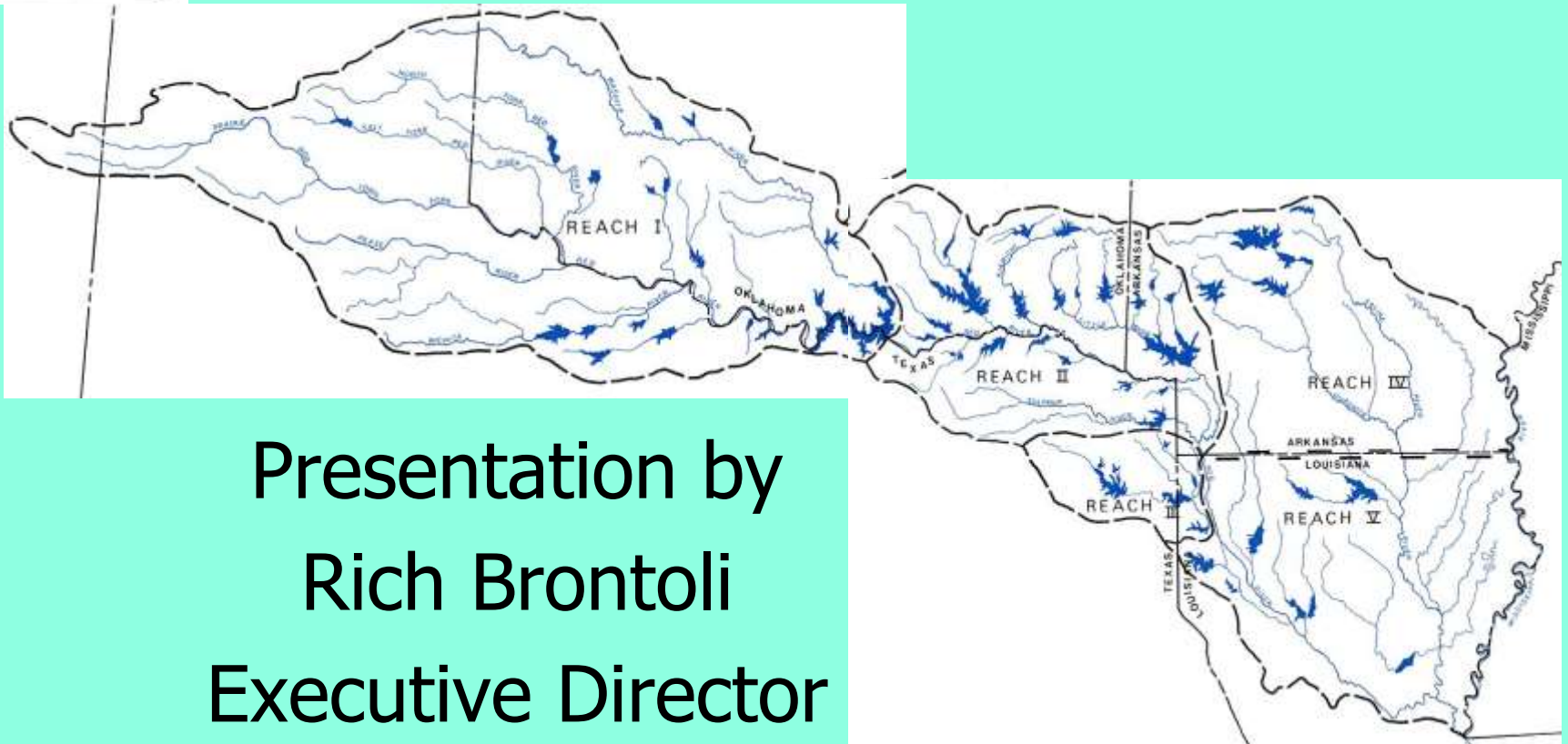


# RRVA Introduction To Mississippi River Commission



Presentation by  
Rich Brontoli  
Executive Director



# Discussion Items

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- RRVA Organization / Mission
- MRC Schedule of Events
- Active Projects & Studies
- Issues
- Discussion



# RRVA Organization

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- Established in 1925
- Non-profit, Member Supported
- Board of Directors from 4 States
- Promote Water Resource Projects with Corps / NRCS / BOR / USGS
- Coordinate Between Agencies, Delegation and Communities



# MRC Schedule - Sunday

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- Initial Briefing by RRWC & RRVA
- Reception & Dinner at the Port of Caddo-Bossier, Regional Commerce Center



# MRC Schedule - Monday

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- 8:30 am – Port of Caddo-Bossier Briefing
  - \* Tour of Bentler Steel Facility
- 10:30 am – LA Gov. Edwards, Sec. Don Pierson (LED) & Asst. Sec. Tommy Clark, Office of Multimodal Programming
- Lunch on MV MS with Stakeholders
- Tour: Recreation Facility, Riverfront, Corps Visitor Center & USFW Red River Refuge
- Panel: Flood Risk Reduction
- Dinner on MV MS with Stakeholders



# MRC Schedule - Tuesday

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- 8:00 am - Breakfast at Red River Parish Port with Stakeholders
- Tour Red River Parish Port
- Travel by Bus to Natchitoches Parish Port
- Visit Corps Grand Ecore Visitor Center
- Lunch at RRWC Grand Ecore RV Park
- Port Panel at Grand Ecore RV Park
- Travel by Bus to MV MS at Lock 3, Colfax
- Dinner on MV MS with RRWC & RRVA



# MRC Schedule - Wednesday

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- 9:00 am – Depart MV MS by Bus to CLECO Power Plant
- Tour Central LA Regional Port (CLRP)
- Lunch on MV MS with Stakeholders
- 1:30 pm – Depart CLRP with Navigation Committee for Waterway Panel
- Dinner on MV MS with Stakeholders
- Stakeholders Depart MV MS at Lock 1

# Authorized Projects & Studies Not Covered in a Panel

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- SW Arkansas Navigation Study
- Bank Stabilization
- Levee Rehabilitation
- Chloride Control





# Southwest Arkansas Navigation Study

## Plan B

### 3 L&D to Fulton





# Red River Emergency Bank Protection





# Red River Below Denison Dam

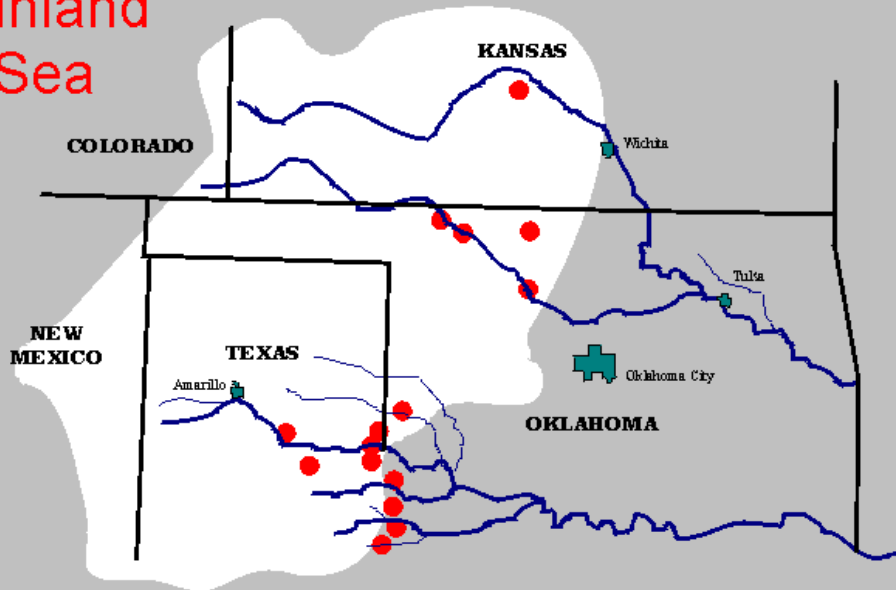
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# Chloride Control Project Tulsa District



Inland  
Sea



4,400 Tons of Sodium Chloride Enter Red River Daily

# Project Features



## *Deflated*

During periods of high flow after a rain, allows diluted brines to pass downstream.



## *Inflated*

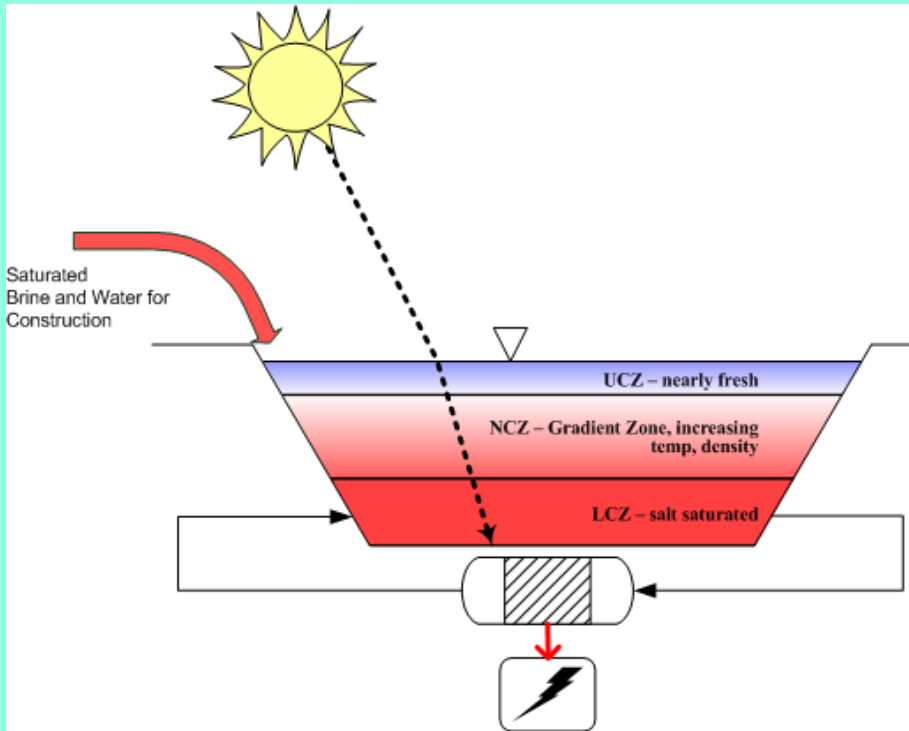
During low flow periods, brines will be diverted to Truscott Containment Facility.





# Solar Ponds

## Good Earth Mechanics (GEM)



- ~25% of the solar energy is absorbed at the pond bottom, heating the adjacent LCZ, which is prevented from buoying to the surface and releasing the heat to the ambient due to density stratification



# Issues & Initiatives

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- ❖ Earmarks
- ❖ Washington DC Trips -Relationships
- ❖ Red Bayou Irrigation
- ❖ Caddo-Bossier Flooding

# Red Bayou Irrigation NRCS



## Location



Pump Water from  
Red River Into  
Red Bayou

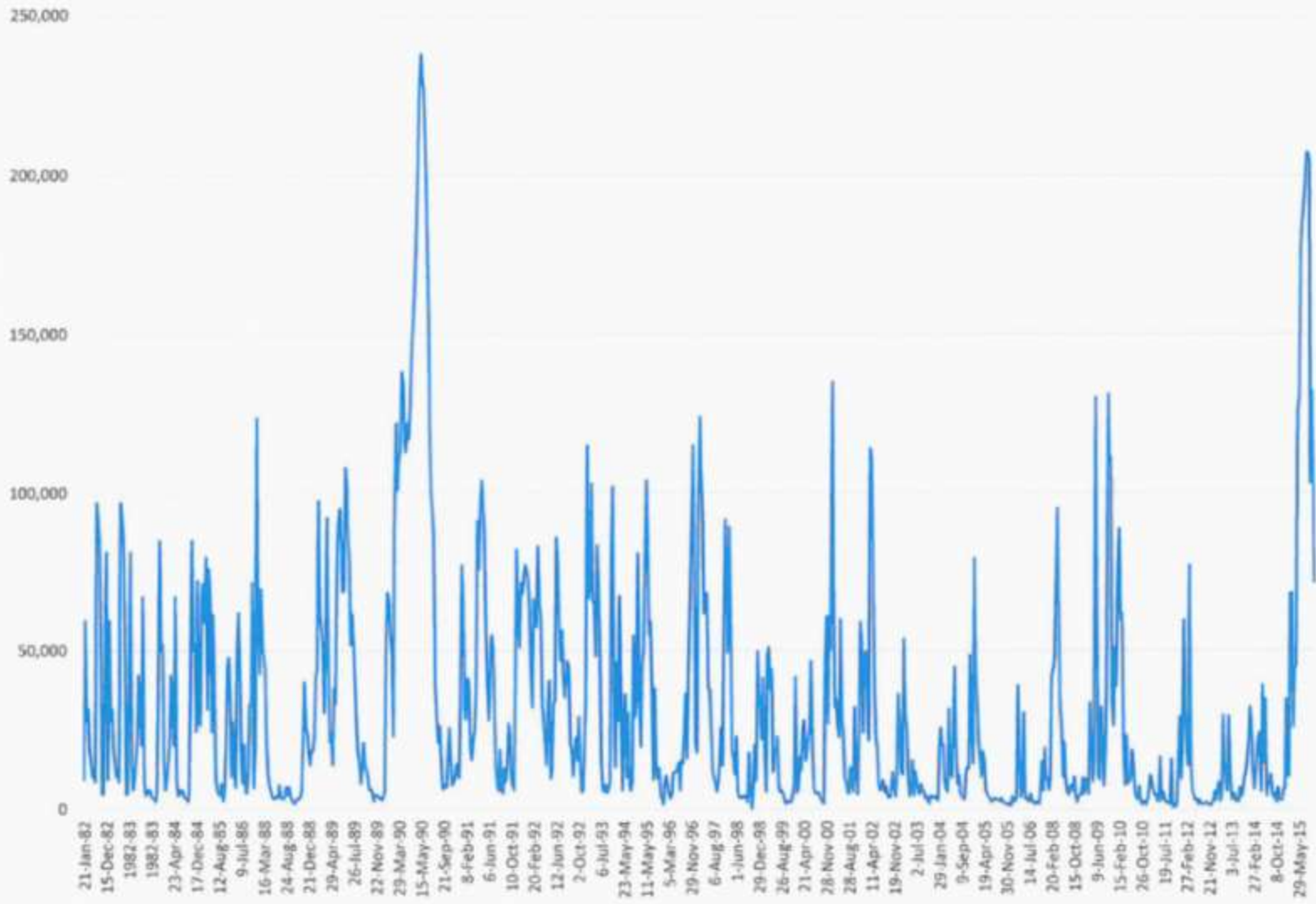
16,500 acre  
Watershed

10,700 acres  
currently in crops

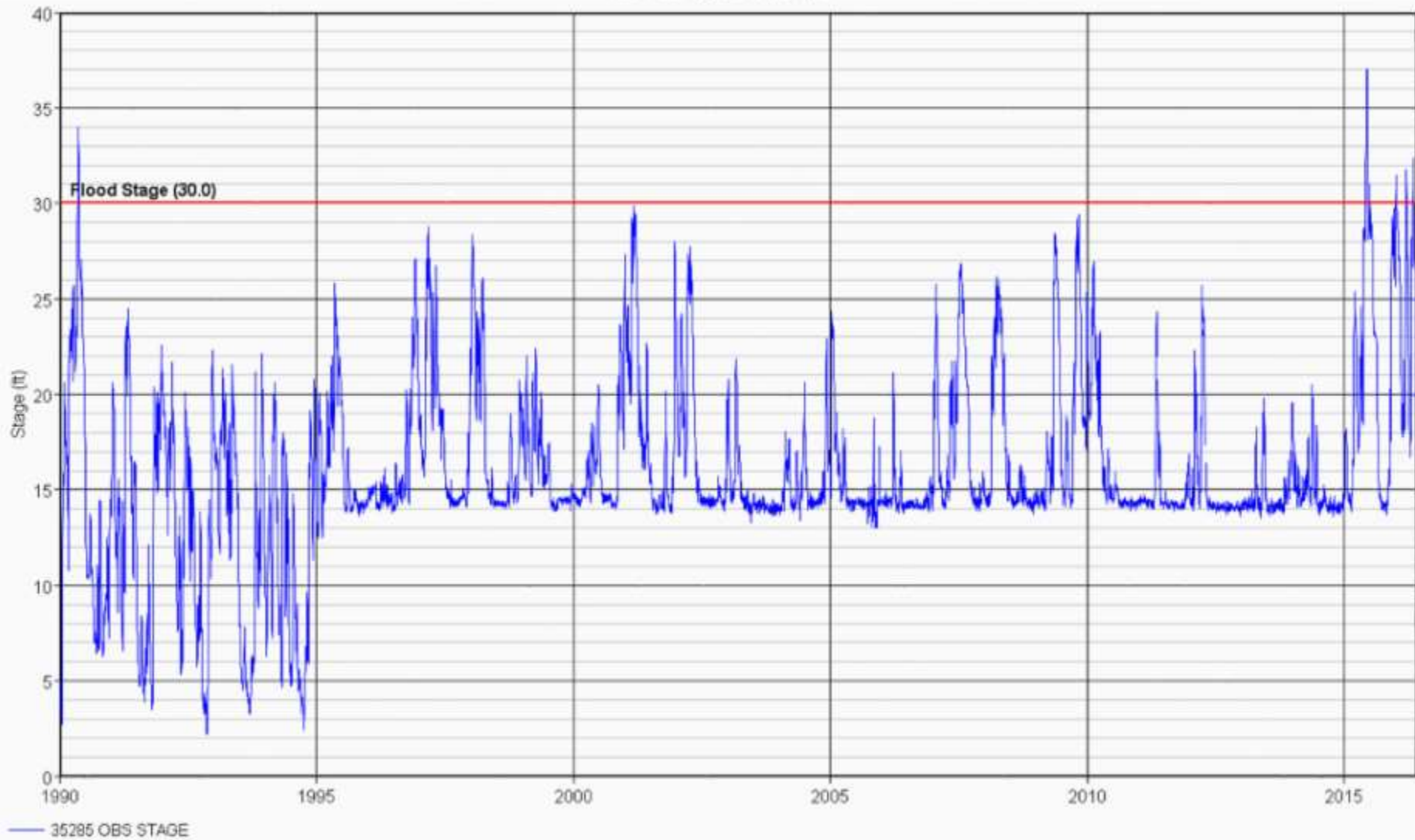
Helping  
People  
Help the  
Land



CFS - Shreveport 1982 - July 2015



Red River @ Shreveport, LA



— 35285 OBS STAGE



# Cause & Affect

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- Higher Crests With Lower Flows
- 1990 as Compared to 2015
- Lock & Dam / Navigation Project – Siltation
- Urbanization
- Active Hydraulic & Sedimentation Survey by Vicksburg District
- Local Political Issue – Must Wait Until Data is Collected & Analyzed
- Determine Magnitude of Siltation v Urbanization



# Questions / Discussion

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