Statewide Objectives



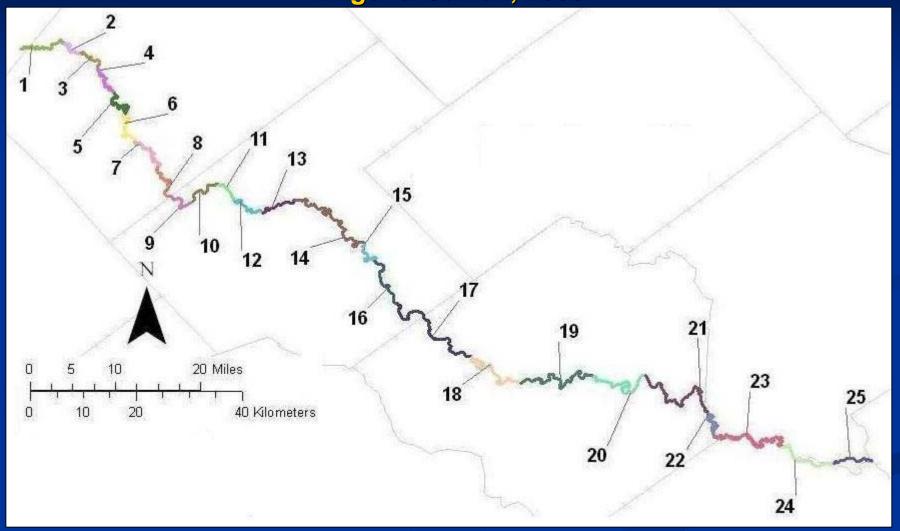
Geomorphology

Examine status of geomorphic processes within the system

Deposition Headwaters **Transfer** characteristic stream discharge **General Zones** of a River channel width channel depth mean flow velocity Drainage Area (~downstream distance²)

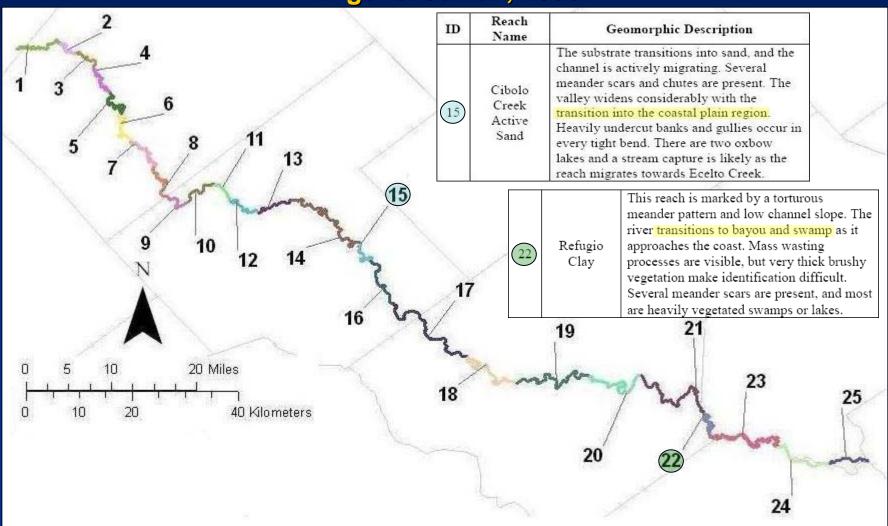
Geomorphic Classification

Engel & Curran, 2008

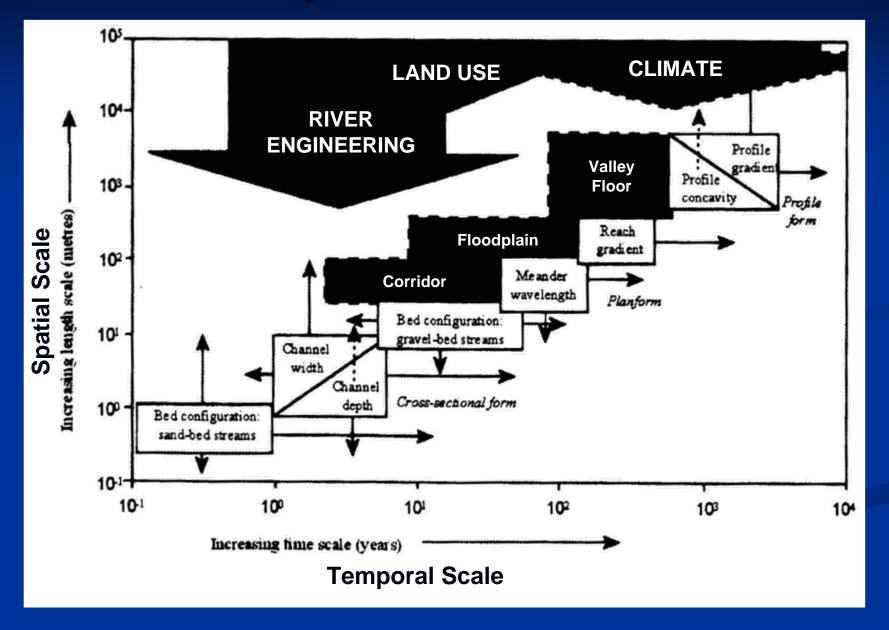


Geomorphic Classification

Engel & Curran, 2008



The Importance of Scale



Lower San Antonio River System Objectives

Geomorphology

- Determine and balance the geomorphic effects of different flows, including:
 - channel migration
 - positive and negative effects of overbank flows
 - woody-debris dynamics