



# An Overview of Urban Soil Best Management Practices

2nd Los Angeles Urban Soil Symposium  
Lia Soorenian & Devon Campos  
October 26, 2021

**TreePeople**

# Los Angeles Urban Soil Collaborative: Soil Connects Us All



# METHODOLOGY

- Literature Review
- Case Studies
- Interviews with Experts

## INTERVIEWS (13)

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ACADEMIA



NONPROFITS



PUBLIC AGENCY





# BEST MANAGEMENT PRACTICES (BMPs)

## Urban Soil

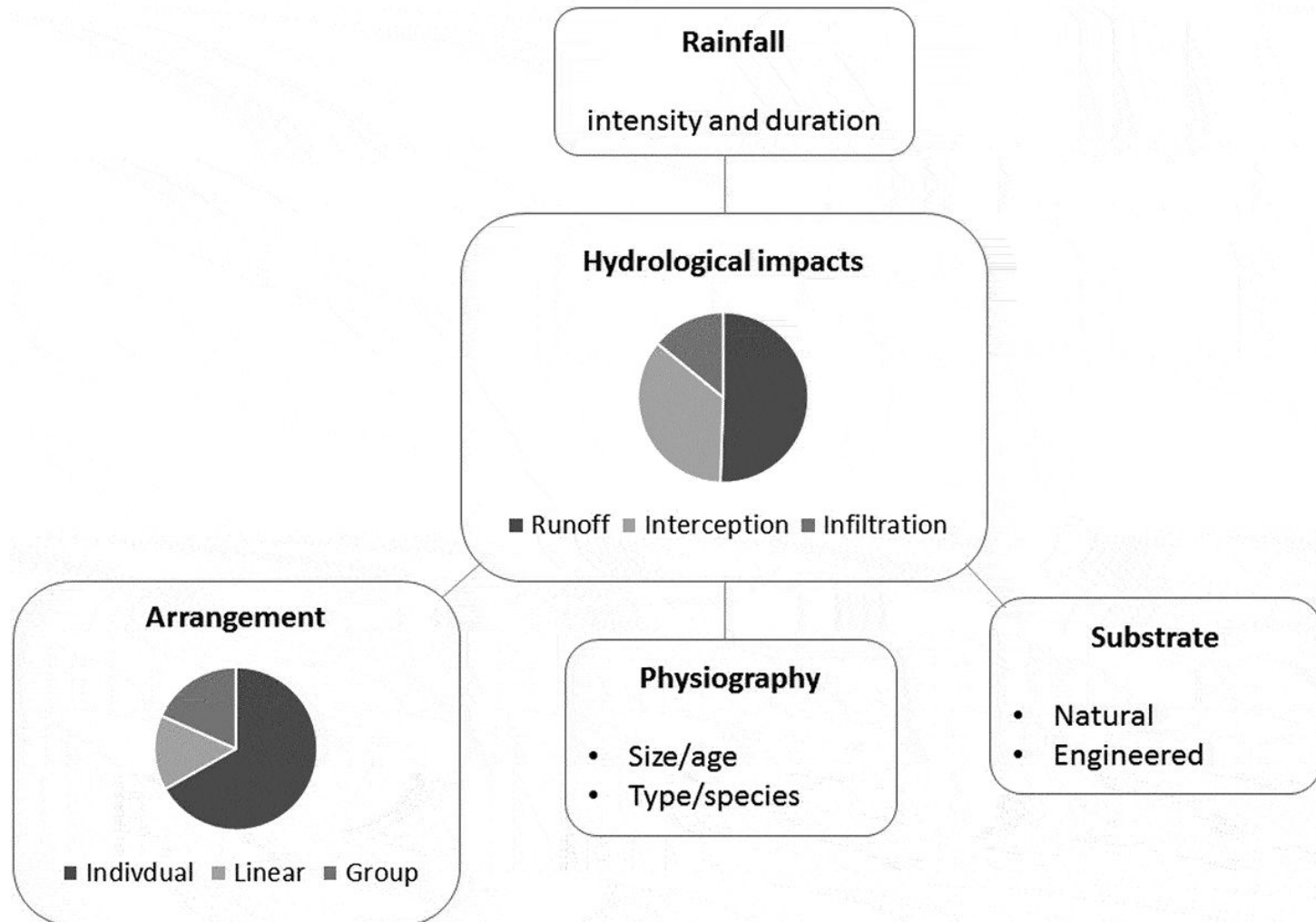
1. Tree Canopy
2. Urban Agriculture
3. Stormwater Management
4. Soil Remediation
5. Carbon Sequestration/GHG
6. Biodiversity



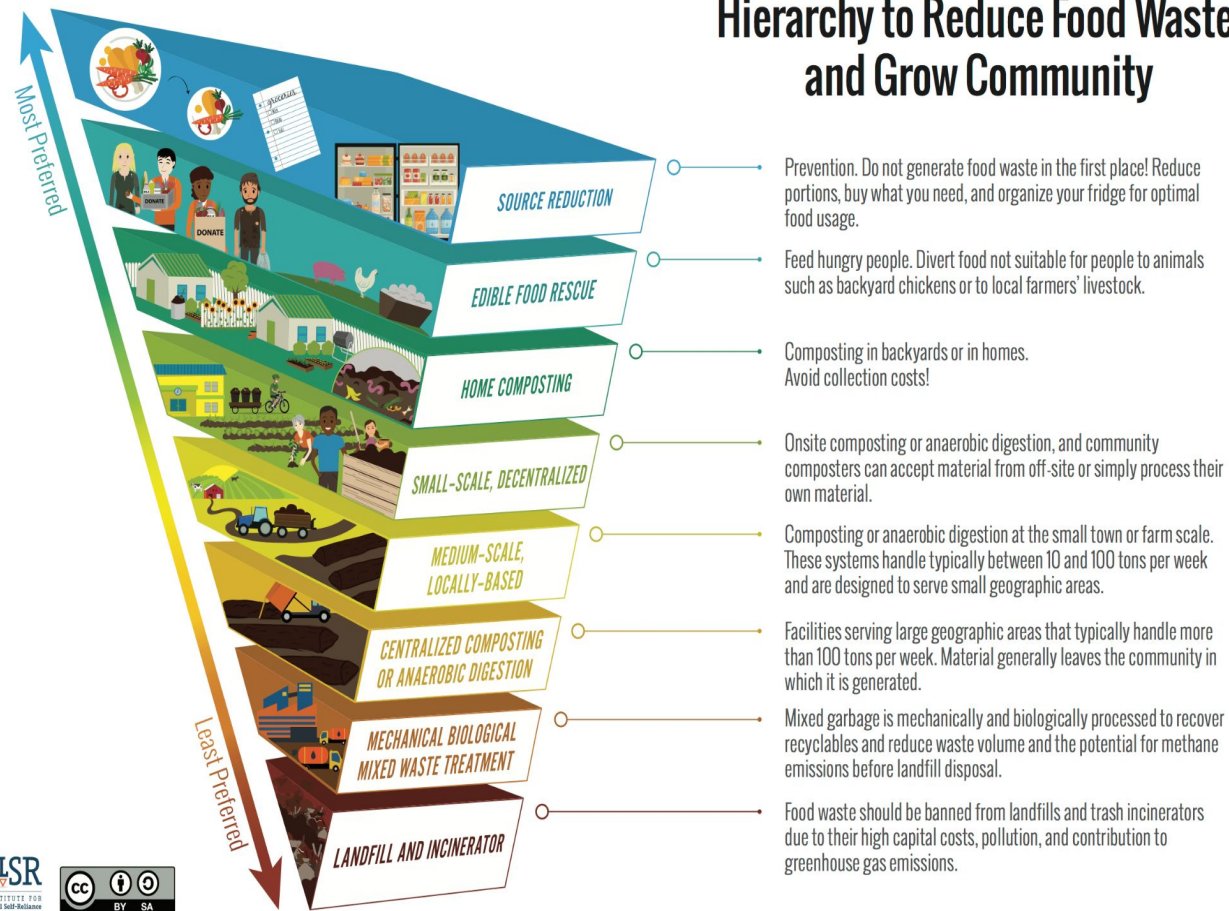
TreePeople, 2021

**BEST MANAGEMENT PRACTICES (BMPs)** - A practice or combination of practices, that is determined to be effective and of practical means of promoting soil health.

# BMPs: TREE CANOPY



# BMPs: URBAN AGRICULTURE





# BMPs: STORMWATER MANAGEMENT



Arlington County, 2021

# BMPs: STORMWATER MANAGEMENT

- Measure W and gray infrastructure in Los Angeles
- Over 50% of Los Angeles is impervious
- Incentivizing permeable surfaces





# BMPs: GHG / CARBON



LASAN, 2021

- How can we increase carbon in soils?
- LASAN - “Guidelines for applying Organic Soil Amendments in the City of Los Angeles”

# BMPs: SOIL CONTAMINATION



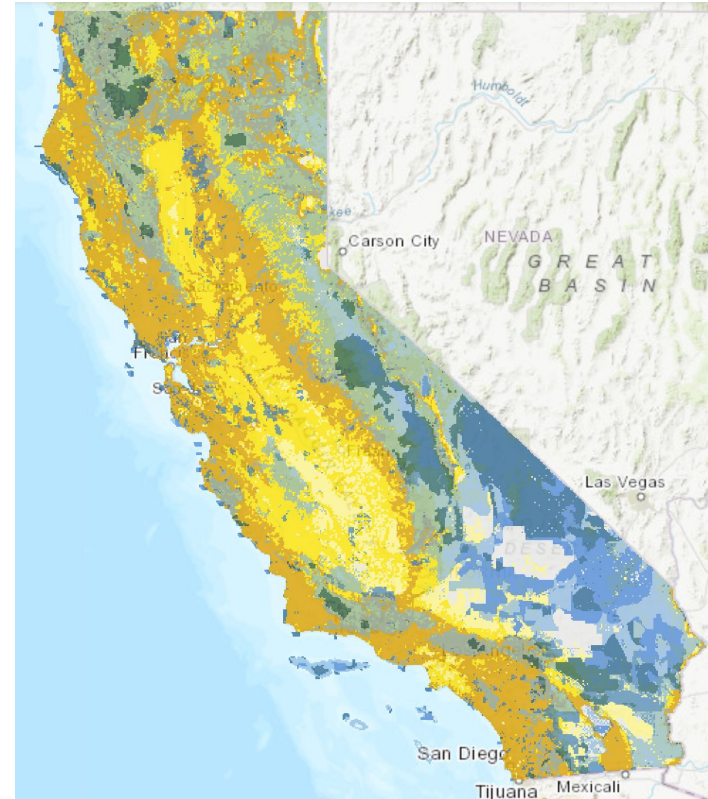
UC Agriculture and Natural Resources  
Photo: A. Baameur

- Soil contamination and public health
- Testing soils at brownfields and proposed urban agriculture sites
- UC Agriculture and Natural Resources “Soils in Urban Agriculture: Testing, Remediation, and Best Management Practices”



# BMPs: BIODIVERSITY

- The impact of soil on biodiversity
- “30 x 30” goal for CA
- Urban areas
- Soil community



Lindsay Rosa & Jacob Malcom, Defenders of Wildlife,  
Center for Conservation Innovation, 2021



# RECOMMENDATIONS

- BMPs overview
- Knowledge gaps
- Next steps







**THANK YOU!**

**ARLA**