

Role of Integration in Water Management

September 9, 2015

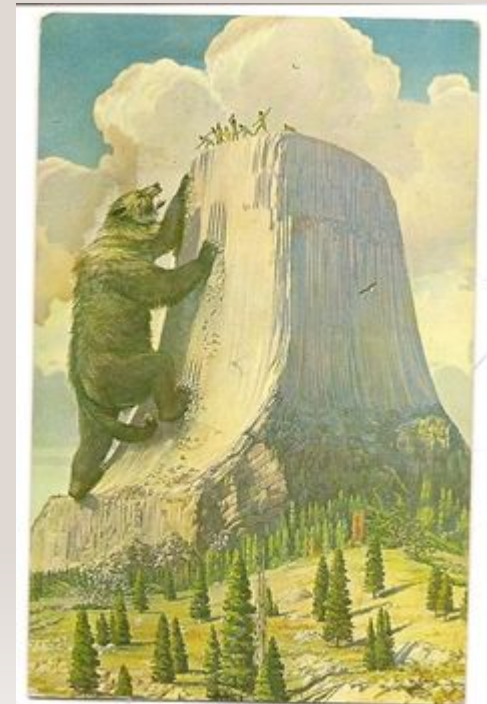
Presented by:

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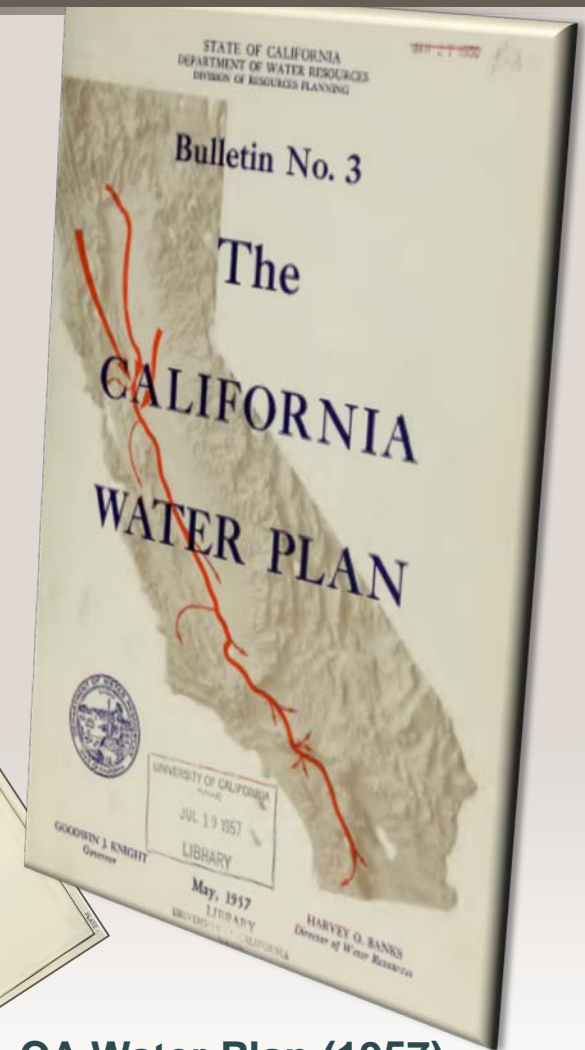
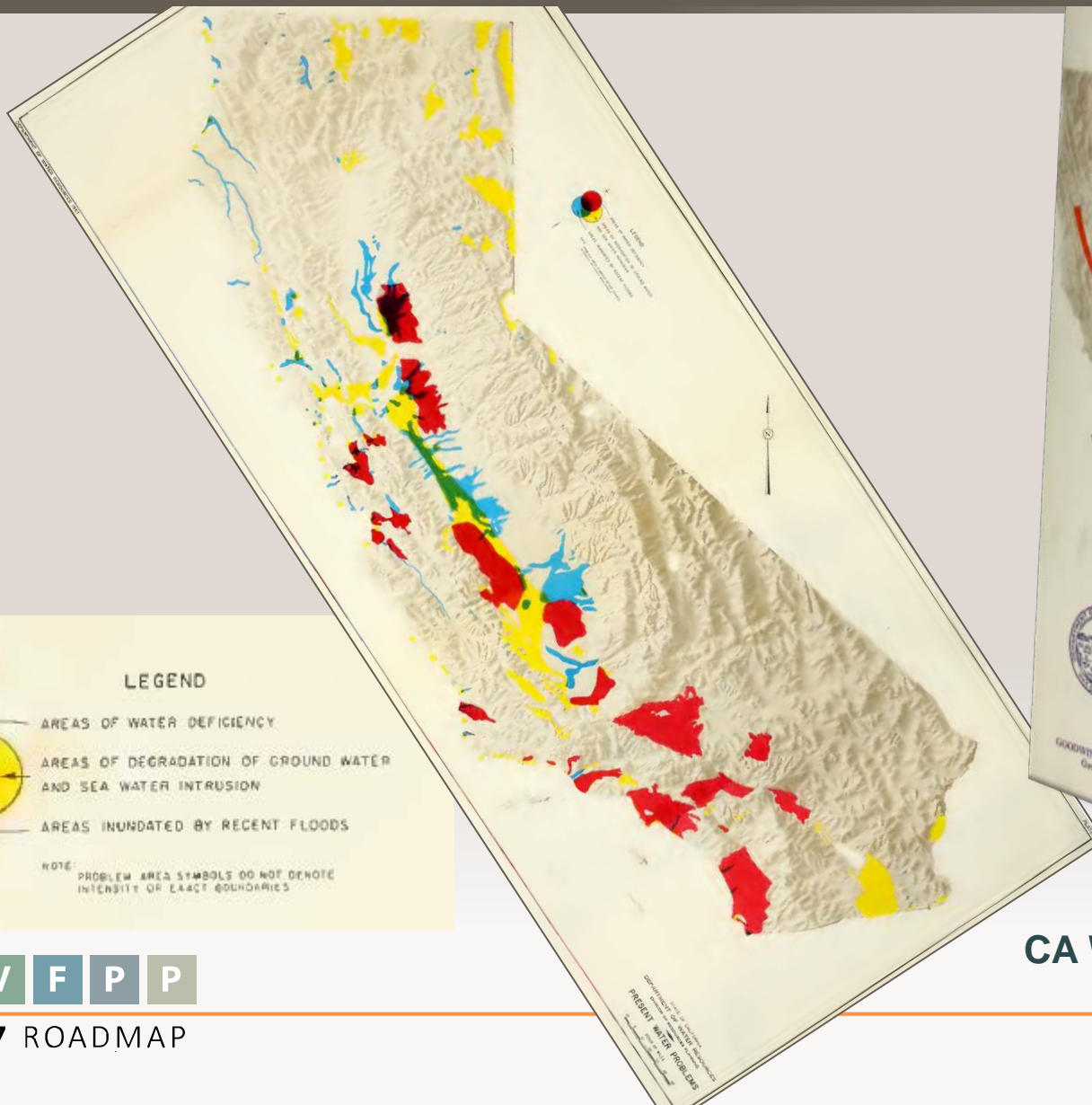
California Water Policy Trends

Water
Development

Resource
Awareness &
Conflict

Sustainable
Resources
Management

Water Management of the Past Focused on Challenges



CA Water Plan (1957)

River Basin Planning: 10 Golden Rules

1. Develop a comprehensive understanding of the entire system
2. Plan and act, even without full knowledge
3. Prioritize for current attention, and adopt a phased and iterative approach to achieve long-term goals
4. **Recognize that basin-planning is iterative and often chaotic**
5. Enable adaptation to changing circumstances

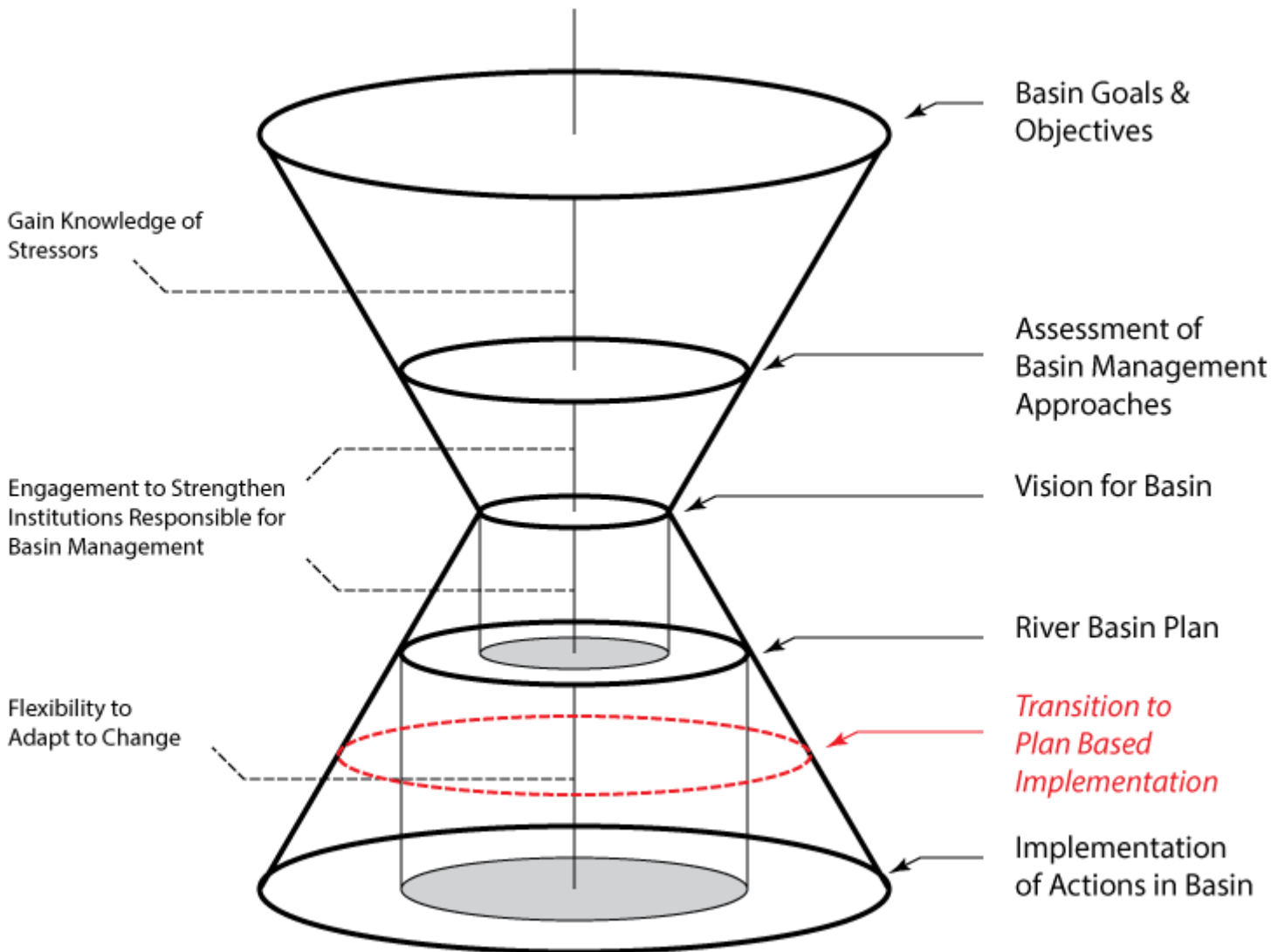


River Basin Planning: 10 Golden Rules



6. Develop relevant and consistent thematic plans
7. Address issues at the appropriate scale by nesting local plans under the basin plan
8. **Engage stakeholders with a view to strengthening institutional relationships**
9. Focus on implementation of the basin plan throughout
10. Select the planning approach and methods to suit the basin needs

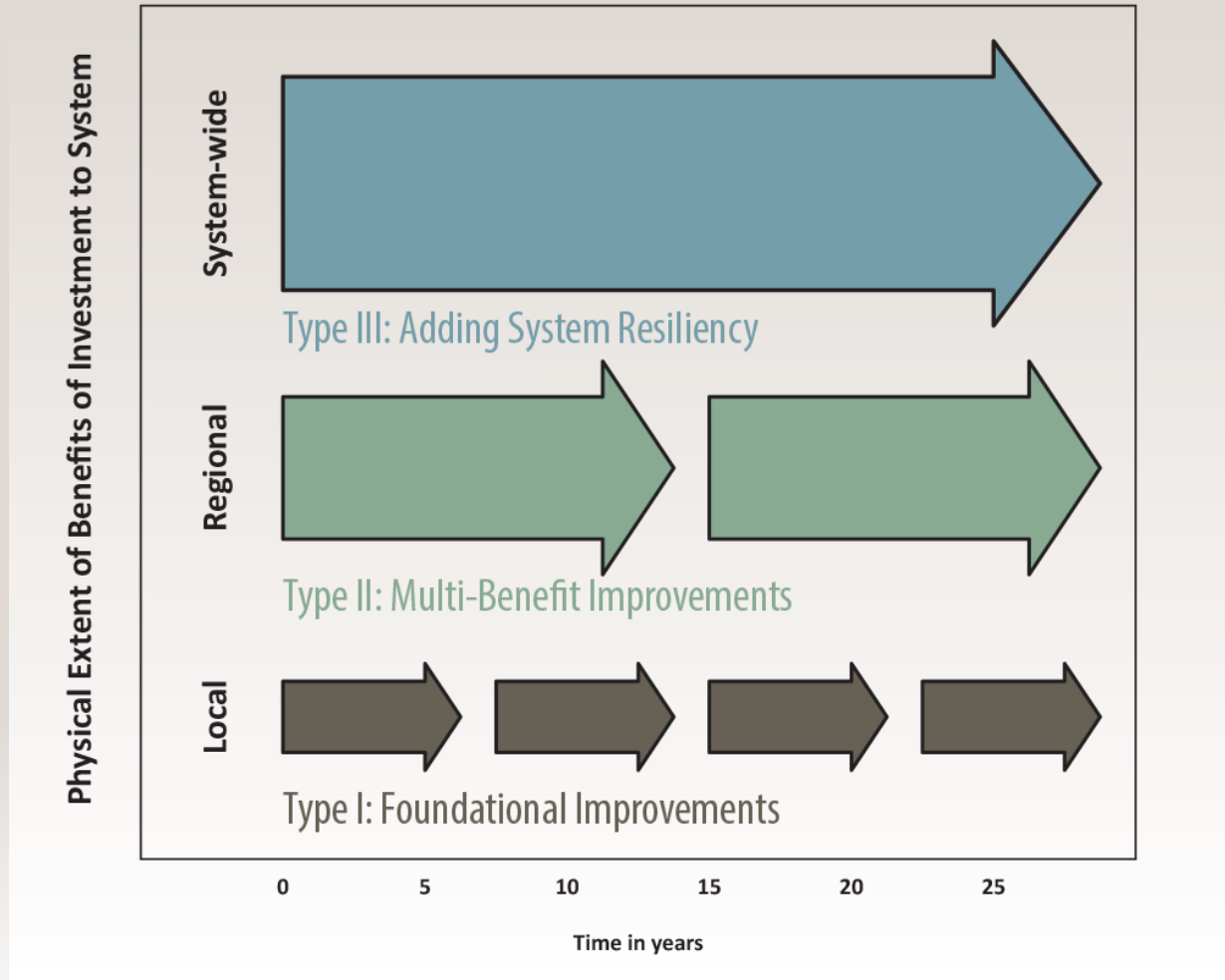
Transitioning from Planning to Implementation



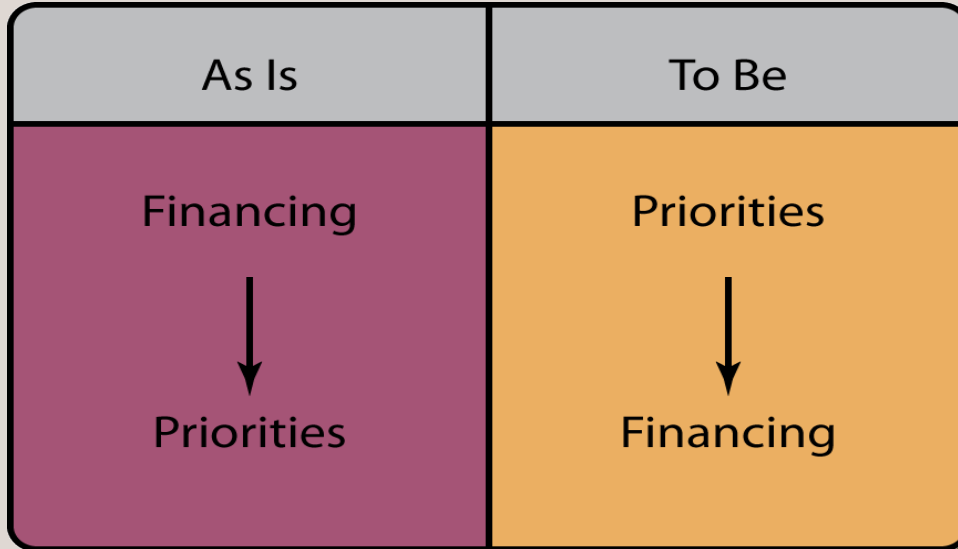
Outcome Based Planning

CVFPP Goals	Intended Outcomes
Primary Goal: Improve flood risk management	
Reduce the chance of flooding	+ \$ 🧑
Reduce damages once flooding occurs	\$
Improve public safety, preparedness, and emergency response	+
Supporting Goals	
Improve Operations and Maintenance	+ \$ 🐟
Promote Ecosystem Functions	🐟
Promote Multi-benefit Projects	+ \$ 🐟 🧑
Improve Institutional Support	+ \$ 🐟 🧑

Goal: Investing in a Diverse Portfolio of Actions



Value of Outcome Based Planning



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