



Riparian Issues & Flood Control: Past, Present, & Future Challenges & Opportunities

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“Riparianism” according to Tim...

And the Government said

"Let there be projects to protect the public!"

And the Public said

"But we want your projects to...!"

And then you were asked

"Where is Riparian Nirvana?"

And then all were asked

"Now what?"



And the Government said,
**“Let there be projects to protect
the public!”**

Its all about function...

- Grazing and mining
- Floodwater conveyance
- Obstructions to river navigability
- Water supply storage/irrigation delivery
- Electric power



And the Public said

“But we want your project to...!”

Era of Environmental Activism

1962: “Silent Spring” by Rachel Carson

1964: Wilderness Act

1968: Wild and Scenic Rivers Act

1969: National Environmental Policy Act

1970: First EARTH DAY

1970: EPA Established

1973: Endangered Species Act

1977: Clean Water Act



But actually Teddy Roosevelt in 1902 Reclamation Act and 1918 Migratory Bird Act were early efforts.



**RELEVANT
READY
RESPONSIVE
RELIABLE**

Proudly serving the Armed Forces and the Nation now and in the future.



RECLAMATION

Managing Water in the West



U. S. Department of the Interior
Bureau of Land Management



Arizona Game & Fish

MANAGING TODAY FOR WILDLIFE TOMORROW

azafd.gov



Arizona Department of Water Resources

Securing Arizona's Water Future

Celebrating

25

Years



Pima County Flood Control District

1904 Courthouse



Santa Cruz County

ARIZONA



1988 County Complex



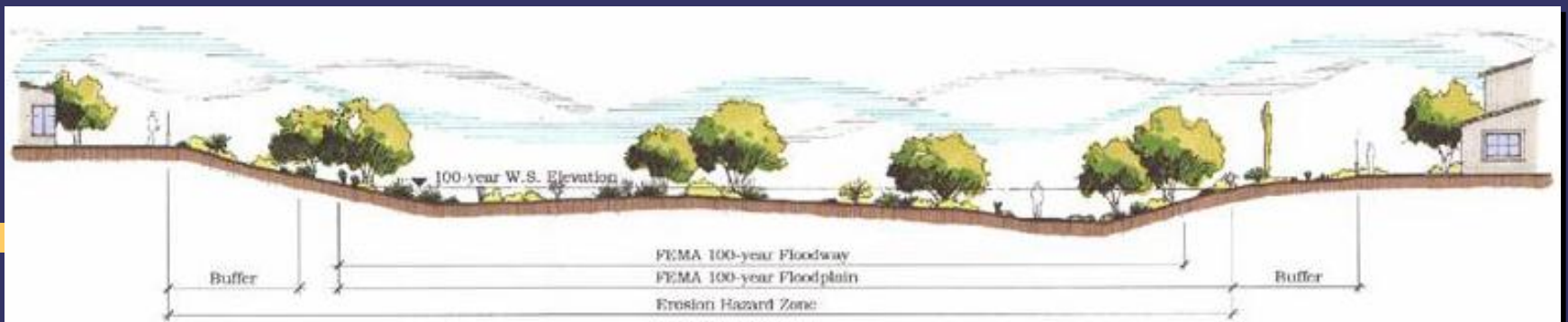
Preserving Our Past. Building Our Future.

And then you asked
“Where is Riparian Nirvana?”



Drivers of Change

- Growth/Development
- Politics
- Funding Availability
- Public Expectation
- Changing Perception



Challenges

- Land, Capital & Maintenance Costs
- Organizational Culture & History
- Development & Preservation
- Habitat & Conveyance
- Regulatory Acceptance
- Piecemealed Solutions
- Multi-Jurisdictional Control
- Operation and Maintenance
- Interagency Rivalry





“If you continue to do what you always have done, you will continue to get what you always have gotten!”

—Unknown



Public/Private Partnership



Federal/State/Local
Regulation needs to be
consistent/ achievable

Consensus in
Federal, State, Local,
NGO Agenda

Time/ Dollars/Patience



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Questions

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