D-Disaster

Amsterdam North Sea Flood of 1953

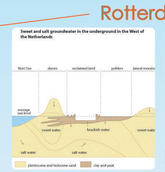
Before

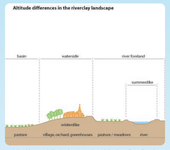
Shore Dikes & Dunes

Afsluitdijk
Dam of Southern Sea/Ijselmeer

Ijmuiden

Rotterdam, Zeeland dikes





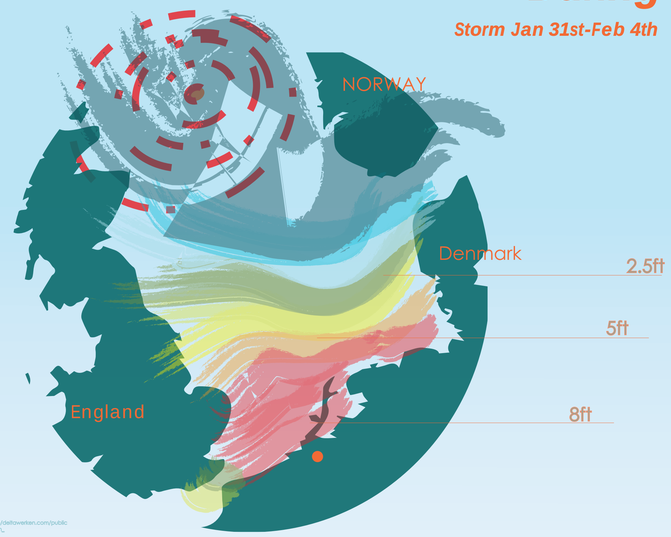
- Netherlands below Sea level
- Weak dunes , dikes, & sea locks
- Climate Change (Storm formed south Iceland)

- Low budget & spending hierarchy
- Slow plan execution of the Afsluitdjk dam of Cornelis Lely

- WWI & WWII Dikes bomebed (Advantage for Dutch army)
- Continuous flooding
- Taxes Cut to afford repairs

During

Storm Jan 31st-Feb 4th

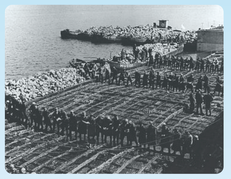


- Storm Surge 8 ft above Amsterdam sea level
- Brackish water filled polders(land reclaimed from sea)
- 89 Dikes broke

- Communications cut off between people & outside world
- Sand bags & supplies provided through air by army
- Rescue boats came from Netherland's Army & US
- 1,836 people dead

200,000 animals drowned
3,000 houses destroyed
40,000 houses damaged
3,000 farms damaged by salt water
772 miles flooded

After



- People sought refuge on the roofs
- People evacuated
- Goods moved to higher lands
- Red Cross ordered a stop to over-needed supply
- 100% of the furniture restored
- Queen Juliana & salvation army visited
- Minister Dees ordered dike restoration
- Delta Works law in effect by end of 1953

Dike building 1200-1500
St. Elizabeth Flood 1404
Golden Age 1500
All Saints' Flood 1570
Christmas Flood 1717
WWI 1914
Bill passed for Southern sea dam 1918
Dikes do not meet standard 1928 safety anymore
WWII 1939-1945
high water levels 1943
North Sea Flood 1953
Delta Law extension 1958
Euro official currency 2002
Chlorine free drinking water 2005
River program 2007
Delta works
Delta Works opened 2010
Sand Motor 2011
2nd part of Rotterdam 2013
Continuous Studies 2015
Ijmuiden lock 2019

St Elizabeth Flood 1421
Duke of Bavaria cut taxes
Saint Felix Flood 1530
1700
Shipworm in dikes
End of Golden Age
Queen Speech plan of 1913
Southern sea dam/Afsluitdijk
The North Sea Flood 1916

Gada Alhakeem
Arch 4374 World Cities
Vera Adams
Fall 2017