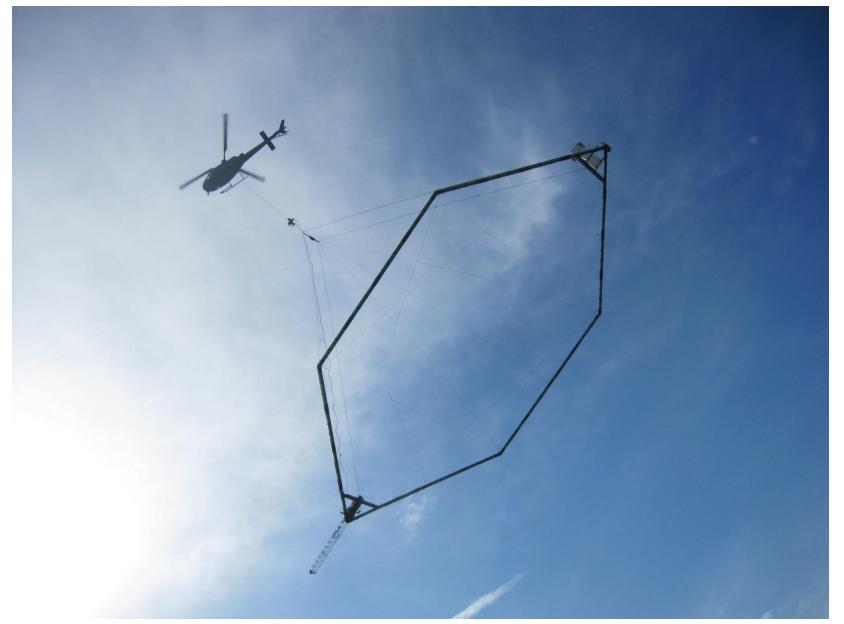
# Airborne Electromagnetics in the Marina Area

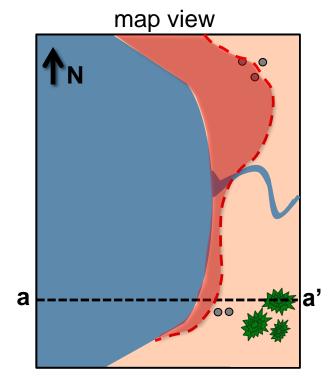


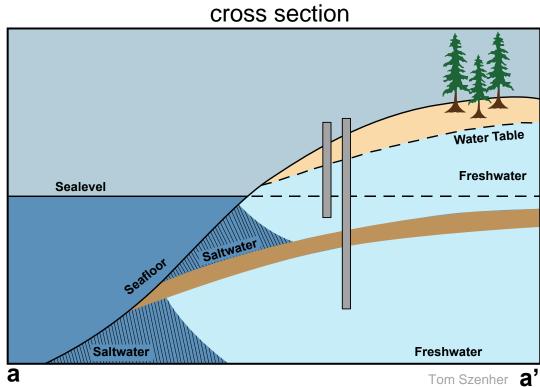
Marina Coast Water District lan Gottschalk and Rosemary Knight, Stanford University Aqua Geo Frameworks, Mitchell, NE

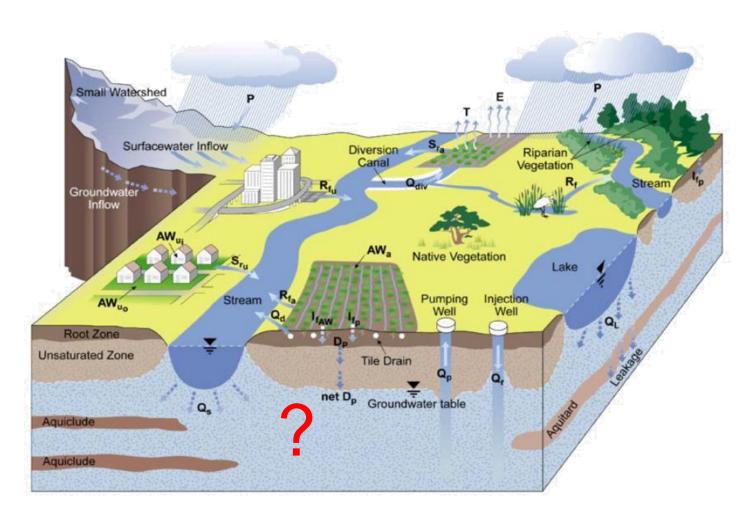


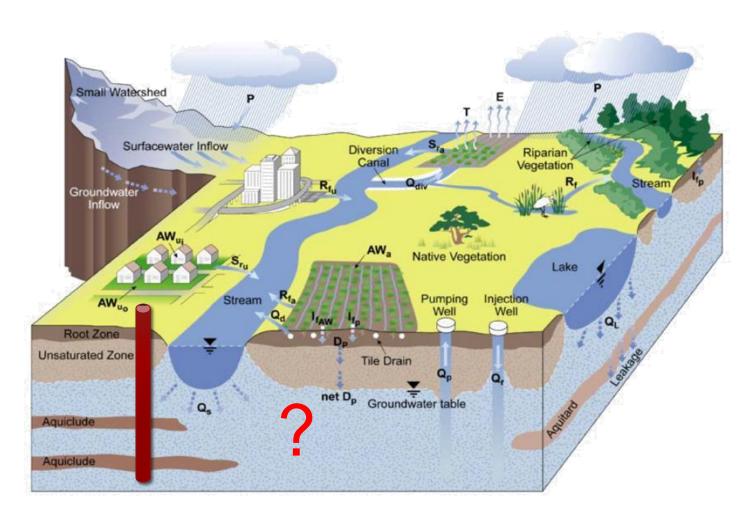


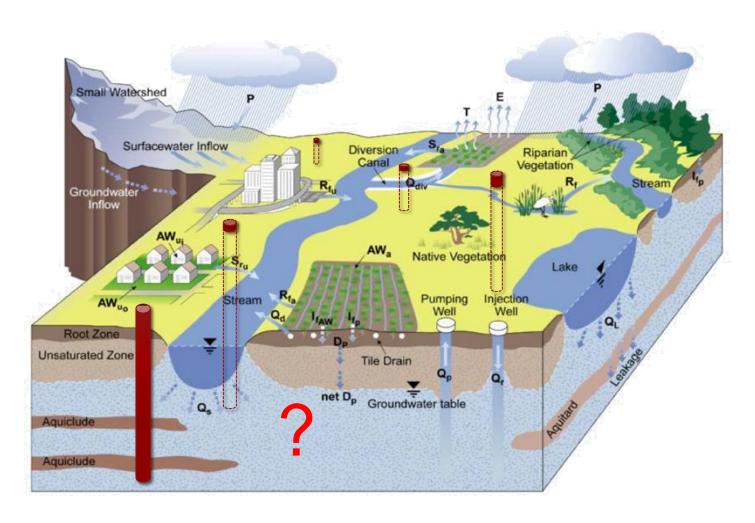
#### **Saltwater Intrusion**



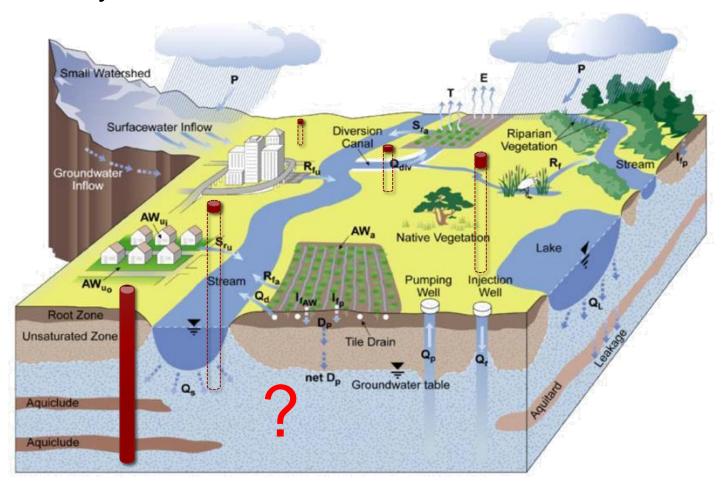




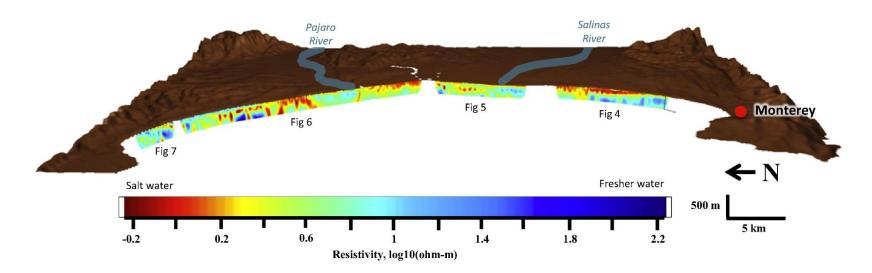




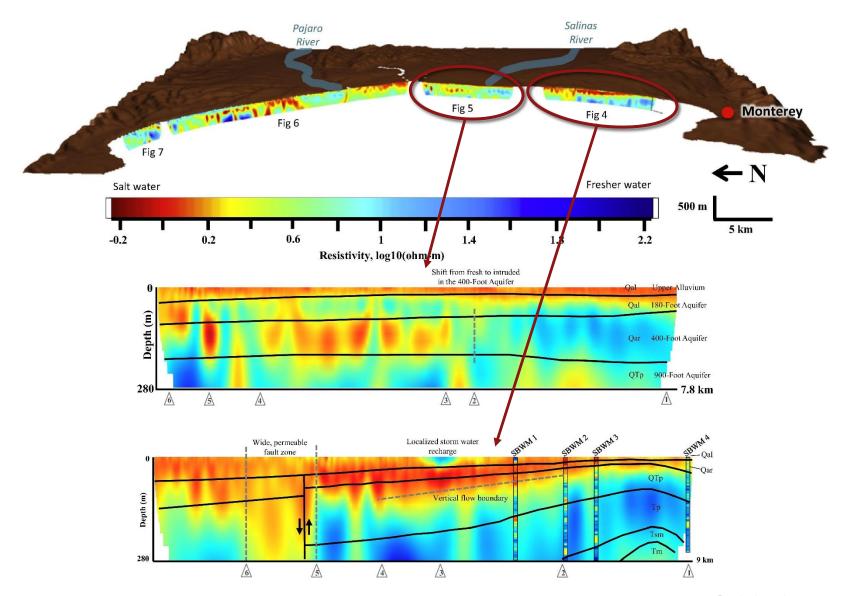
Complex scenarios can be difficult to decipher, even with many wells drilled



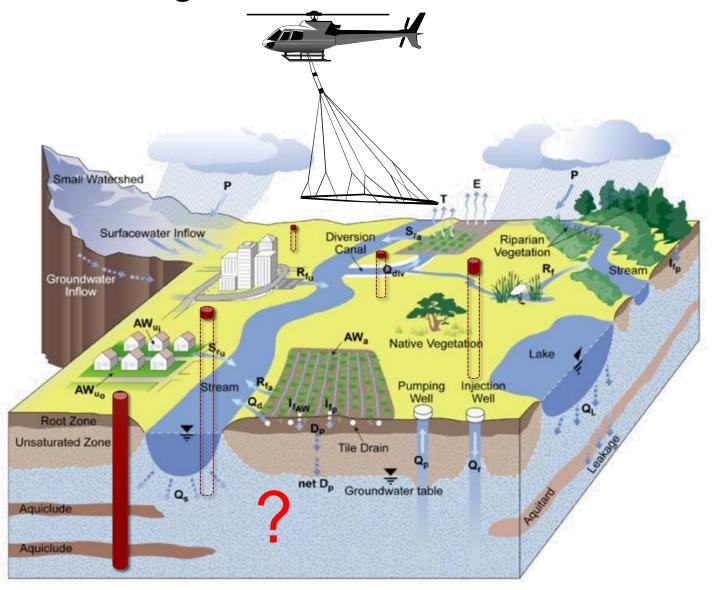
#### Geophysics as a method to learn about the subsurface



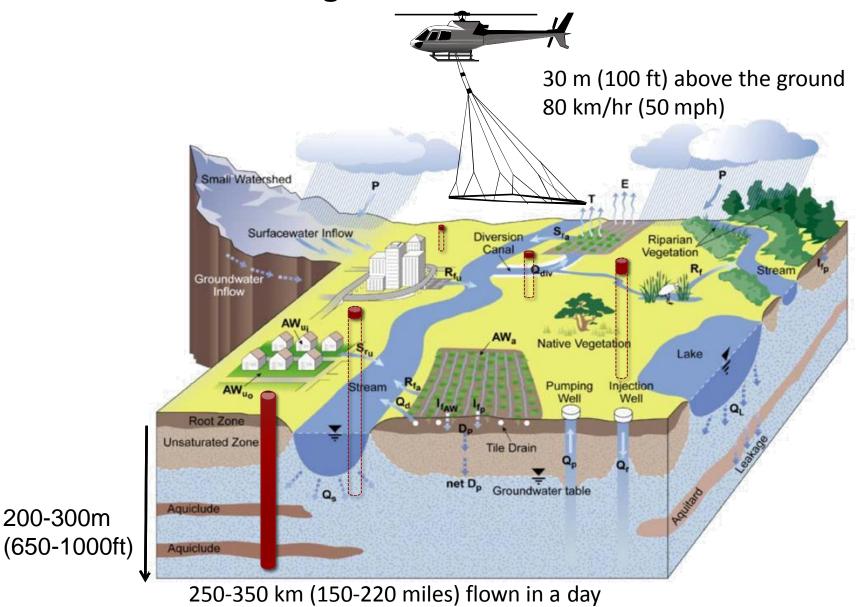
#### Geophysics as a method to learn about the subsurface



#### **Airborne Electromagnetics**



#### **Airborne Electromagnetics**

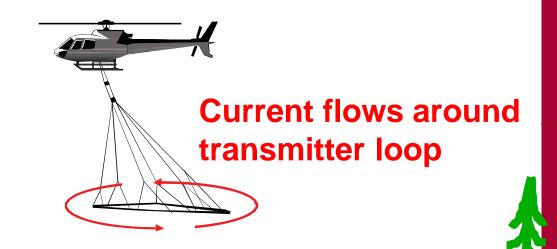


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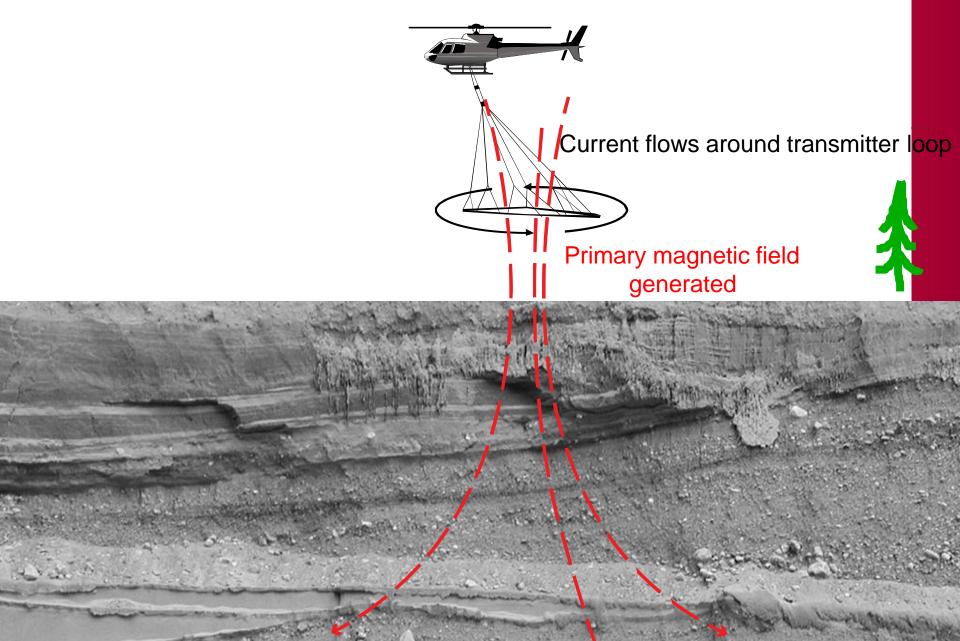


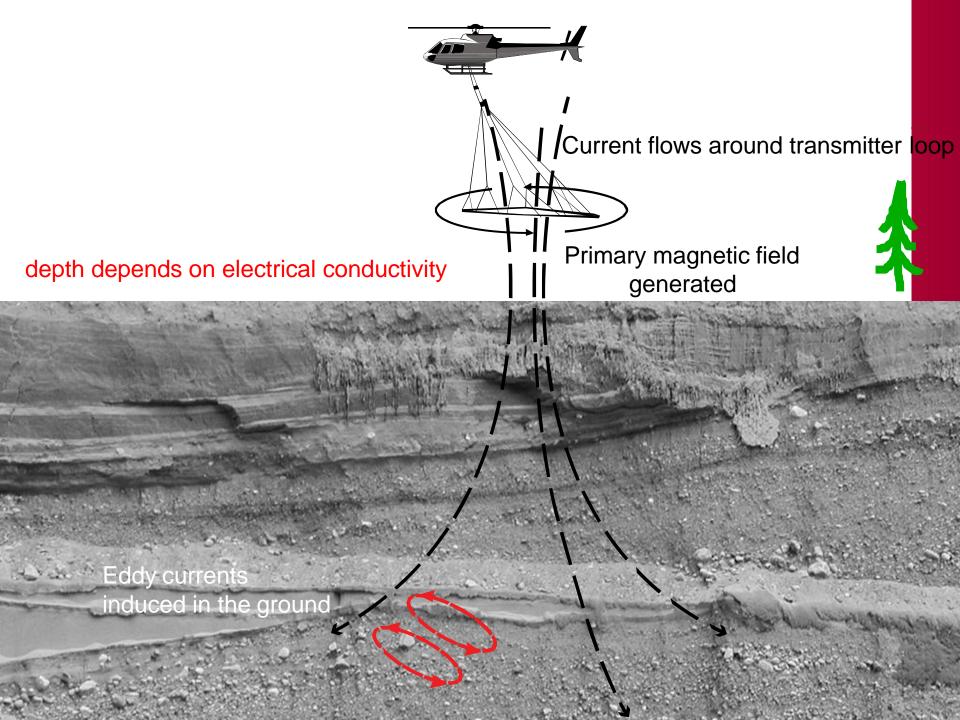


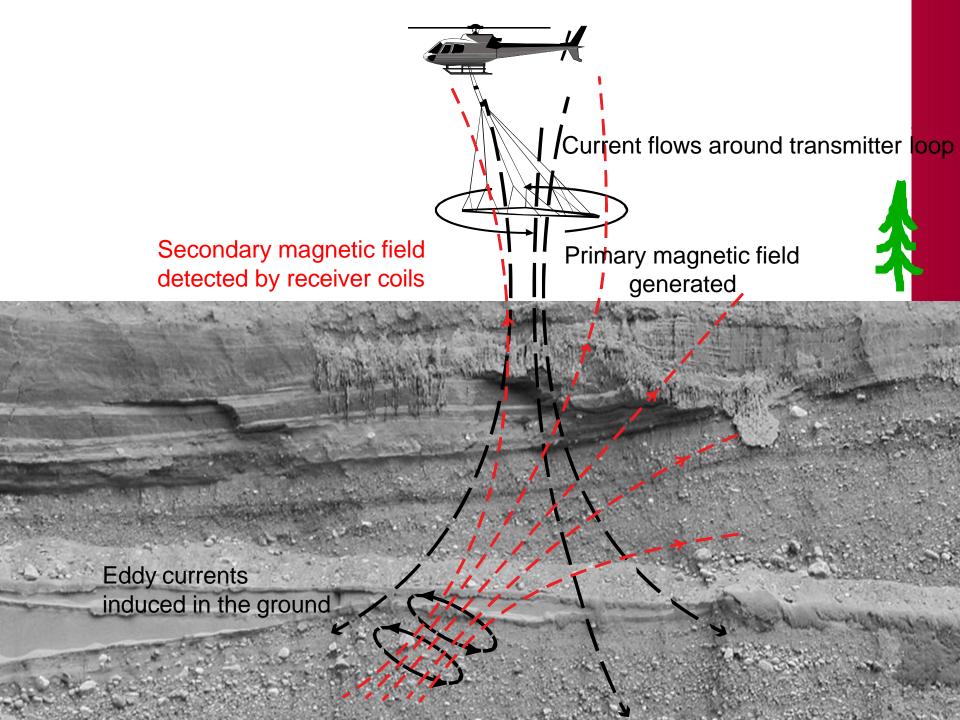




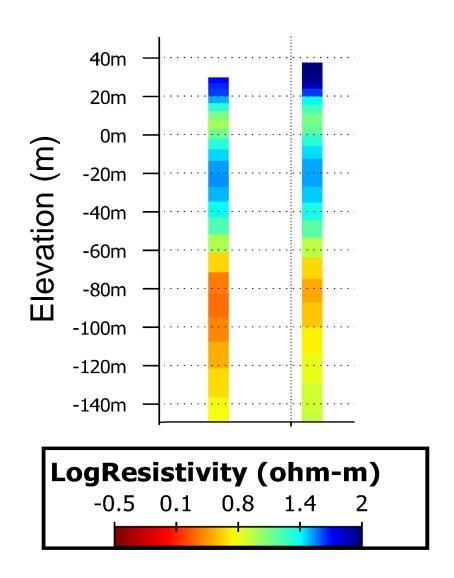


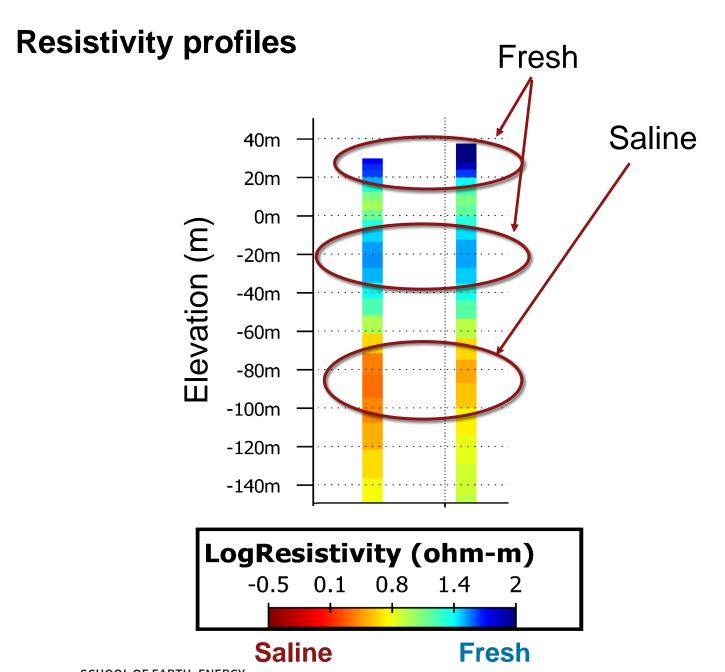


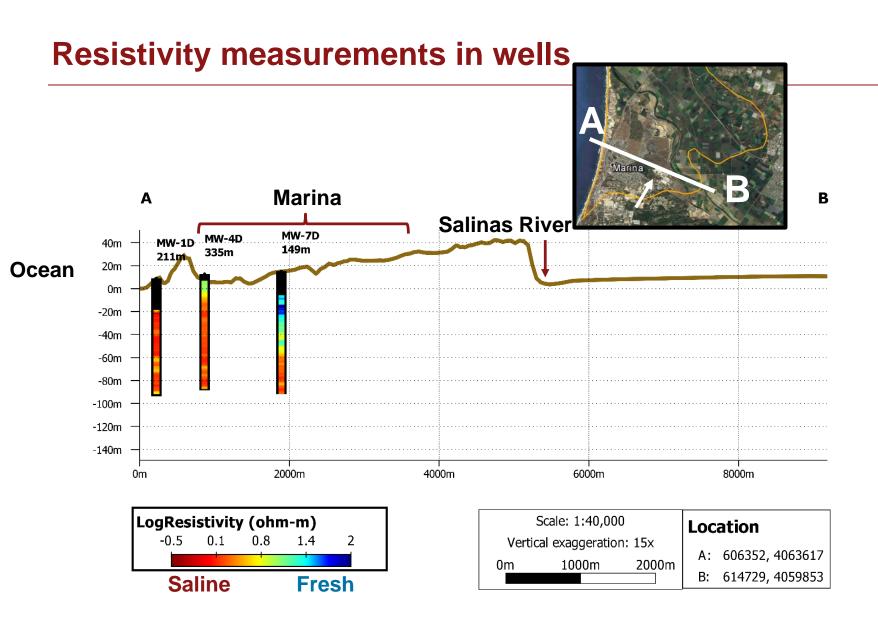


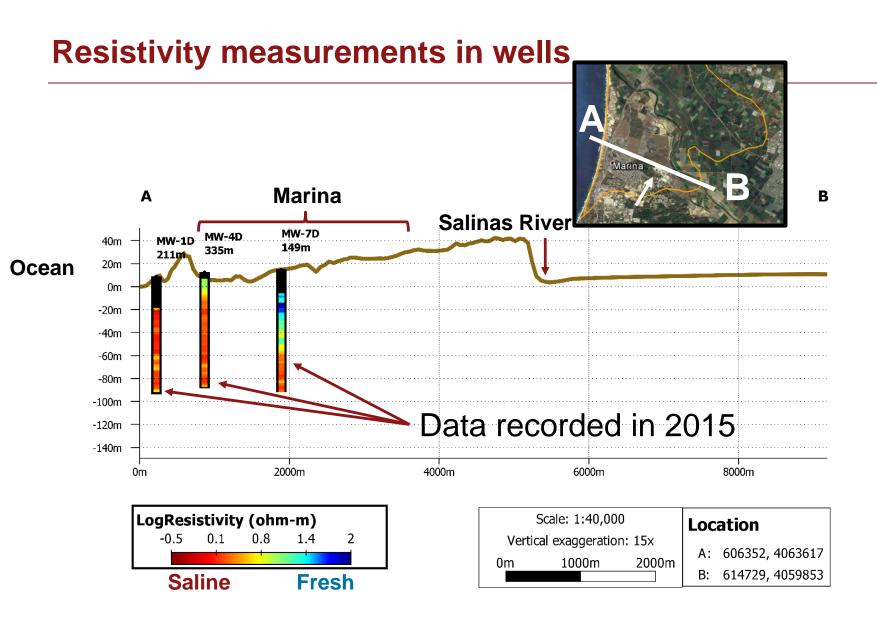


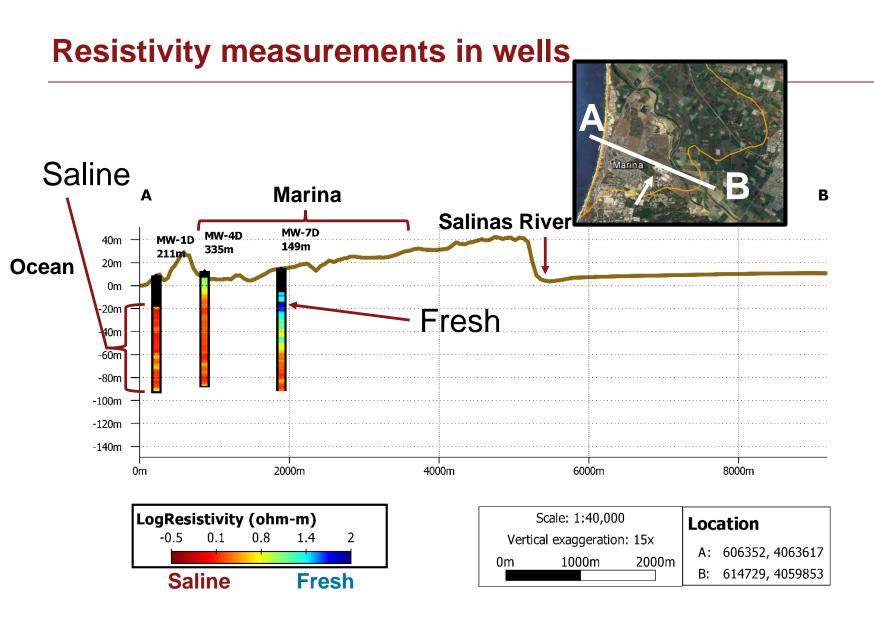
#### **Resistivity profiles**

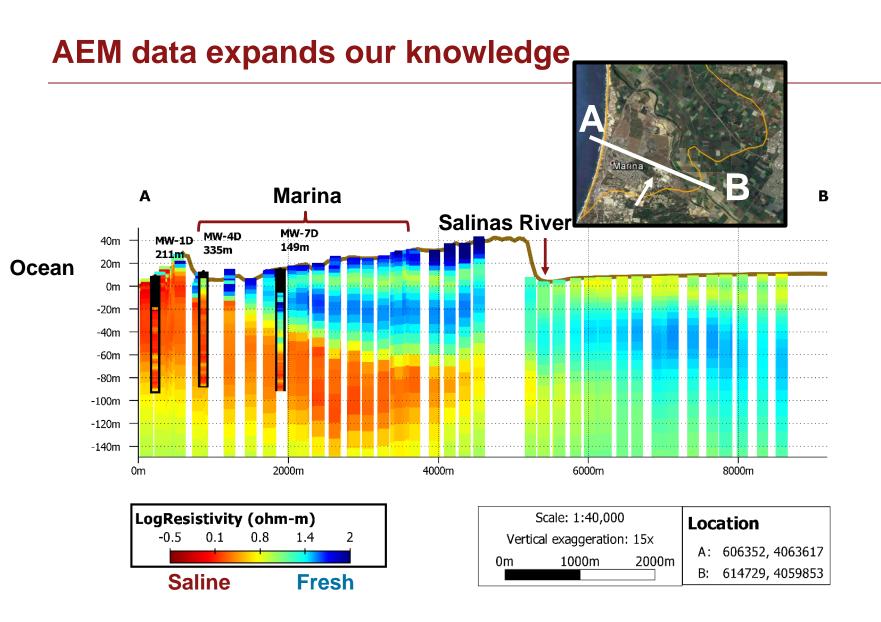


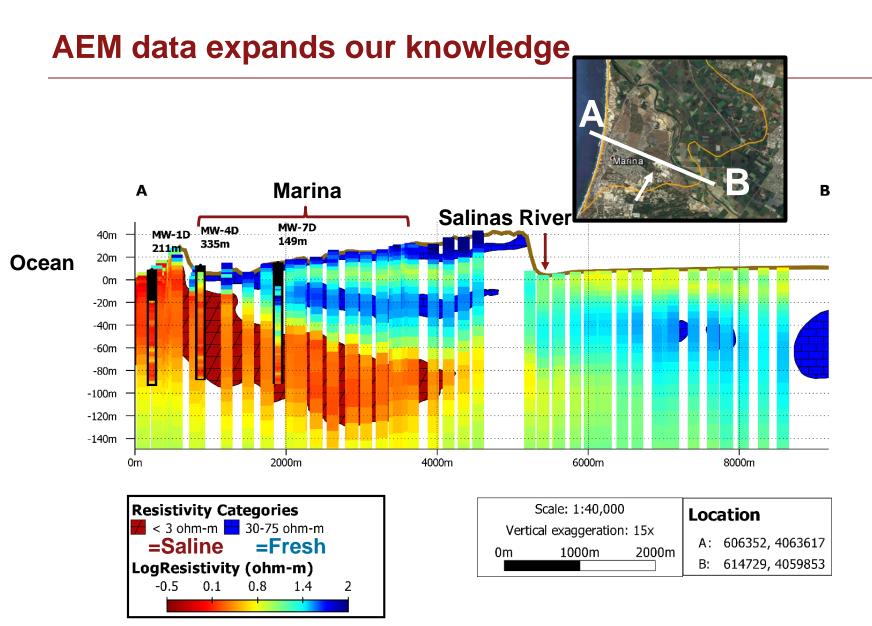


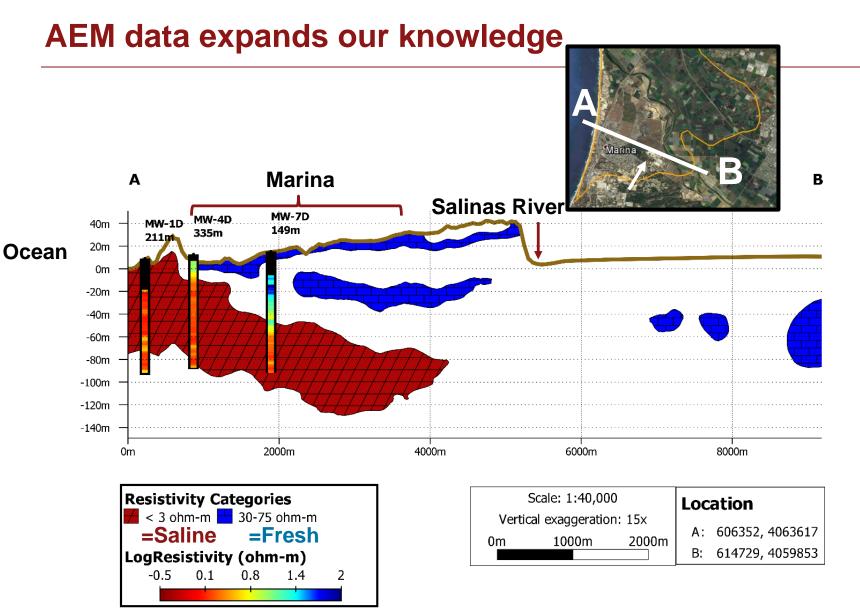




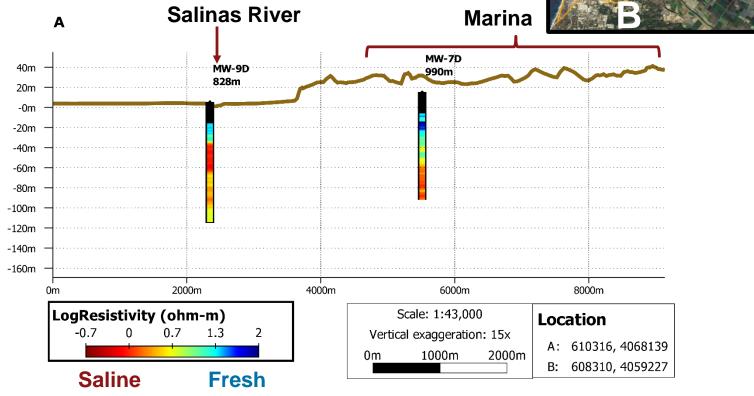


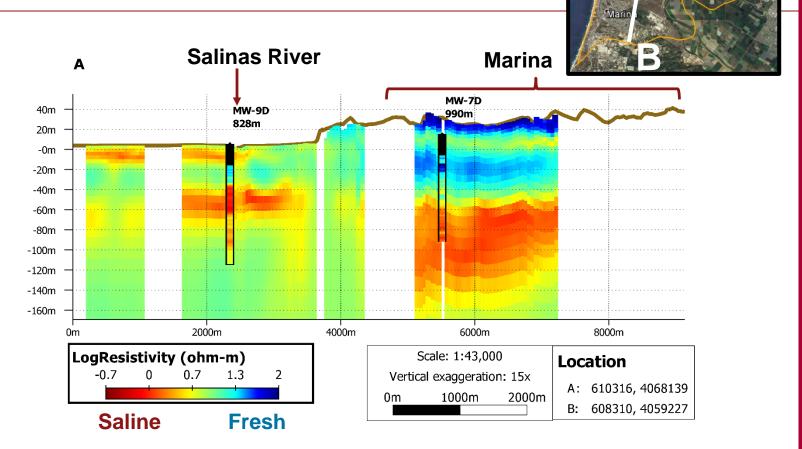


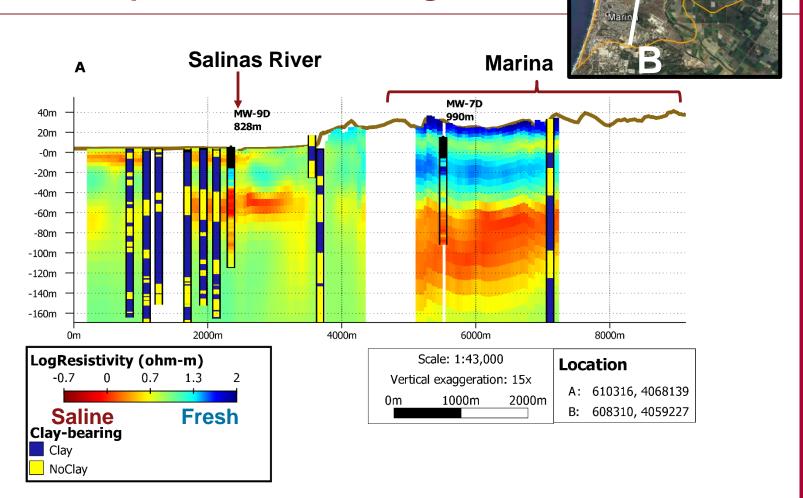


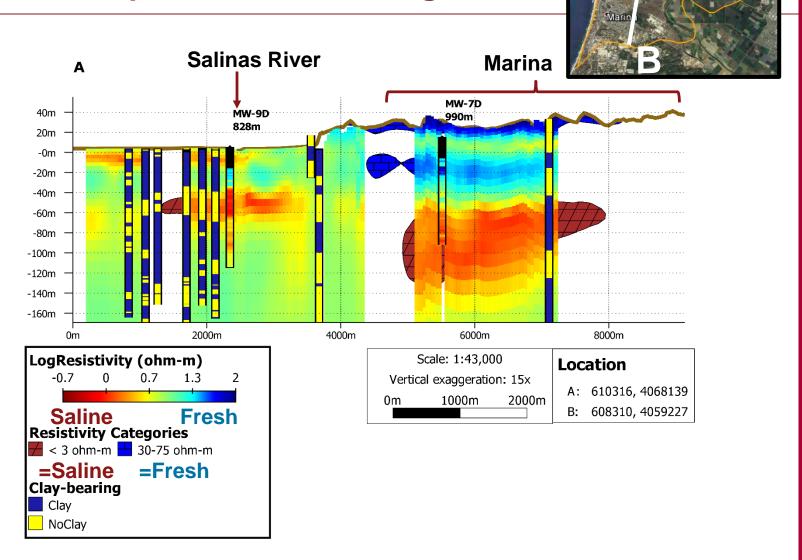


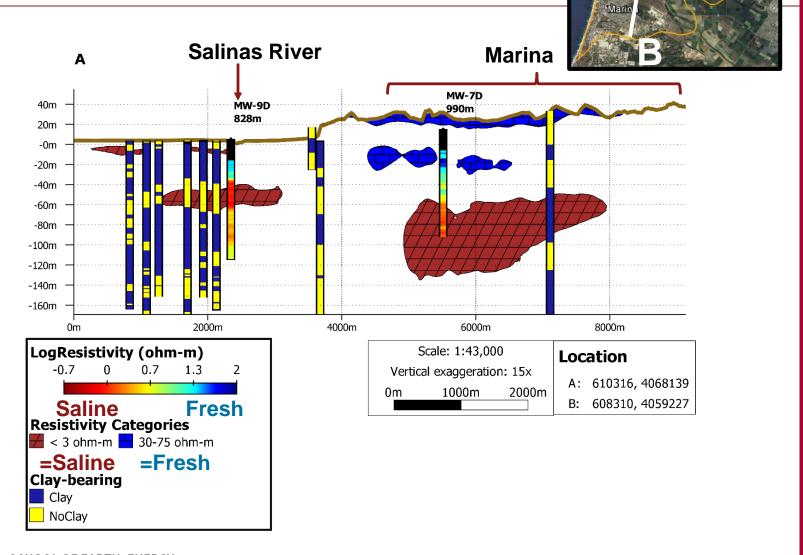








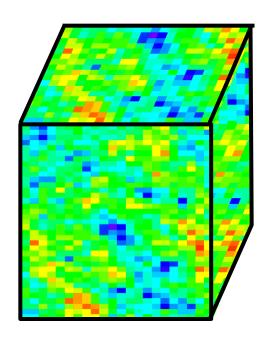




#### The data in action (video clip)

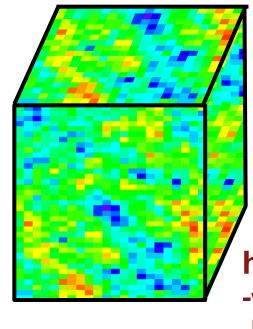


#### **Moving forward**



## geophysical properties that we measure

#### **Moving forward**



geophysical properties that we measure



hydrogeologic information that we want

- -water quality
- -hydraulic conductivity

### **Thank You**



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