Aztec Technology: Aqueduct, Chinampas

-Serafin Moreno
Aztec Aqueduct

- **Chapultepec**: Dual aqueduct system
  - Uninterruptable flow of water
  - One tube provided water, while the second was being maintained
  - Source of water → Sierra Nevadas

Few societies in the world had accomplished in building functioning aqueducts
Aztecs aqueduct:

- Dual tube water system
- 5 ft. high, 3 ft. wide
- Provided Tenochtitlan with fresh water
  - Spouts, fountains, reservoirs
AQUEDUCTS:

- PROVIDED TENOCHTITLAN WITH FRESH WATER
  - SPOUTS, FOUNTAINS, RESERVOIRS...

Adaptive land Management:  
*Chinampas*

- “it is now clear that Chinampas were employed long before by lowland Maya” (Woodard, Spencer. 2011)
- Chinampa Researcher from Antioch College, Ohio.

- Floating gardens used for agriculture purposes:
  - Grow the 3 sister plants of Mesoamerica: Corn, beans, Squash
  - Artificially made/man made
  - Components:
    - Mud, Willow trees, reeds, dead vegetation, compost, etc...
  - Willow Trees used to anchor the floating beds
Chinampas:

Usage today:

- DUBAI, PALM ISLANDS


- 94 million cubic meters of sand
- **Construction**: 2001-2006
Modern day Mega-structure: Palm Island, Dubai

- Shows how even today we are using “Chinampa technology” to maximize land
  - Concept of MAN-MADE land


