

# San Pedro River Ecosystem

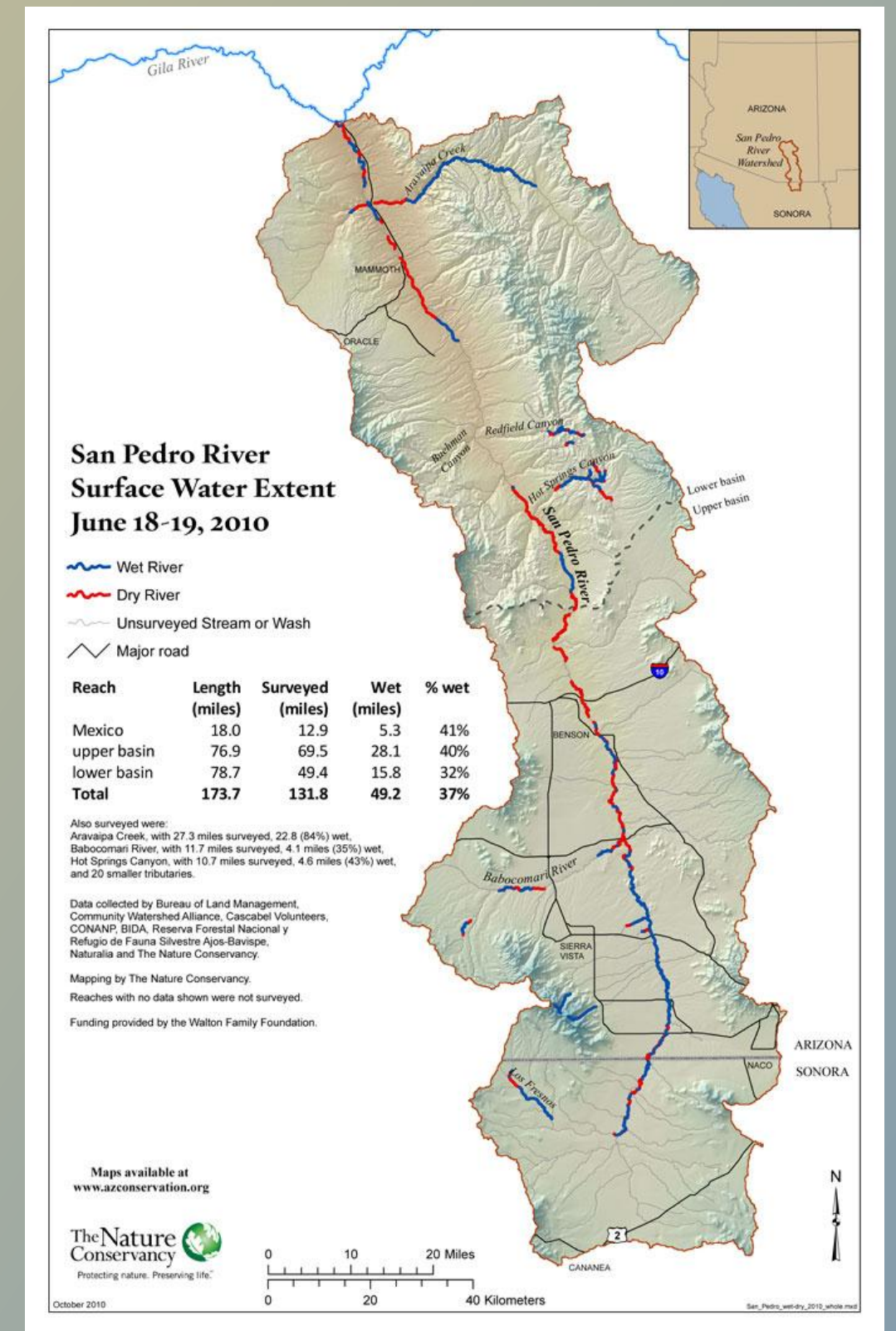
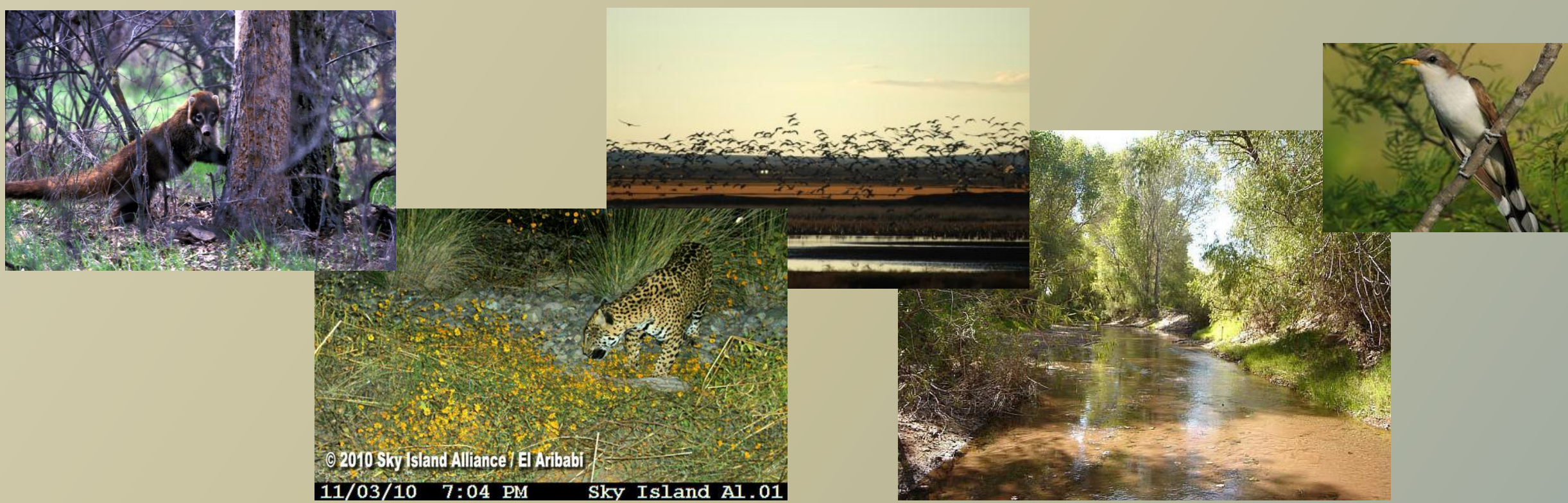
Liz Prohaska, J. Robert Hendricks Elementary School, Tucson, AZ  
Earth Camp for Educators 2012



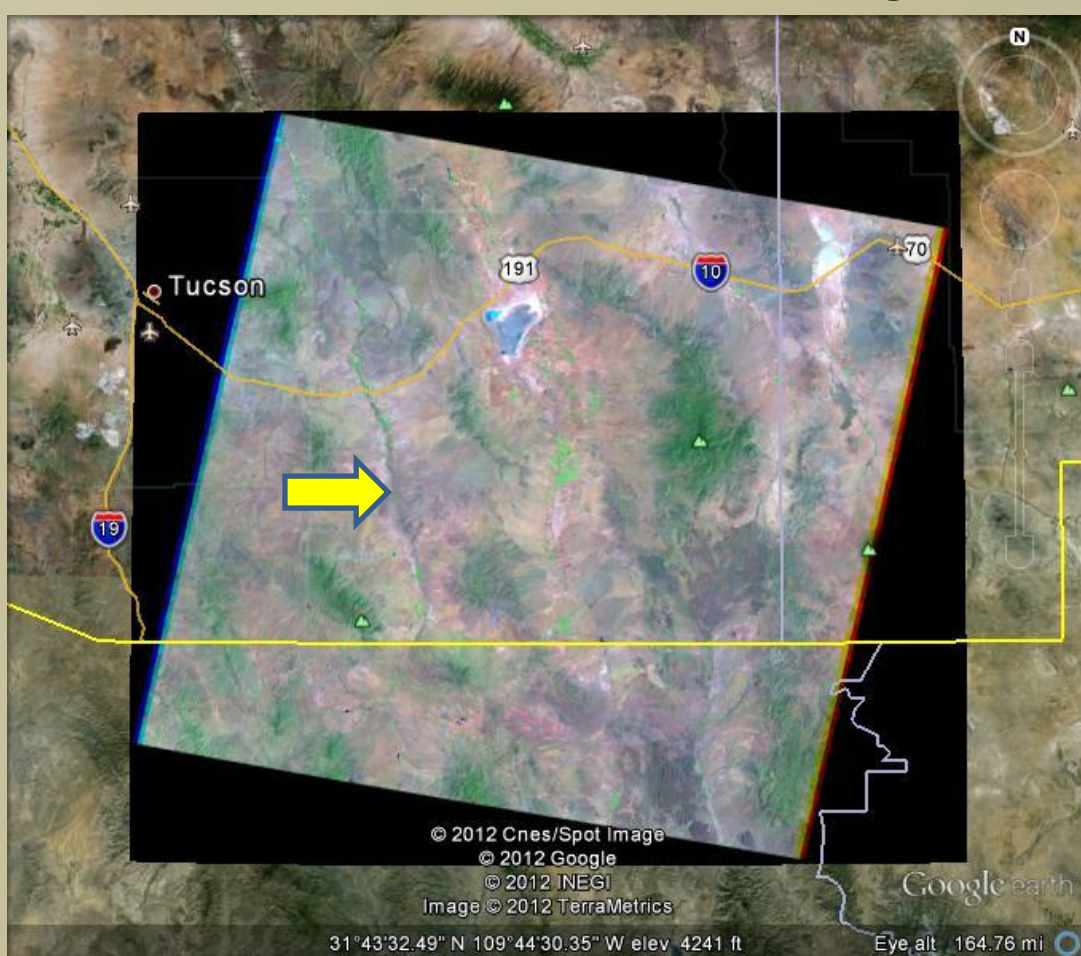
The Power of Perspective

Artist's view of a U.S. Landsat satellite. Credits: NASA.

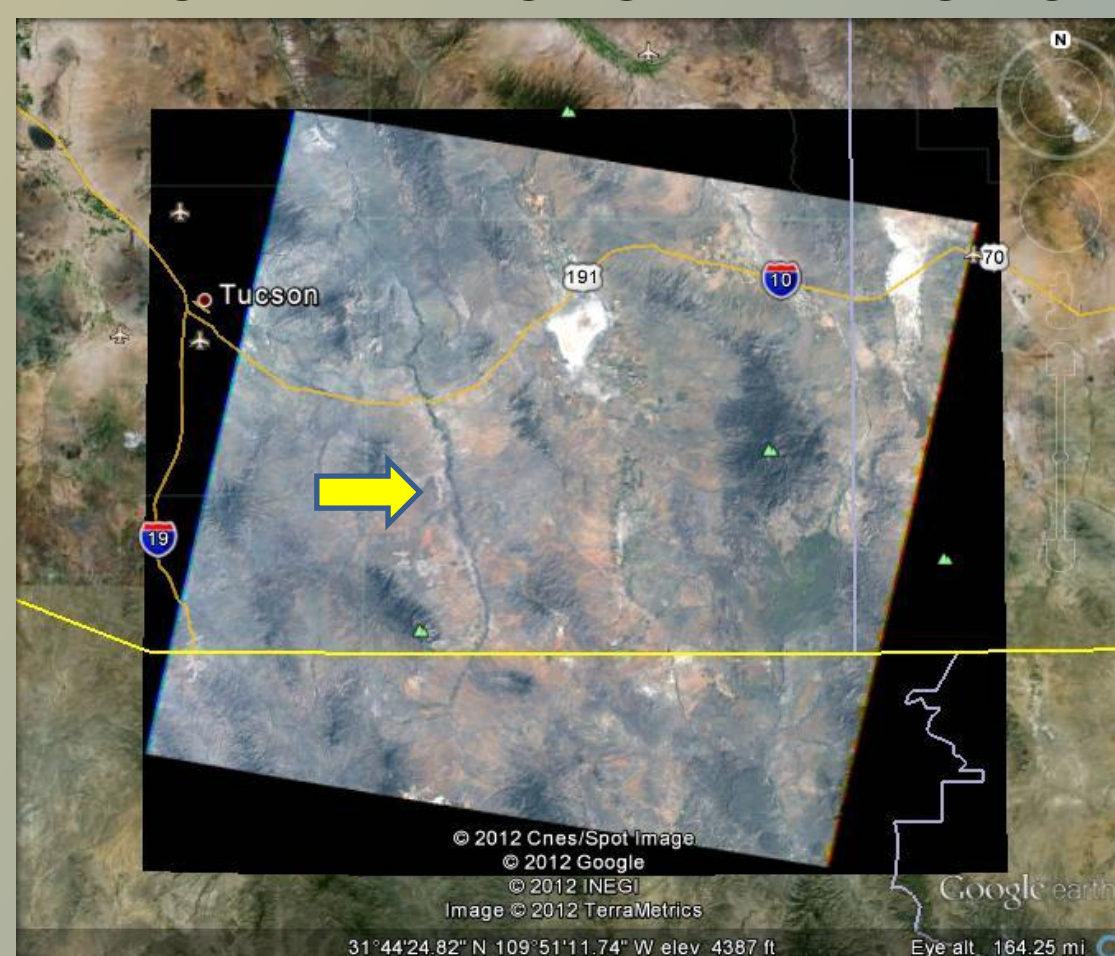
- Last major free-flowing (undammed) river in the US southwest
- Extensive riparian corridor
- Species: 84 mammal, 14 fish, 41 reptile, 200 butterfly, 20 bat, 250 migrant & wintering bird species, 100 breeding bird species
- 2/3 of the avian diversity in the United States



In these false-color Landsat images, healthy vegetation is highlighted as bright green.



San Pedro River Valley 1984

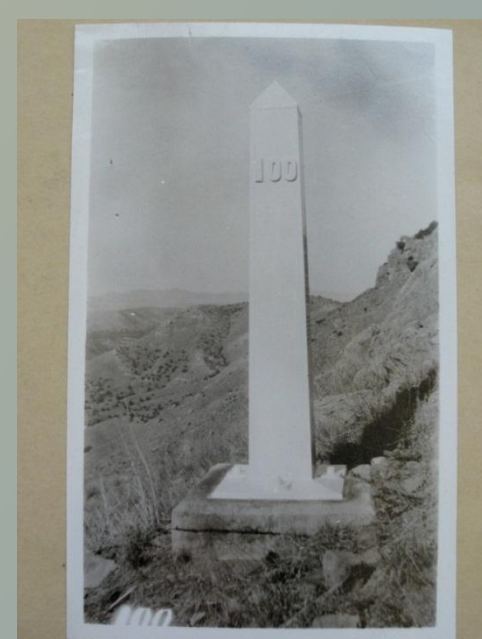


San Pedro River Valley 1995

Current threats to the San Pedro River Ecosystem:

- Current & proposed border fences
- Sprawling development which is lowering the water table
- Invasive species

A history of border fences across the San Pedro



Fifty-two boundary monuments were erected between 1849 and 1857



San Pedro River meets the border in 2007. An old style border fence.



Border wall today: javelina stand in a wash bisected by the fence.