

The Color Wheel of Water Infrastructure & Quality: Integrating the Full Spectrum

Steven Moore, P.E.

CA State Water Resources Control Board

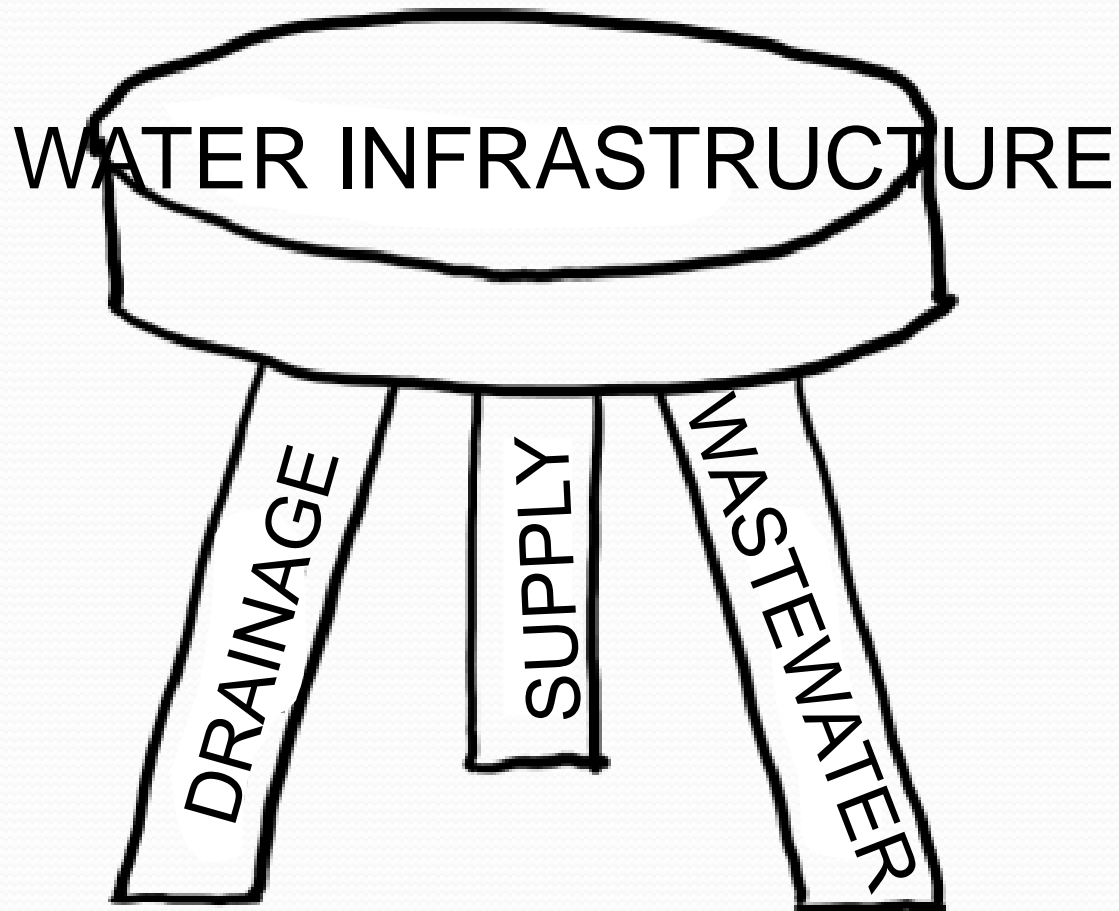
May 25, 2017



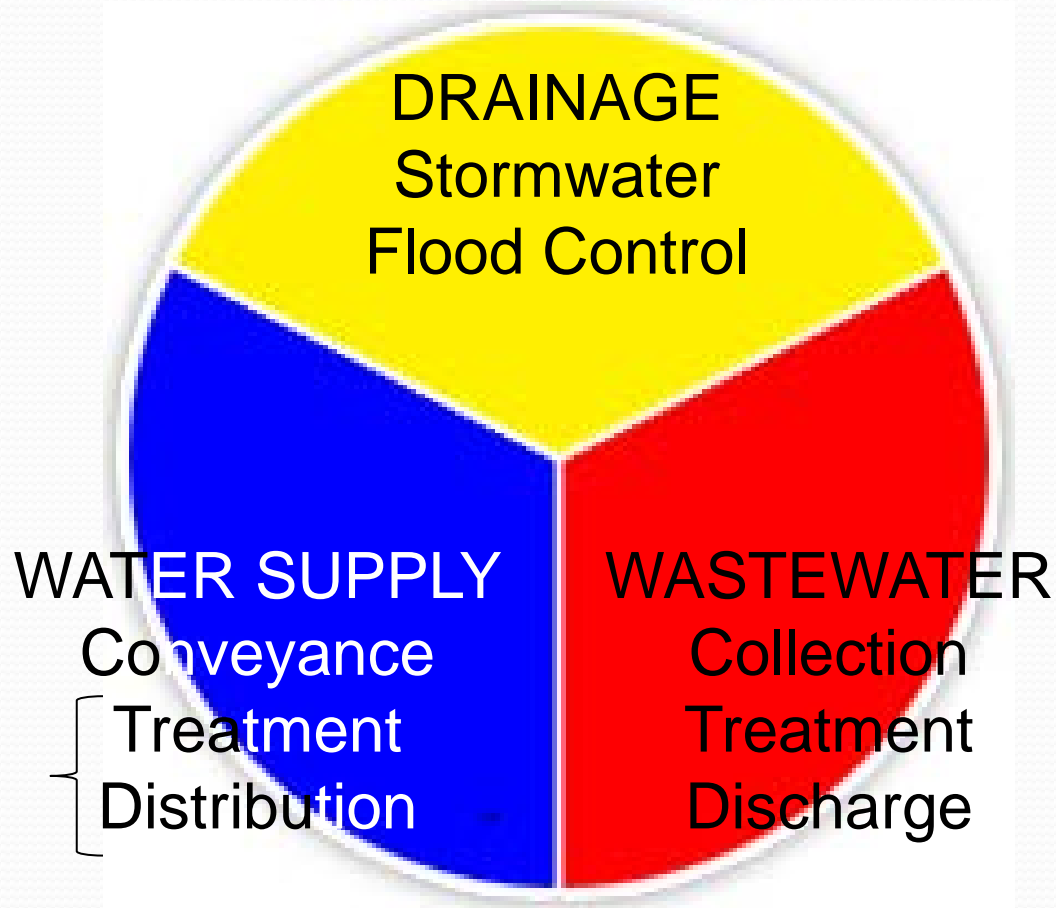
Symbol of Stability – 3 legged stool



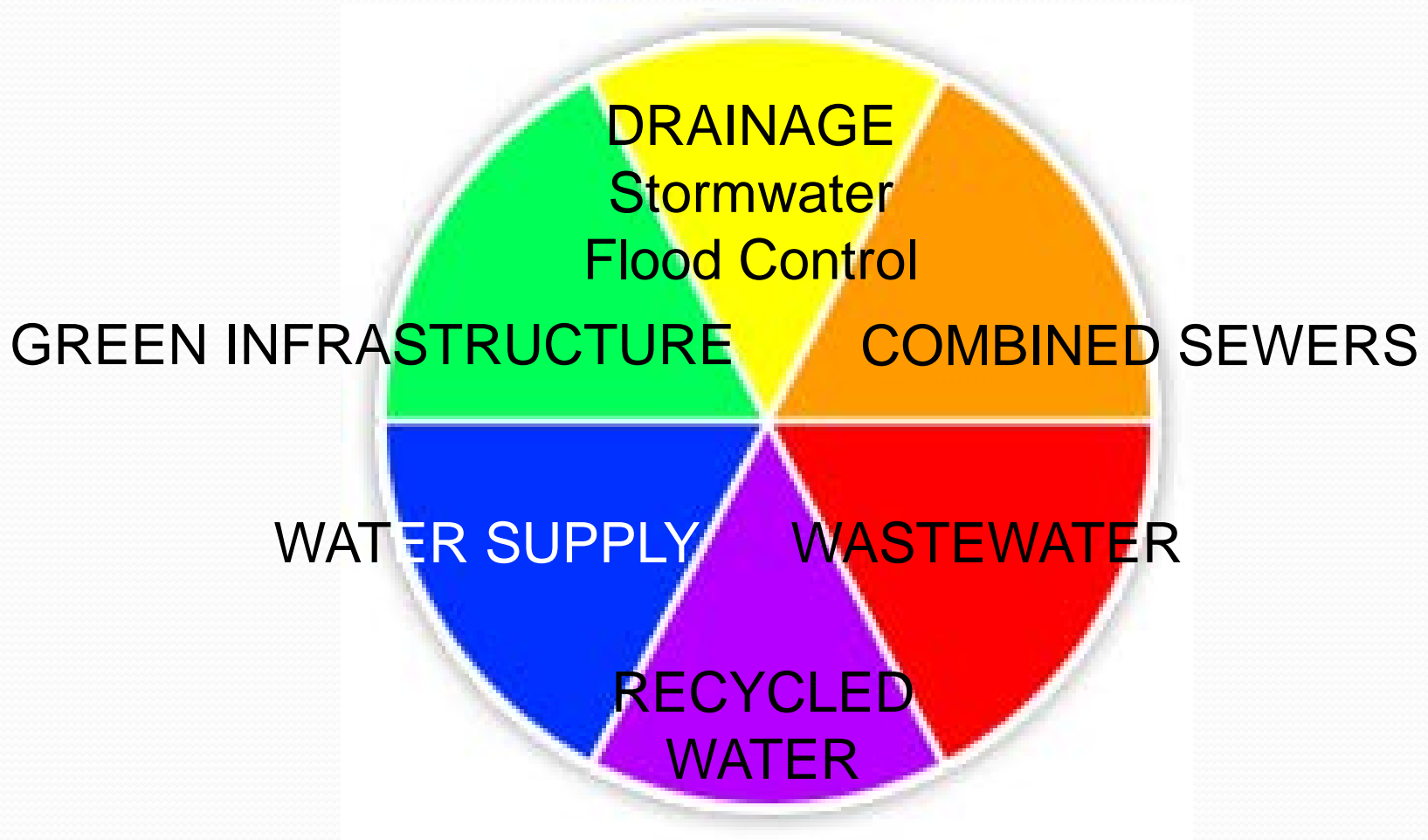
But Water is Not a Solid Object...



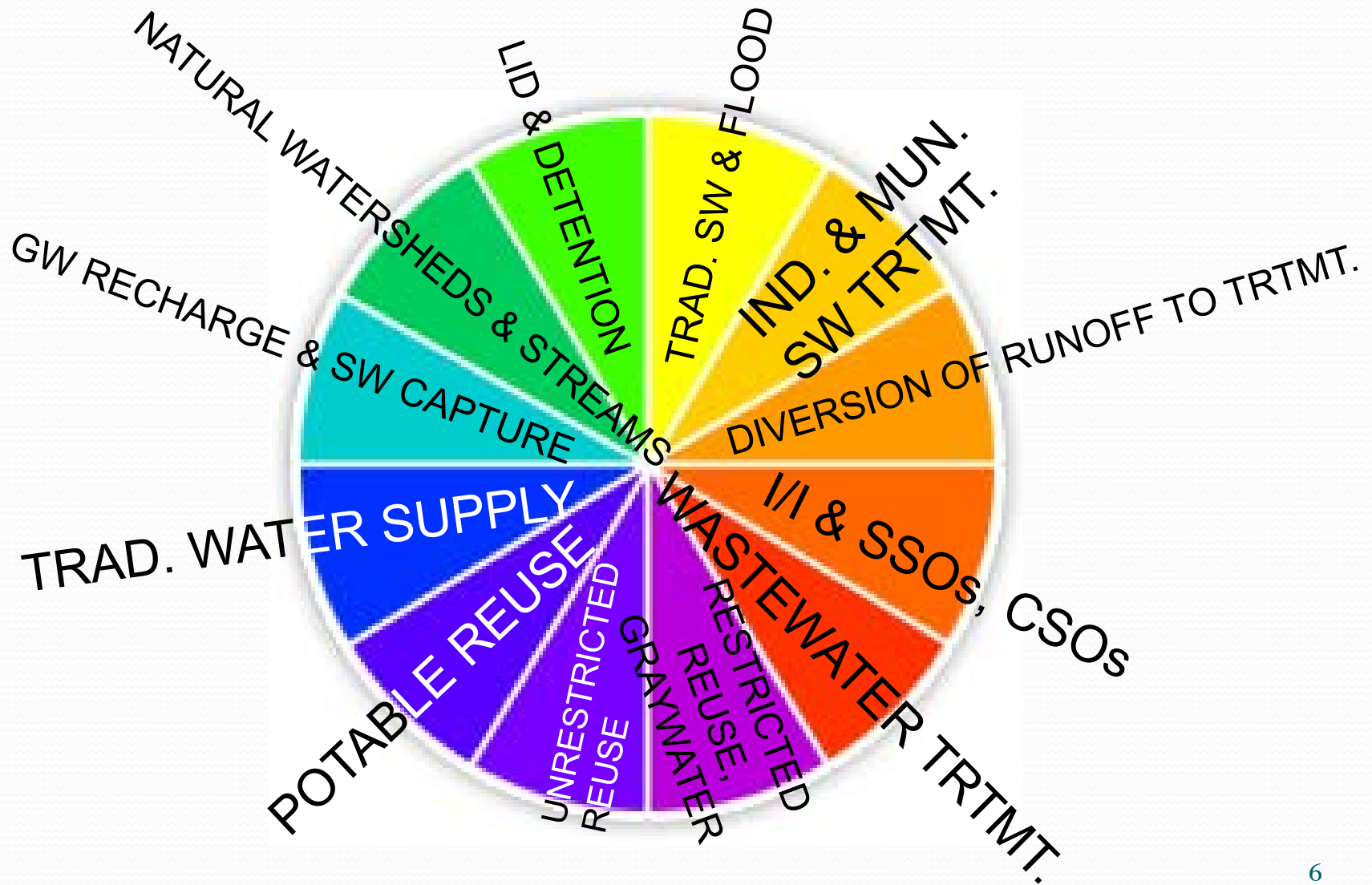
20th Century Water Color Wheel



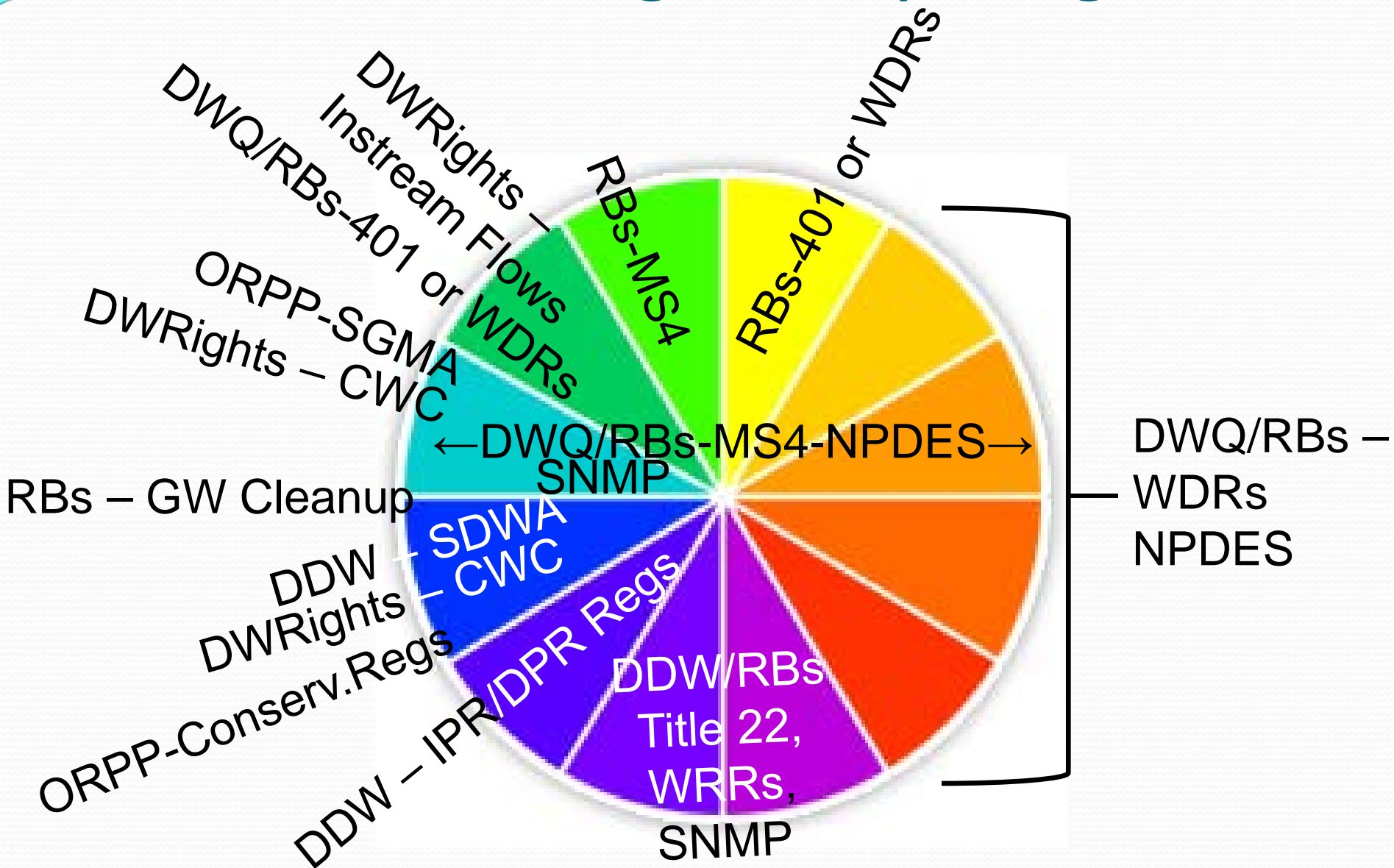
The Water Color Wheel, 1990's – 2000's



The Water Color Wheel Today



Water Board Regulatory Programs



Water Board Funding Programs

DFA

(Loans, Grants
To Mostly Public
Entities)

Whole Spectrum,
Especially from Red
To Green, Not Pure Yellow



Source, MH Martin, "Make a Rainbow" 9

“One Water” Color Wheel

- California Water Action Plan
- Human Right to Water
- Division of Drinking Water
- Integrated Regional Water Management
- Sustainable Groundwater Management
 - Formation of GW Sustainability Agencies (GSAs)
- Water Recycling: Statewide General WRRs
 - \$900M 1% SRF Loans, \$725M Prop 1 on Recycling
 - IPR/DPR Regulations
- Water Rights Measurement and Stormwater Capture Regulations
- STORMS – Stormwater as a Resource in MS4

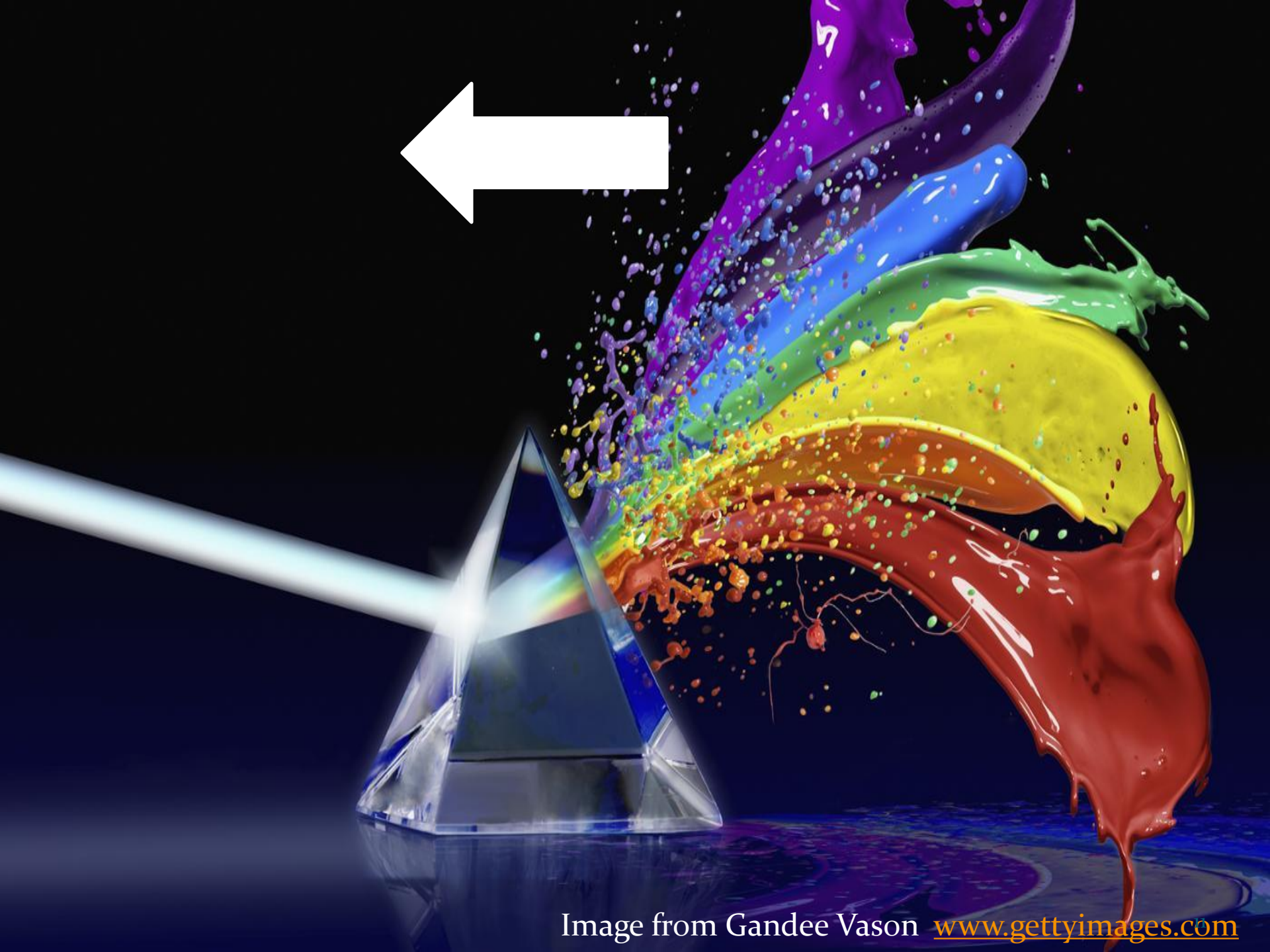
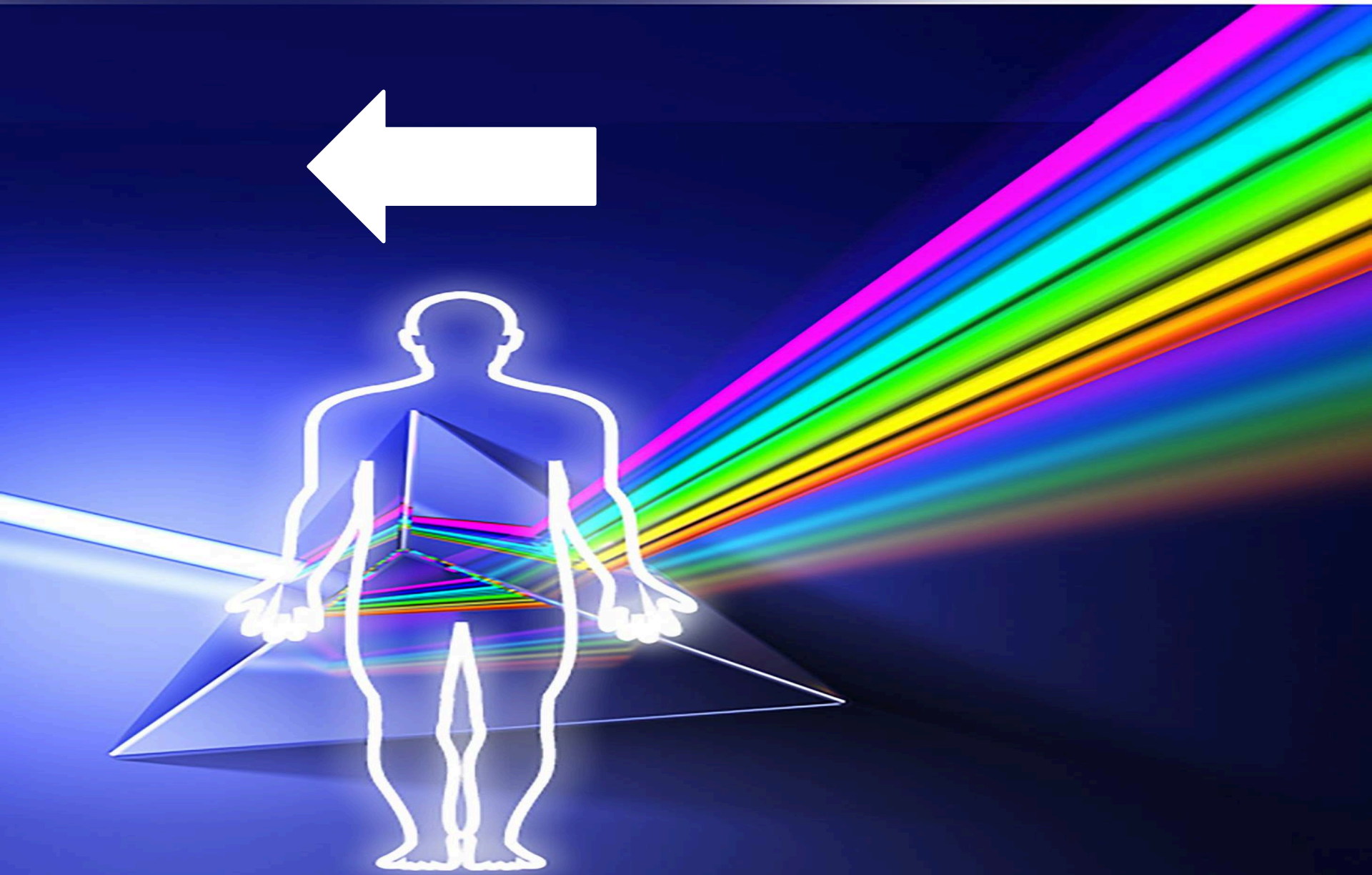


Image from Gandee Vason www.gettyimages.com





ONE WATER ENLIGHTENMENT FOR SUSTAINABLE COMMUNITIES

FOCUS EFFORTS TO INTEGRATE ALL WATER INFRASTRUCTURE TO MEET
WATER QUALITY STANDARDS AND WATER SUPPLY RELIABILITY.
FUTURE GENERATIONS ARE DEPENDING ON US!

Image from Shutterstock, [oshy.dvrlists.com](https://www.shutterstock.com)