# IBWC Citizens Forum

# Binational Projects Report

Imperial Beach, Nov. 14, 2006

## Oscar Romo

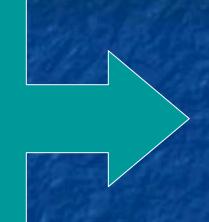
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# **Sediment Control**

#### **Present Situation**

**Vision** 

Smugglers Gulch and Goat canyon, are regularly impacted by alluvial sediments and pollutants transported by storm water from Mexico. This flows diminished wetland habitat in the TRNERR



Develop low cost, pilot projects to reduce erosion at the source, identify appropriate sites, to build and maintain sediment basins in Mexico. Help create public policies and city ordinances for erosion control in Mexico

- 1.- Develop alternative slope stabilization measures in the selected areas as examples of good practices
- 2.- Work with the Tijuana city council to develop city ordinances and modifications to the present construction codes
- 3.- Identify funding sources and political support for the construction of Sediment Basins at selected sites in the watershed















## Sewer

#### **Present Situation**

**Vision** 

Untreated sewage has created a series of human health and environmental problems impacting communities downstream both in Mexico and the U.S.



- 1.- Develop a "condominal" pilot project on a selected site to demonstrate it's feasibility
- 2.- Seek a technical partner to develop the engineering design
- 3.- Obtain the discharge permits from the appropriate authorities
- 4.- Operate the system in partnership with the water authority







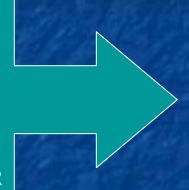


## Trash

#### **Present Situation**

**Vision** 

Tire and trash accumulation is severe and is threatening natural resources throughout the Tijuana River Valley. Last year, over 4000 tires were collected at the mouth of Goat Canyon, located at the TRNERR



Establish a trash and tire recycling program in Mexico to eliminate flows of debris into the Tijuana Estuary. Develop public policies and agreements between Mexico and the California integrated Waste Management Board.

- 1.- Improve trash collection in Mexico
- 2.- Develop mechanisms for cleaning trash and tires so they can be recycles
- 3.- Develop mechanisms for limiting the spread of trash as it reaches the Tijuana Estuary, making it easier to collect
- 4.- Help develop city ordinances in Tijuana for the appropriate use of tires for retaining walls





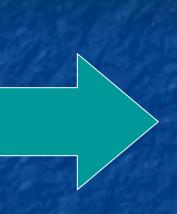


## **Conservation Easements**

#### **Present Situation**

#### **Vision**

Canyons, creeks and flood planes, subject to rapid degradation are been rapidly urbanized. As this areas are not suitable for development loose of habitat and soil create hazardous conditions



Create several conservation
easements at selected sites to
help maintain the ecological
character of sensitive areas
as well as to reduce environmental
degradation of the watershed

- 1.- Identify potential sites for conservation easements in the vicinity of the Tijuana Estuary
- 2.- Obtain the "Conservation Easement" designation from the appropriate authorities in Mexico, the State of Baja California and "Open Space" designation from the Tijuana City Council.
- 3.- Establish management plans for the easements
- 4.- Seek further levels of protection from national and international agencies.



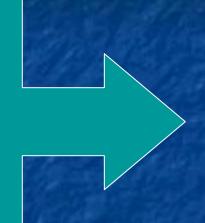


## Regional Planning

#### **Present Situation**

**Vision** 

Unplanned urbanization, lack of functional and spatial articulation, lack of basic infrastructure conditions of marginality and extreme poverty, create unprecedented environmental degradation



A plan for urban improvement based on geographical features (i.e. watershed boundaries), will potentially change the perception of urban planning, and city ordinances, to identify and conserve ecologically fragile areas

- 1.- Assess the physical elements that constitute the natural subsystem
- 2.- Prevent, control, correct and or reverse imbalances in the natural subsystem
- 3.- Establish a spatial definition to define appropriate land uses
- 4.- Create a risk and vulnerability index for the region (sub-basin)
- 5.- Strengthen the mechanisms of interaction between government and civil society
- 6.- Turn recommendations into public policies









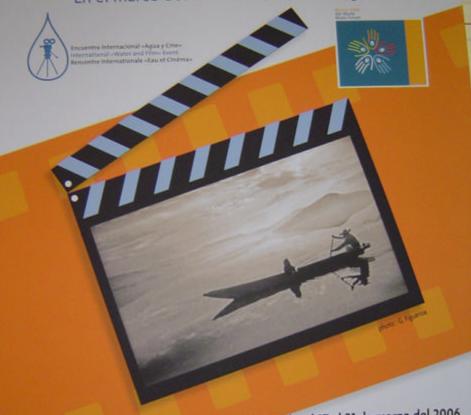






Primer Encuentro Internacional "Agua y Cine"
Premiere Rencontre Internationale «Eau et Cinema» First International "Water and Film" Event

En el marco del IV Foro Mundial del Agua



En el Centro Banamex y en la Cineteca Nacional Del 17 al 21 de marzo del 2006





























