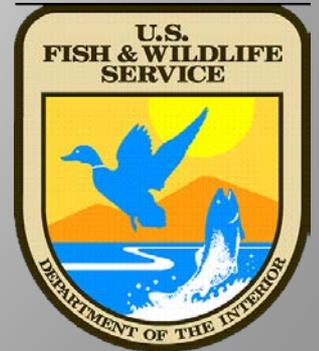


# The Role of Safe Harbor Agreements in Endangered Species Conservation along the Salt River, Phoenix, Arizona



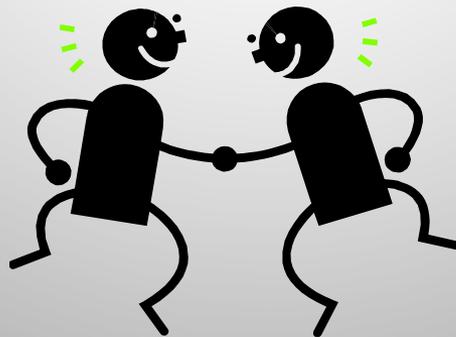
Mike Martinez, USFWS



# What are Safe Harbor Agreements?

Voluntary agreements under which a landowner:

1. Agrees to carry out conservation measures that provide a **net conservation benefit** to listed species and contribute to recovery
2. Obtains a permit authorizing a return to the **baseline condition**, including **incidental take**
3. Obtains **assurances**, provided that property is managed in accordance with Agreement and permit



# Issuance Criteria for a SHA Enhancement of Survival Permit

ESA Section 2 (b) and 10(a)(1)(A)

1. The taking will be incidental
2. The SHA complies with policy
3. The taking will not appreciably reduce the likelihood of survival and recovery in the wild
4. Implementation of the terms of the SHA is consistent with applicable Federal, State, and Tribal laws and regulations.



# T&E species along the Salt River

Southwestern willow flycatcher - **E**



Yuma clapper rail - **E**



Riparian  
forest



Wetland  
marsh



*Others?*

# Local Projects and Sponsors for Restoration along Salt River

U.S. Army Corps of Engineers WRDA projects

Corps constructs project, then local sponsor assumes  
responsibility for operation and maintenance

Rio Salado Project  
City of Tempe  
City of Phoenix

Tres Rios Project  
City of Phoenix



# The SHAs Provide Benefits and Contribute to Recovery of the Species

SHAs will provide for O&M of native riparian and wetland communities for a period of 50 years.



- 766 acres in Rio Salado
- >927 acres in Tres Rios
- Benefits include provision of dispersal corridors, foraging sites, and potential nesting areas.