



# CalRecycle Peer Sharing: How Jurisdictions are Implementing the SB 1383 Procurement Requirement Tuesday, May 3, 2022

## Compost and Mulch: Municipal Examples

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# Presentation Outline

- Regenerative Landscaping Principles and relationship to SB 1383
- Municipal Mulch and Compost Use Examples





# Regenerative Landscaping



# ReScape California



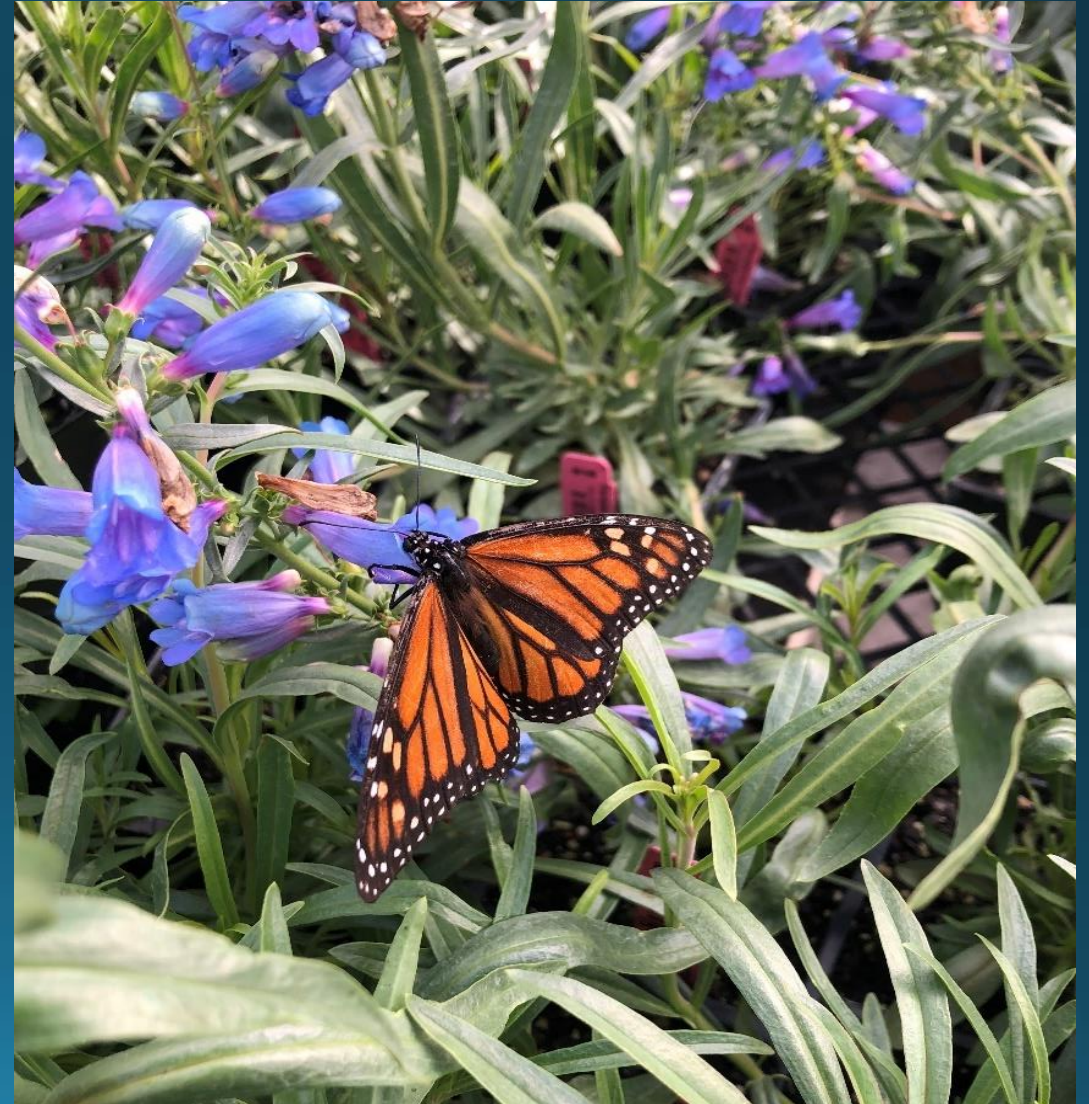
ReScape California's holistic and regenerative landscaping principles include:

- Using climate-appropriate vegetation and minimizing planting of intensive-resource landscapes such as turfgrass
- Using compost and mulch enhances fertility, soil structure, and improves nutrient and water retention; they inoculate the soil with beneficial organisms, and provide other benefits
- More information at: [www.rescapeca.org](http://www.rescapeca.org)



# Regenerative Landscaping Principles and SB 1383

- Soil conservation and restoration
- Fire prevention and restoration
- Avoiding pesticides and synthetic fertilizers
- Urban forestry
- Using compost and wood mulch



# Examples of Compost and Mulch Use

Municipal Policies and Programs to implement SB 1383



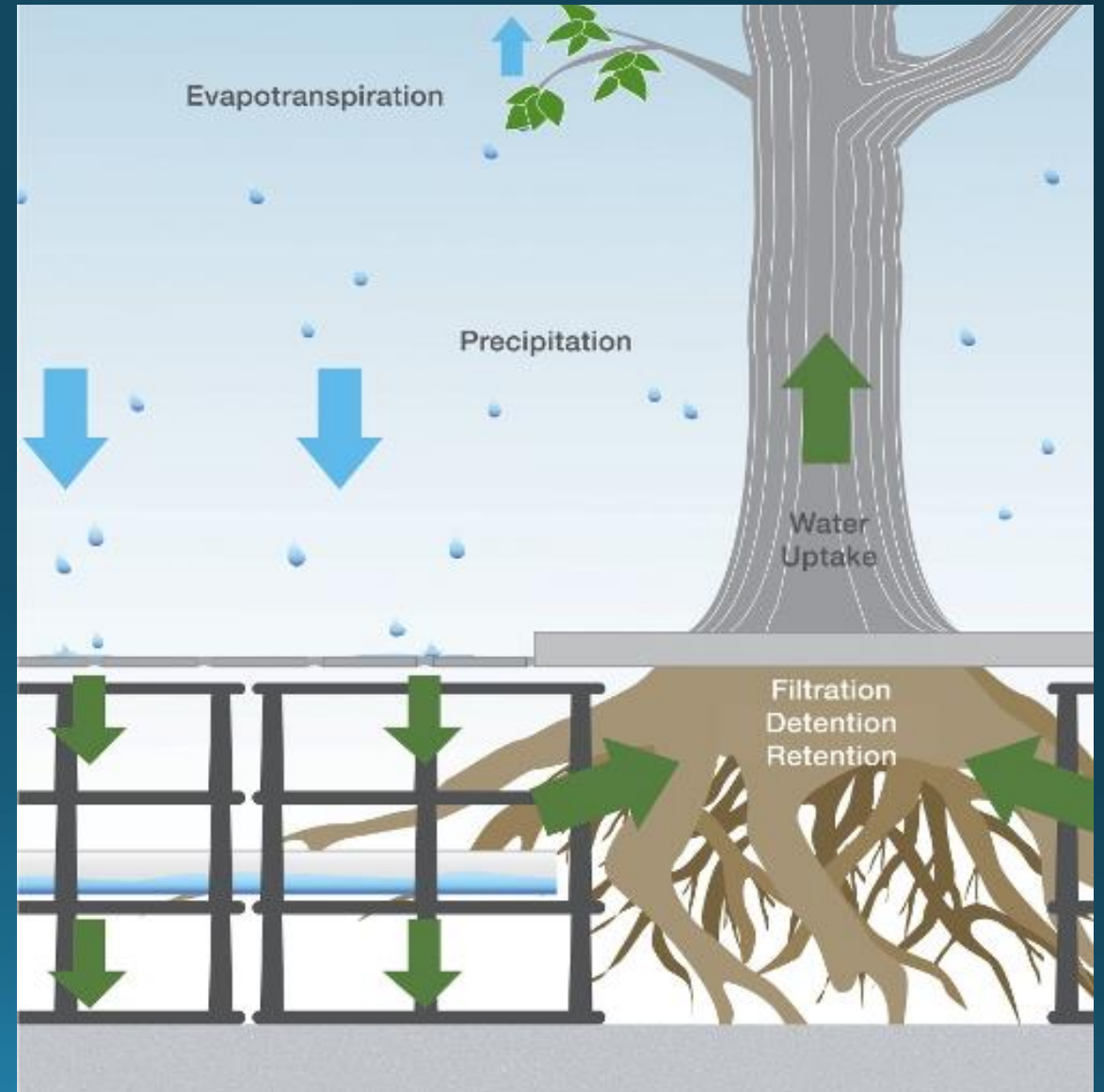
# Example 1: Changing Nitrified Soil Conditioner (NSC)

- Some municipal codes require NSC in landscapes
- It's not a regenerative landscaping practice
- Change to compost "per City standards"
- Comply with WELO



# Example 2: Changing Tree Planting Soil Volumes

- Trees don't have enough room to grow in urban environments
- Require minimum volumes of uncompacted soil per tree
- Change standard tree planting requirements to include 600, 900 and 1200 cubic feet per tree (small, medium or large tree species at maturity) with more compost and mulch





# Example 3: Require More Effective Construction BMPs

- Compost-based BMPs like compost socks are more effective than fiber rolls
- Change standard SWPPP requirements
- Watch this video!  
[www.youtube.com/watch?v=PQ\\_krMLJ4C4&t=5s](http://www.youtube.com/watch?v=PQ_krMLJ4C4&t=5s)







Compost makes up 30-40% of the Biotreatment Soil Media in this stormwater landscape. SF Bay Area specs require media that contains compost.

City of Campbell





Renovating a bioretention area in a parking lot with new plants, compost and mulch.

County of San Mateo





Finished  
renovation





# Composted Wood Mulch Benefits

## The composting process provides benefits:

- Inoculates mulch and soil media with beneficial organisms
- Holds more water
- Floats less (heavier and less resinous)
- Less flammable
- Reduces pathogens that might be in the mulch like Sudden Oak Death (*Phytophthora ramorum*)
- More credit under SB 1383!

The Biotreatment Wood Mulch (BWM) Specification can be downloaded from the SCVURPPP website:

<https://scvurppp.org/2021/07/01/biotreatment-soil-media-supplier-list/>



# Uncomposted Wood Mulch





# Composted Wood Mulch (BWM)





# Contact Information

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EOA, Inc. and SCVURPPP



*Mimulus aurantiacus* – Sticky Monkey Flower

