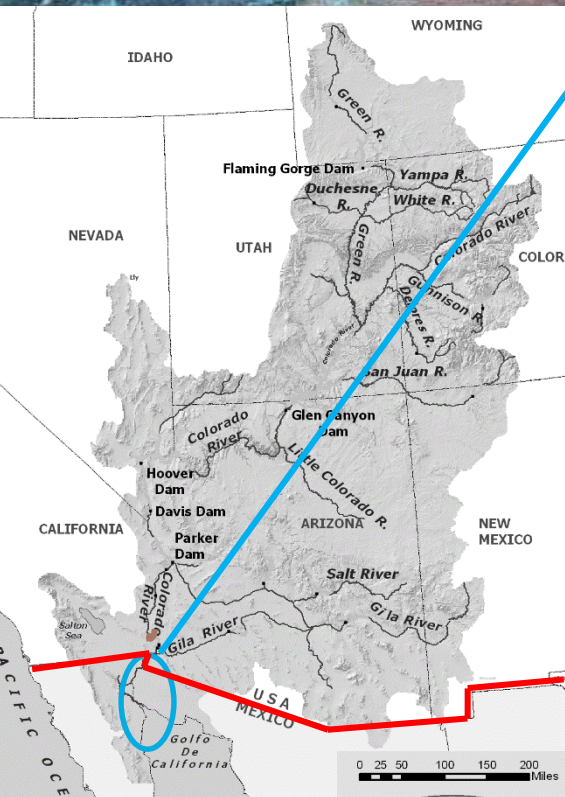
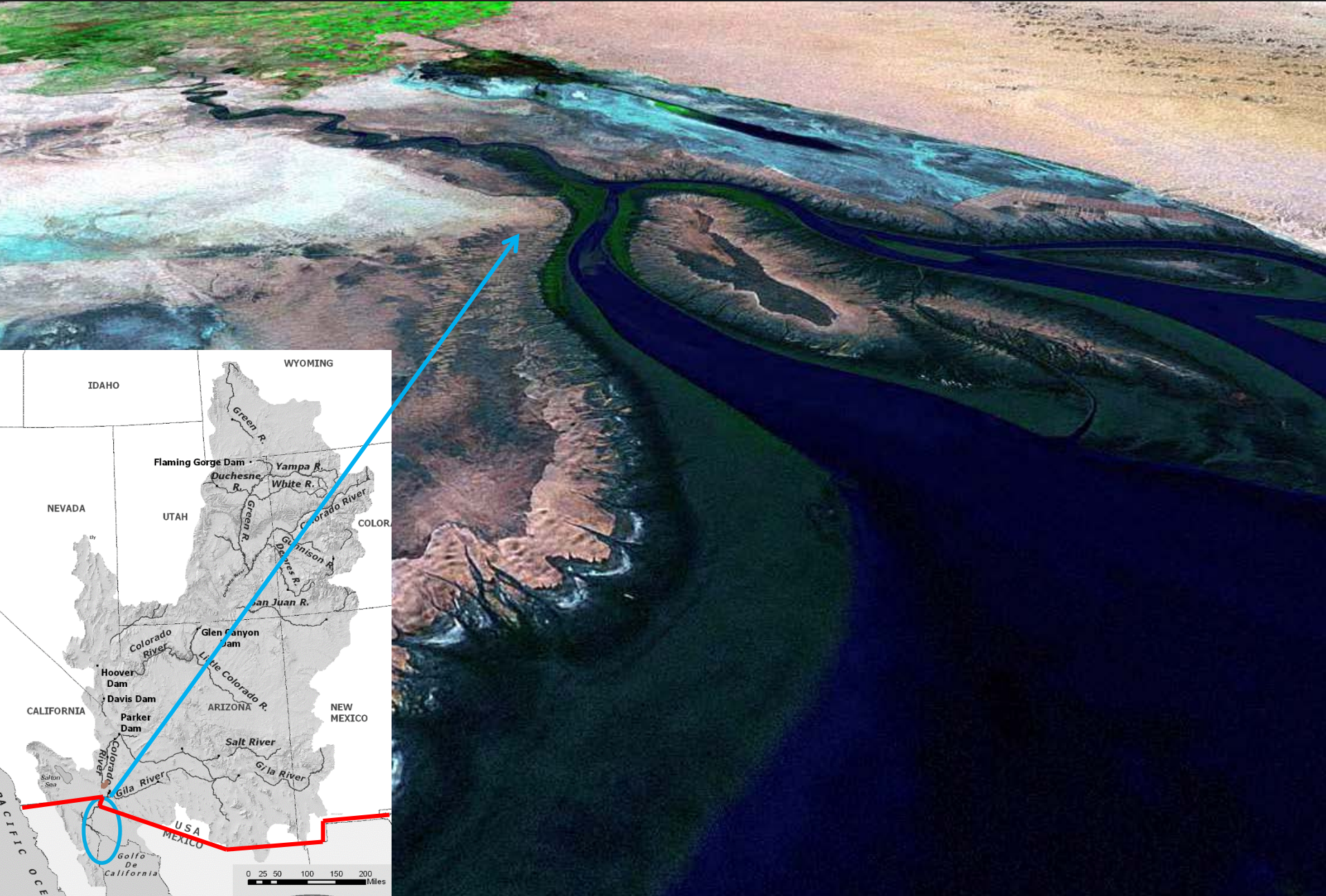


Science in the Wild West of U.S. – Mexico Colorado River Negotiations



National Conference on
Ecosystem Restoration
Jennifer Pitt
20 April, 2016





2012 US-Mexico Colorado River Agreement: Minute 319

2013-2017

Mexico voluntarily adopts reduced delivery when reservoir storage is low

New flexibility for Mexico to store water in US reservoirs

Binational joint investments in water conservation

US and MX commitments to deliver water to the Colorado River Delta, matched by private trust

US commitments to provide funding for habitat restoration

Commitment to renegotiate longer-term agreement









Did Science Inform Minute 319?

CON

- US water users and states unable to recognize environmental standards or goals outside of the US (= outside of ESA)
- Environmental flows were Mexico's "ask" negotiated in context of shortage commitment, water transfers, other management reforms
- Existing data sparse
- Environmental flows less than $\frac{1}{2}$ volume hypothesized in literature

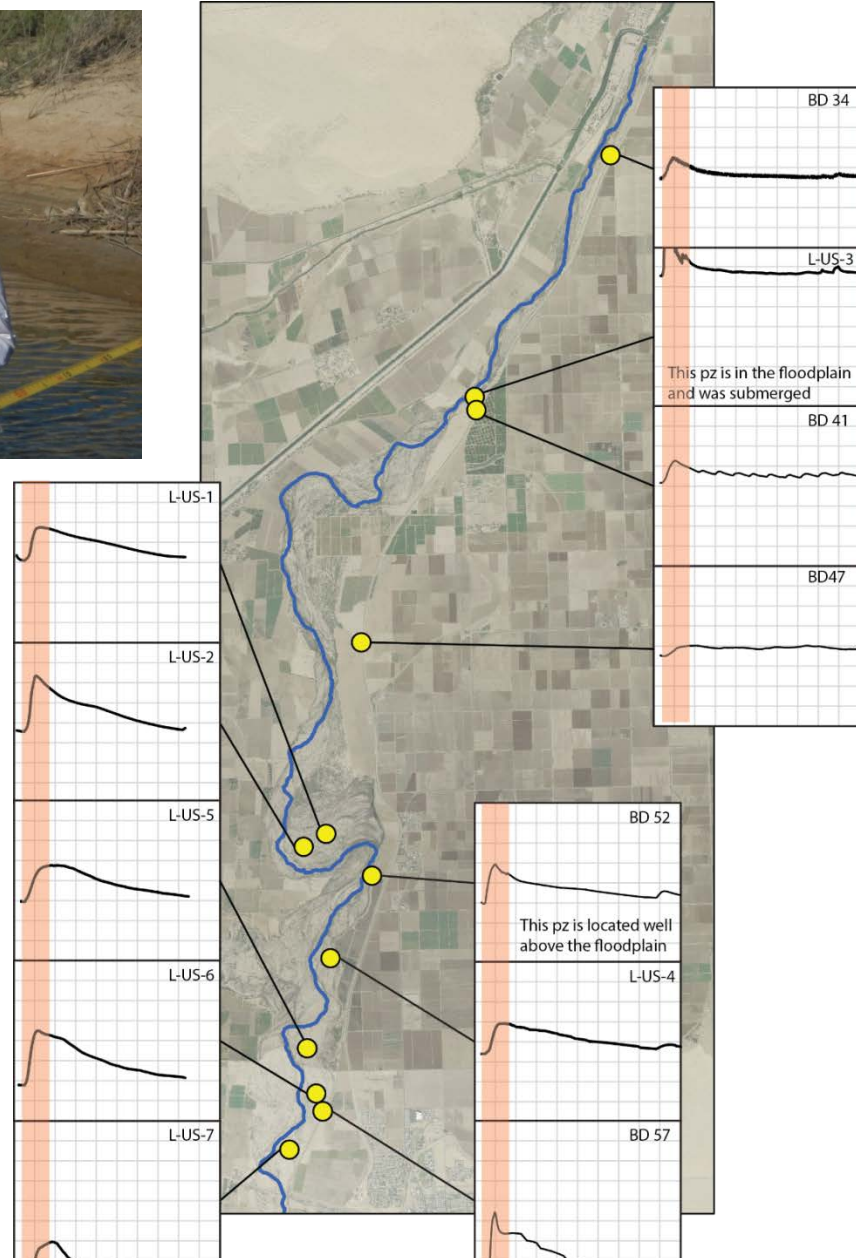
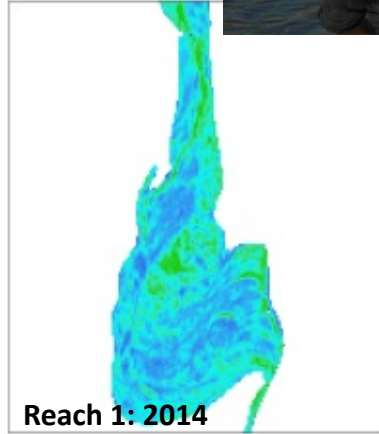
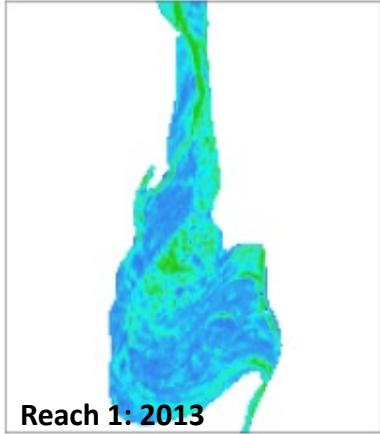
PRO

- Enough to water to send a signal
- Binational commitment to monitoring



Ej. Luis Encinas Johnson





Will Science Inform Minute 319 Successor?

PRO

- 2+ years intensive monitoring of environmental flow impacts
- Negotiators looking at environmental flow scenarios
- Binational environmental workgroup used data and models to quantify impacts for a range of possible environmental flow scenarios:
 - Innundation and hydrologic connectivity
 - New habitat
 - Social impact
- Scenarios optimize environmental and social impact

CON

- Environmental flows will be Mexico's "ask" negotiated in context of shortage commitment, water transfers, other management reforms
- US water users and states unable to recognize environmental standards or goals outside of the US (= outside of ESA)

Negotiators and stakeholders have seen something good happening in the Colorado River Delta – science confirms it and science improves it

Science tells our story (thanks!)

