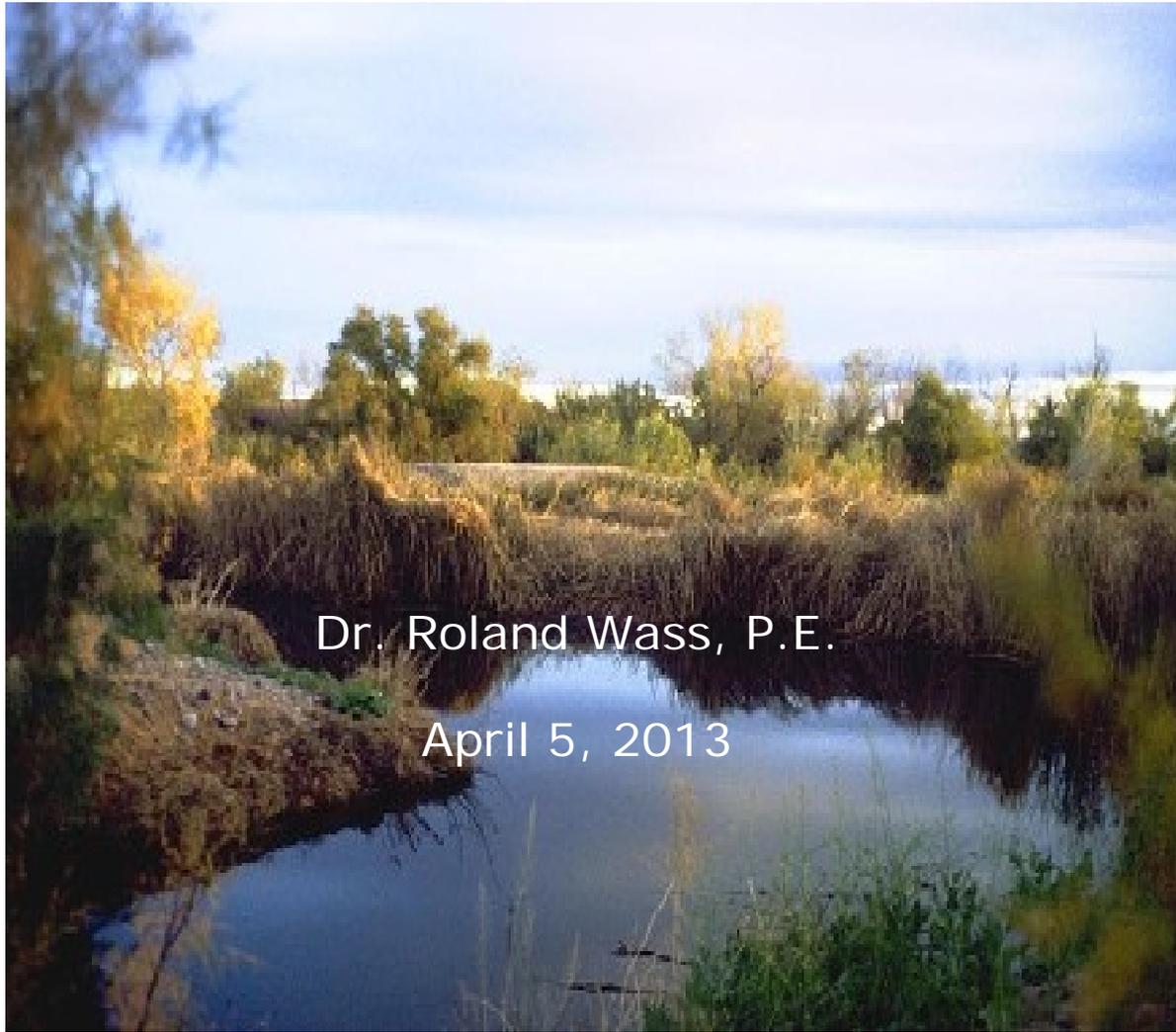


Wetland & Riparian Restoration on the Salt/Gila Rivers



Dr. Roland Wass, P.E.

April 5, 2013

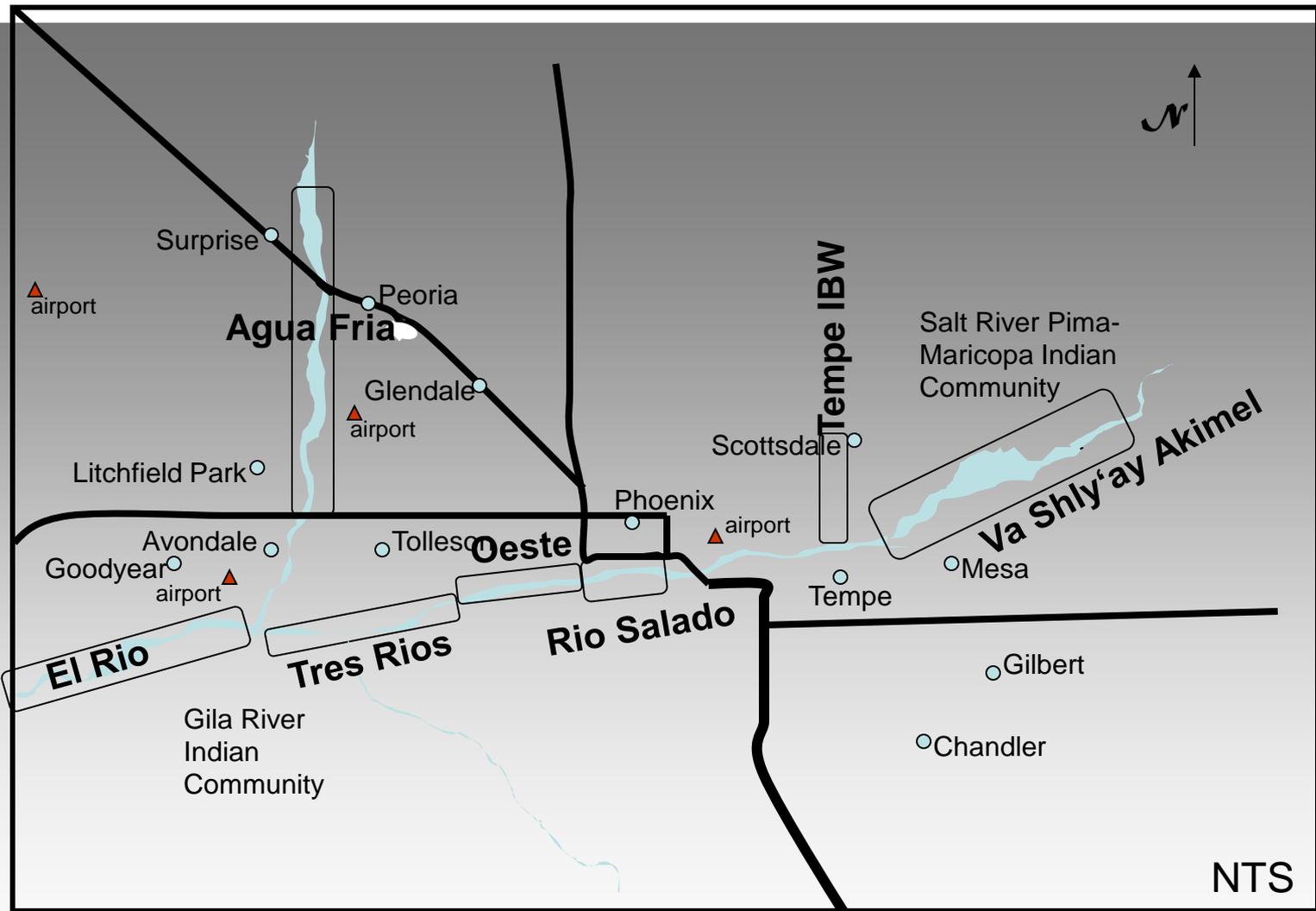
River Restoration

No One Seems To Care About River Restoration in the Desert...

Except the People In This Room!!!



River Restoration On The Salt and Gila Rivers?



Ecosystem Services = Economic Benefits

Provisioning services
Food
Fibre and Fuel
Genetic resources
Biochemicals, natural medicines, pharmaceuticals
Ornamental resources
Fresh water

Regulating services
Air-quality regulation
Climate regulation
Water regulation
Natural hazard regulation
Pest regulation
Disease regulation
Erosion regulation
Water purification and Waste treatment
Pollination

Supporting services
Soil formation
Primary production
Nutrient cycling
Water cycling
Photosynthesis

Cultural services
Cultural heritage
Recreation & tourism
Aesthetic value



Convey the Economics To...

- Private Sector / Land Development
 - Investing in and Protection River Corridor = Increased Upland Values

- Policy Makers / Land Planners
 - Incentives for private investment
 - Ordinance and Development Code
 - Clear framework to reduce timeline for future development
 - Reducing the Risk

- Regulatory Community
 - Sometimes Dry-Weather Flows Aid the Environment

- The Community
 - Influence the policy makers
 - They are the taxpayers



**Must Make Riparian and Wetland Restoration
Competitive with More Traditional Infrastructure
Investments**

Thank You

