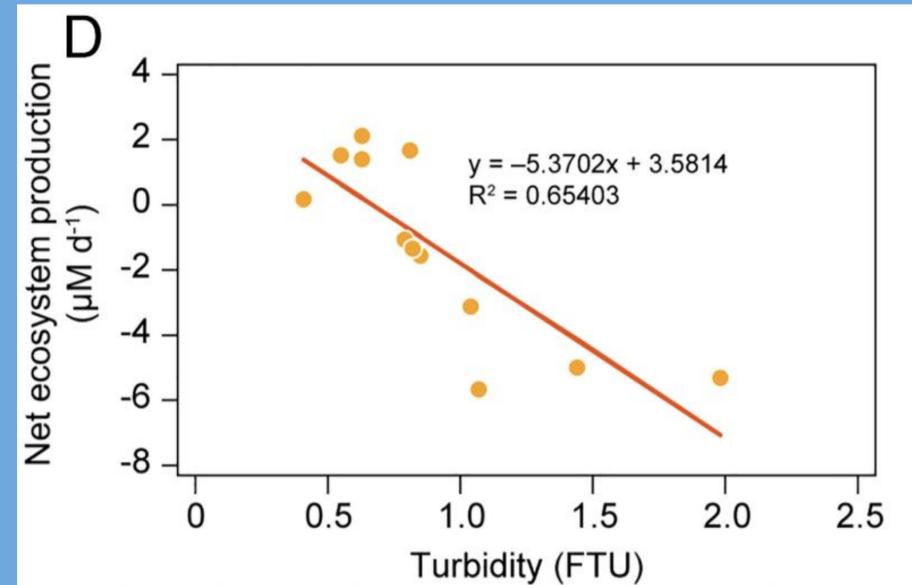


HOW WILL THE LAGUNA BEACH COASTLINE MOVE AND CHANGE OVER THE NEXT FEW YEARS?

WHY IS THIS IMPORTANT?

- Educating Laguna Beach homeowners on how to stay safe
- Protect sea life and vital oceanic ecosystems
 - High water turbidity (murkier water) from sediment deposition = decreased sea life growth



WHAT MAKES THIS RESEARCH UNIQUE?

- no research conducted on coastal erosion in Laguna Beach specifically since 1992

WHAT KIND OF DATA?

- Quantitative
 - satellite imaging + GIS layering
 - GIS - Image + data layering system to easily visualize and compare data



IN ONLY **10 YEARS**, PARTS OF THE SAN CLEMENTE COASTLINE HAVE RETREATED BY OVER **160 FT**

