



DESIGNING A DROUGHT-TOLERANT DEMONSTRATION GARDEN

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LANDSCAPE ARCHITECTURE SENIOR CAPSTONE PROJECT 2017
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My project is about redesigning the front lawns of the city hall of the city of Vacaville in to a drought-tolerant demonstration garden and showing the public the beauty of this type of garden. And I also composed a book that recorded the whole design process so that others see how this garden is done. I am converting the traditional lawns into a water efficient and maintain-efficient garden by using drought-tolerant plants through careful plant selection and design.

*Full version:
https://drive.google.com/drive/u/1/folders/OB89X2_t5iuMYMEpZXF2MEwzZGc

Flowering Ground Covers:
Brighten the landscape and add pizzazz to landscape

Cape Weed (Arctotheca Calendula)
Mexican Daisy (Erigeron Karvinskianus)
Lantana (Lantana Camara)
Scaevola (Mauve Clusters)



Water is precious, not only we should protect the environment by using water wisely but it is a good financial decision. A large percentage of water is attributed to residential, public and commercial outdoor use for ornamental plants and lawns. There are ways to reduce the water use for outdoor ornamental plants and alternatives to replace the high water use lawn. This project at the Vacaville City Hall, California is aimed at redesigning the existing lawn areas in front of the city hall entrance into a more sustainable landscaping as well as a demonstration garden for educational purpose. The demonstration garden is targeting both lowering the financial cost of watering and maintain and also show the public how drought-tolerant landscaping can easily be lush and green. Study past case that shows how successful are ways to reduce the water use for outdoor ornamental plants and alternatives to replace the high water use lawn. This project at the Vacaville City Hall, California is aimed at redesigning the existing lawn areas in front of the city hall entrance into a more sustainable landscaping as well as a demonstration garden for educational purpose. The demonstration garden is targeting a list of drought-tolerant plant alternatives and showing the public how to go through careful plant selection and design according to the drought-tolerant landscaping principles for the project site in order to achieve the savings in water and maintenance costs.

