

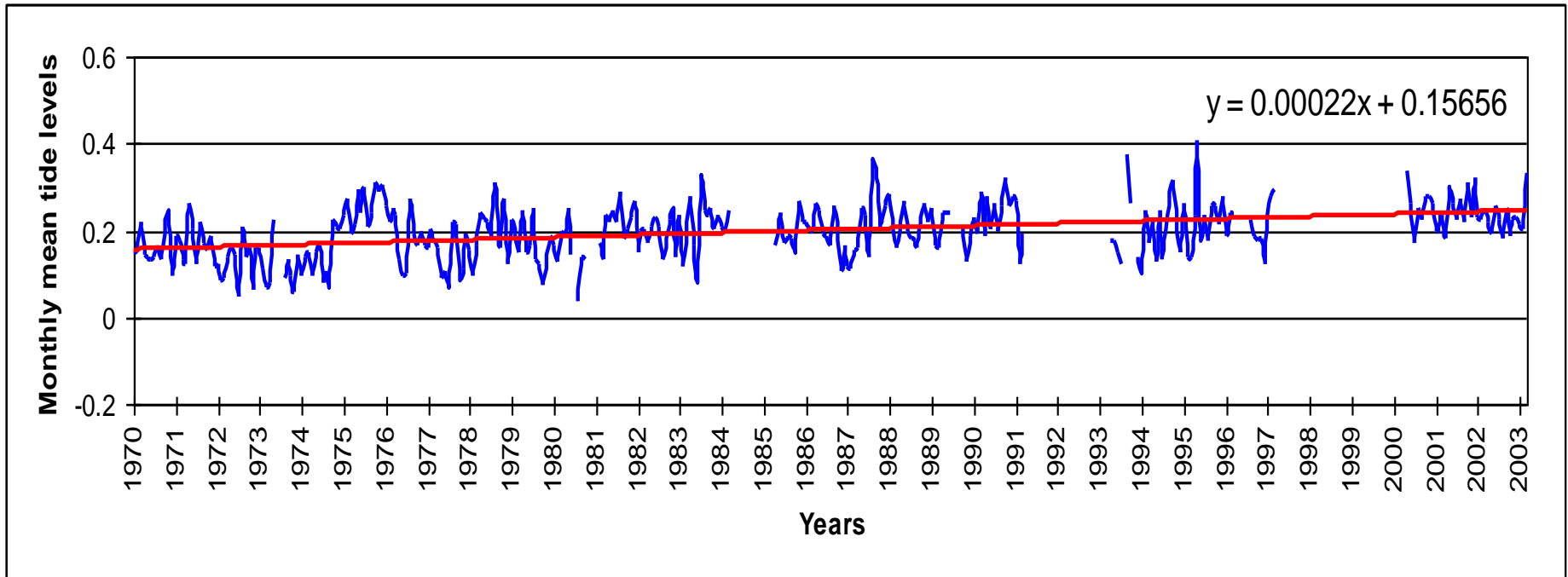


# Sea level rise

June 2023

Presenter: Dr Andrew A Mather Pr. Eng.

**How is climate change expected to impact upon your sector, and Can you provide examples where such impacts are already being observed?**



**$2.7 \pm 0.05$  mm per year**



Photo's: D Phelp.

# Amanzimtoti in Jan 2007



# Amanzimtoti in July 2007

**Av. 90m**



**Please provide an overview of how your sector is addressing climate change and any challenges you are experiencing.**

- **Set Back or Coastal Management Lines**
  - Coastline has sea level rise scenarios in our GIS
  - All development applications are refer to Proj Exec: Coastal Policy for approval.
- Sand mining application EIA's are assessed in terms of sediment.
- Challenges: Time

# **Please describe budgetary commitments made that address climate change challenges identified above.**

- Staff time since 2007 is estimated at R1,6m
- Ongoing OPEX
- A number of adaptation projects have been identified and proposed to be undertaken in house at minimal cost