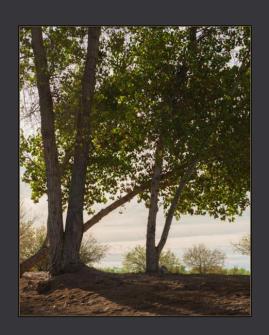
Lessons Learned: Minute 319 Implementation in the Colorado River Delta





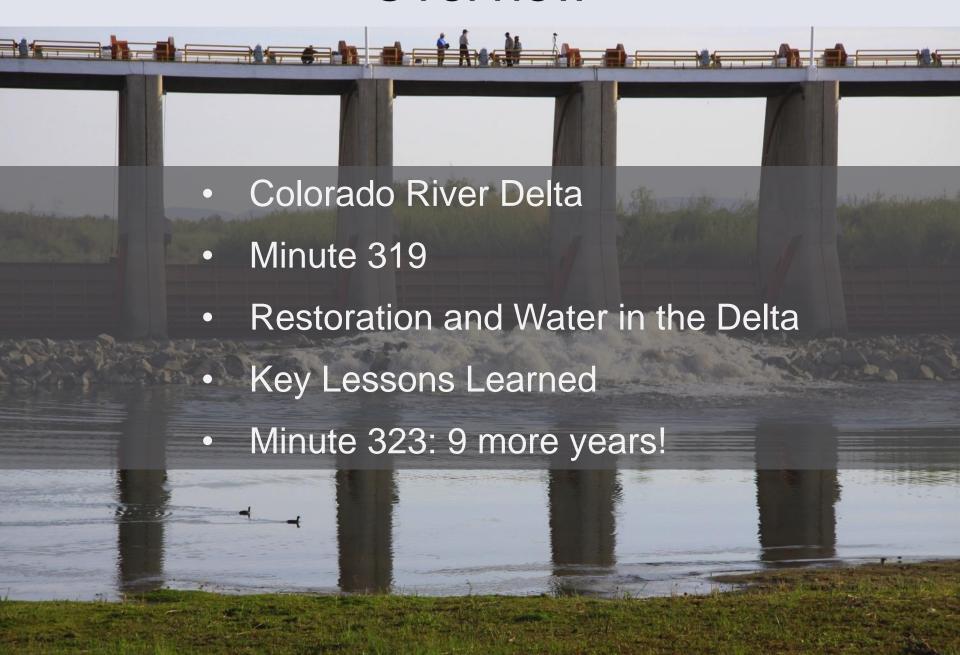


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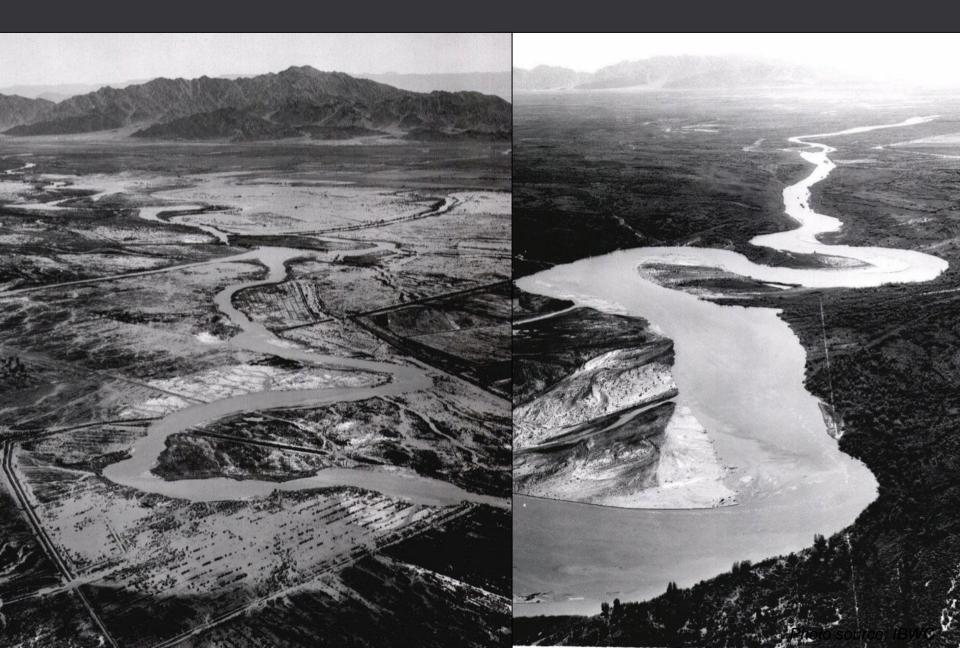


Overview





Historic Delta





Minute 319

- Landmark US-Mexico water agreement
- 2012-2017
- Water and restoration for the CO River Delta



319 Restoration and Water

Habitat Type	Restored	
	На	Acres
Open Water and Marsh	58	142
Cottonwood-Willow	204	504
Mesquite Bosque	162	402
Upland	22	54
TOTAL	446	1,102

319 Restoration and Water

Source	Water Delivered		
	Mm ³	Acre-feet	
US-Mexico	130.0	105,000	
NGOs	70.8	57,400	
TOTAL	200.8	162,400	

Minute 319



Minute 323

1) Water delivery tradeoffs

→ Pulse flow versus targeted deliveries to restoration sites



2) Active restoration vs. passive

→Need mechanical removal of veg cover for native establishment



- 3) Social benefits?!
- → People matter
- → Support for future restoration







- 4) Data management plan is critical
 - →Need dedicated funding and personnel



- 5) Plan for long-term success!
 - → Changing conditions
 - → Maintenance and mgmt. costs



Summary

- 1) Restoration goals inform water delivery plans
- 2) Mechanical veg removal when flood isn't enough
- 3) Incorporate social benefits in restoration planning
- 4) Include data mgmt. from start
- 5) Long-term maintenance and mgmt. considerations

Acknowledgements

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