Innovative Water Transfers Workshop

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Topics

- Arizona Water Transfers
- Arizona Water Bank
- Central Arizona Project
- Examples
- The Future
Arizona Water Transfers

- Groundwater and Surface Water
  - Groundwater - ADWR
  - Surface Water - ADWR
  - Colorado River Water -
    - Secretary of the Interior
    - Advise from ADWR

- Indian Settlement Water

- Reclaimed Water
Groundwater Transfers

- Irrigation Grandfathered Rights
- Type I Non-IGFR
  - Non-irrigation Use
  - Remains Appurtenant to Land
- Type II Non-IGFR
  - Generally Industrial Use
  - Can be Severed from Land
- Outside AMAs - Unregulated
Extinguishment Credits

• Assured Water Supply Rules
• All Three Groundwater Rights
  - Right Extinguished
  - Never Used Again
• Extinguishment Credit
  - Used in AMA
  - Offset Groundwater Pumping
Surface Water Transfers

- Decreed and Appropriative Rights
- Severance and Transfer
  - Beneficial Use including Recreation and Wildlife
  - Application and Notice
  - Approval of ADWR with Conditions
- Does not Apply to Colorado River Water
Colorado River Transfers

- Includes Central Arizona Project Water
- Contracts Administered by the Secretary of the Interior
- ADWR’s Role
  - Advise the Secretary
    - Mainstream Policy
    - CAP Policy
Indian Settlement Water Transfers

- Included within the Settlement
- Leases
  - Restrictions
  - 100 Years
  - CAP Water
  - Municipal Uses
- Funding for Settlement
Reclaimed Water Transfers

- Between Agriculture and Other Users
- Indian Settlements
- Regulatory Framework Incentivizes Use of Reclaimed Water
Arizona Water Bank

• Why
  - CAP Financial Issues
  - California’s Use of C. R. Water
  - CAP Priority

• What
  - Five Member Commission
  - Store Excess CAP Water
  - Interstate Agreements
  - Indian settlements
Arizona Water Bank Credits

• Firming and meeting Water Management Goals
• Indian Settlements
• Interstate Agreement
• Restrictions
  - Purpose and Place of Use
  - Can not be Marketed
AWBA Storage

- CAP Transports Water
- Underground Storage Facilities
- Groundwater Saving Facilities
- Interstate Credits
- ADWR Accounting
- Future Recovery
CENTRAL ARIZONA PROJECT

- Backbone of Transfers and Marketing
- Connects Central Arizona to Colorado River
- Recharge and Recovery Facilities
- Subcontracts Allow Transfers and Marketing
- Central Arizona Replenishment District
Examples

- IGFRs approximately - 18,500
- Type I and Type II approx. - 3,000
- Extinguishment approx. - 850
- Surface Water - Numerous
- Colorado River
  - 29 CAP Subcontract Transfers
  - 13 Colorado River Contract Transfers
Future

- CAP - Project Acquisition, Development and Delivery of Water
- Indian Settlements
- Credit Marketing
- Normal Groundwater Right Activity