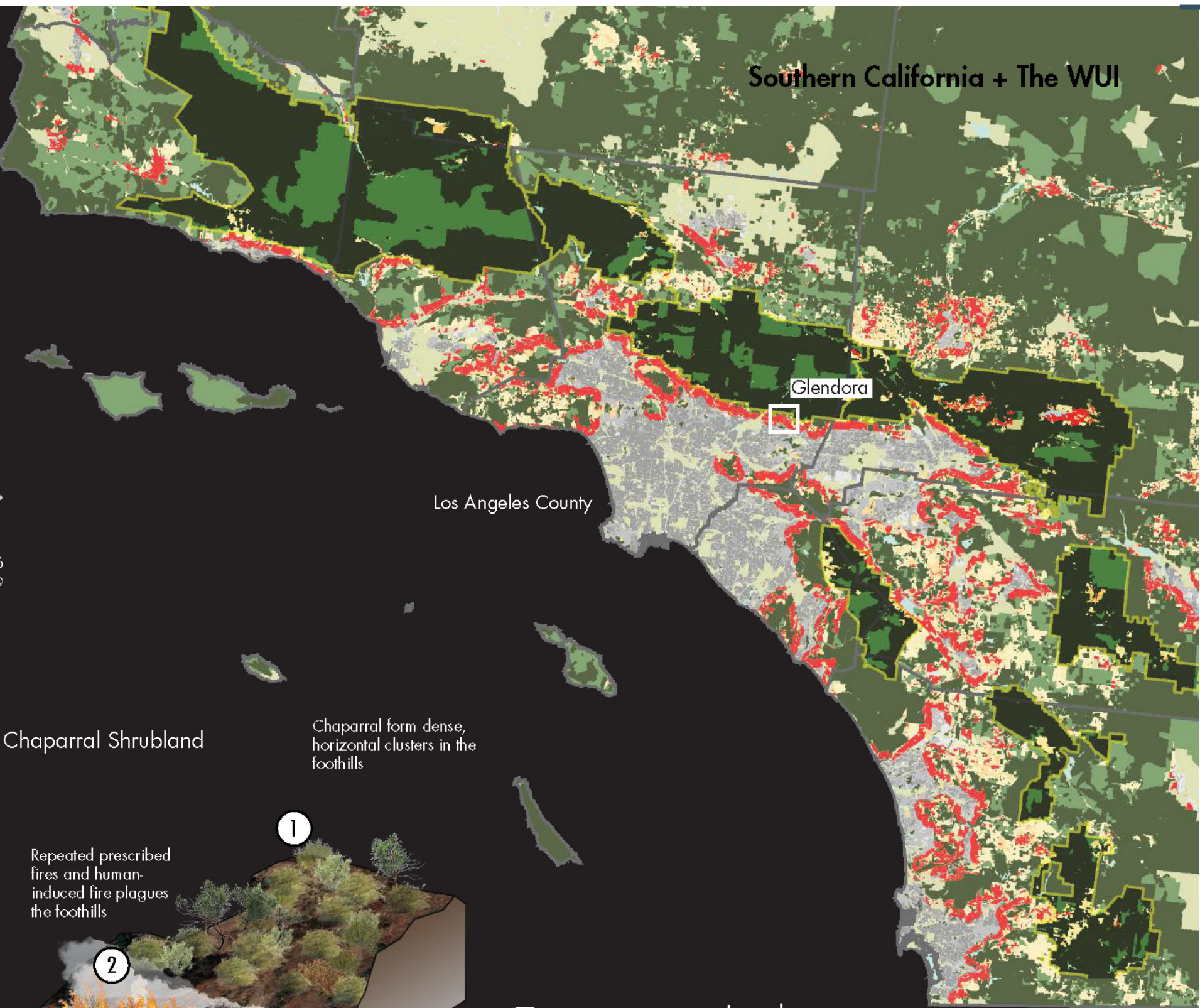
Alpine and Sub-Alpine Forest



Chaparral Shrubland



Southern California + The WUI

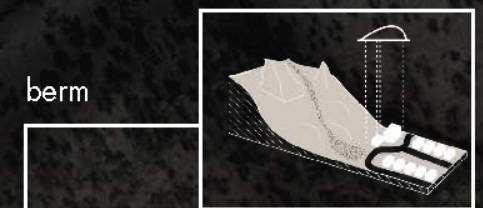
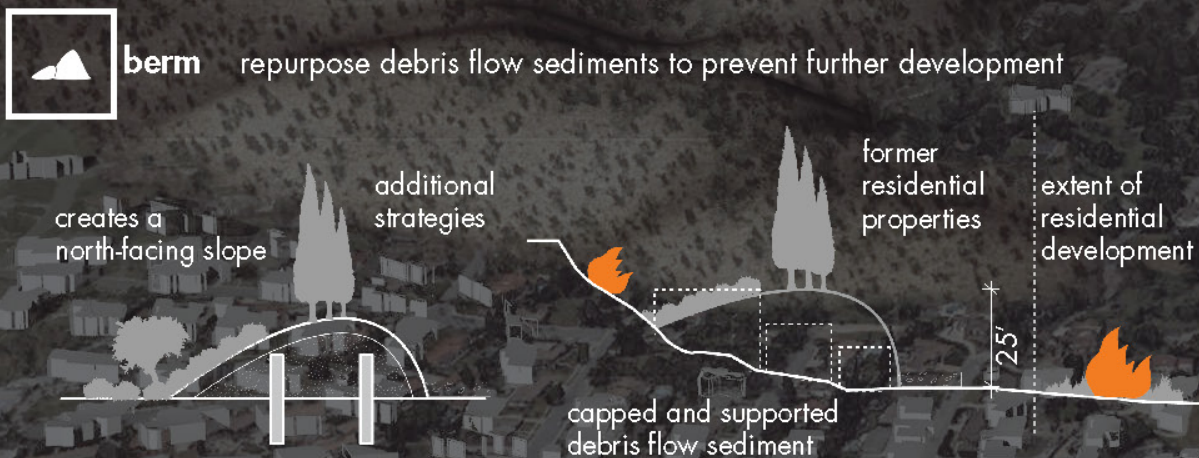
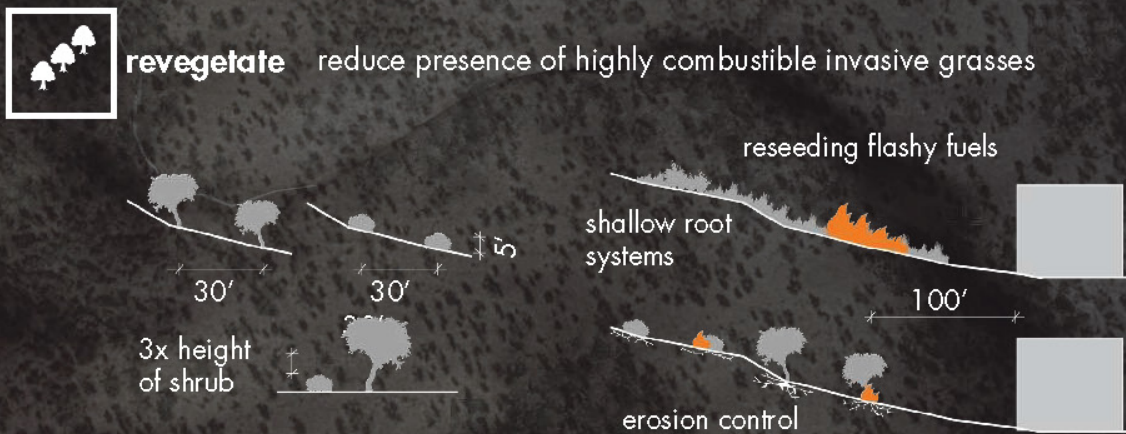
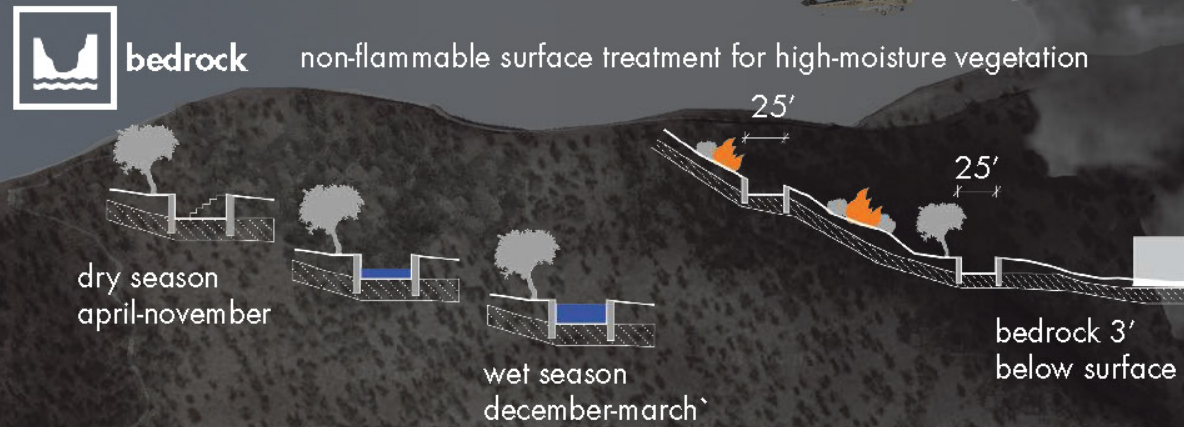
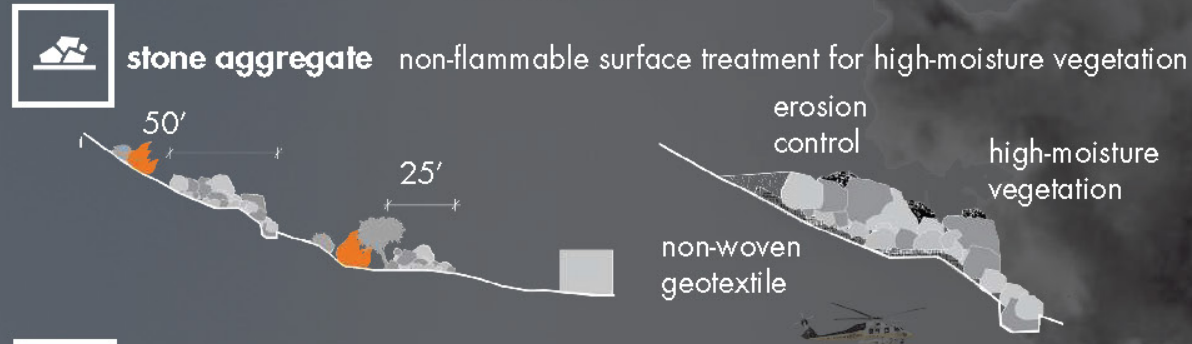


- Legend
- WUI communities
  - National forest boundary
  - Uninhabited vegetation
  - Urban
  - Uninhabited low density vegetation

0 140mi

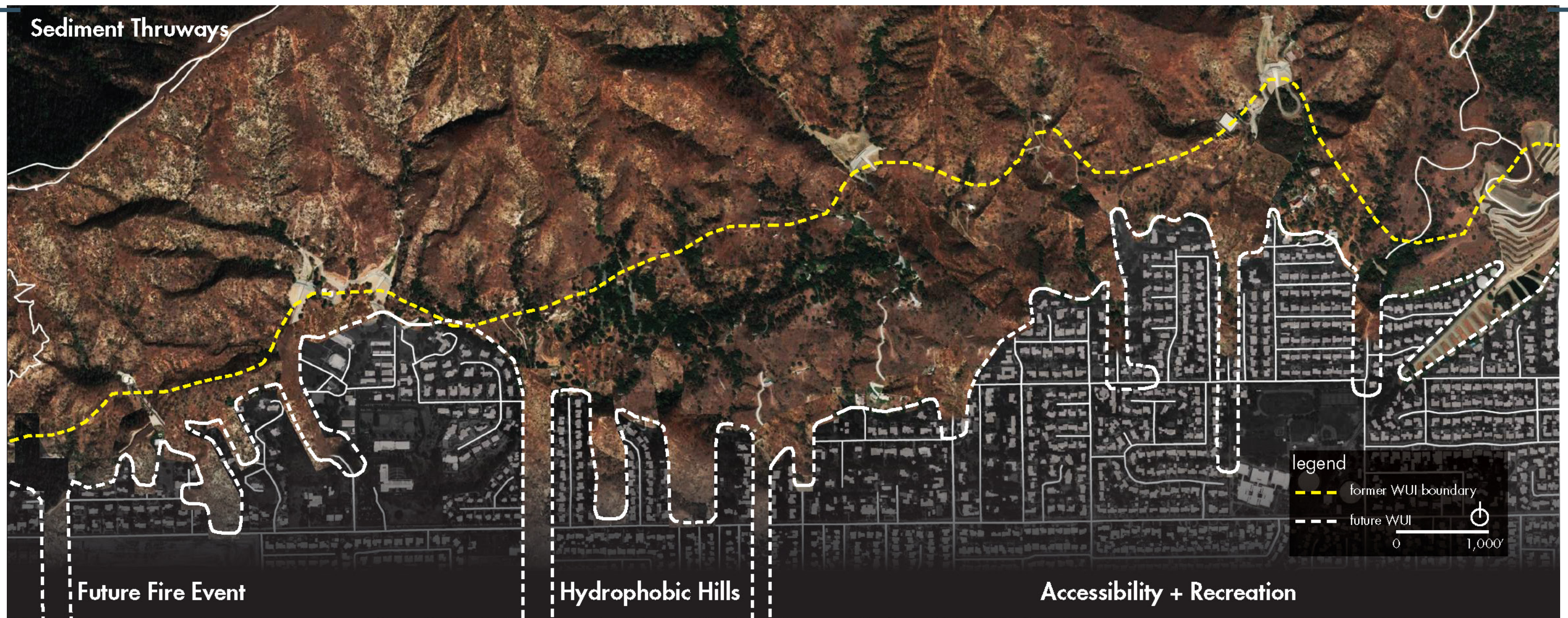


## Strategies + Deployment





Sediment Thruways



Future Fire Event

Hydrophobic Hills

Accessibility + Recreation

