

The Wadden Sea: Prepare to Adapt with YPCC

by Robbert Misdorp ¹, Maria Ferreira ¹, Johan Krol ², Joop Marquenie ² and Tjark van Heuvel ¹

The Wadden Sea: valuable, but vulnerable

Growing population pressure



Growing economic pressure



Impacts of climate change

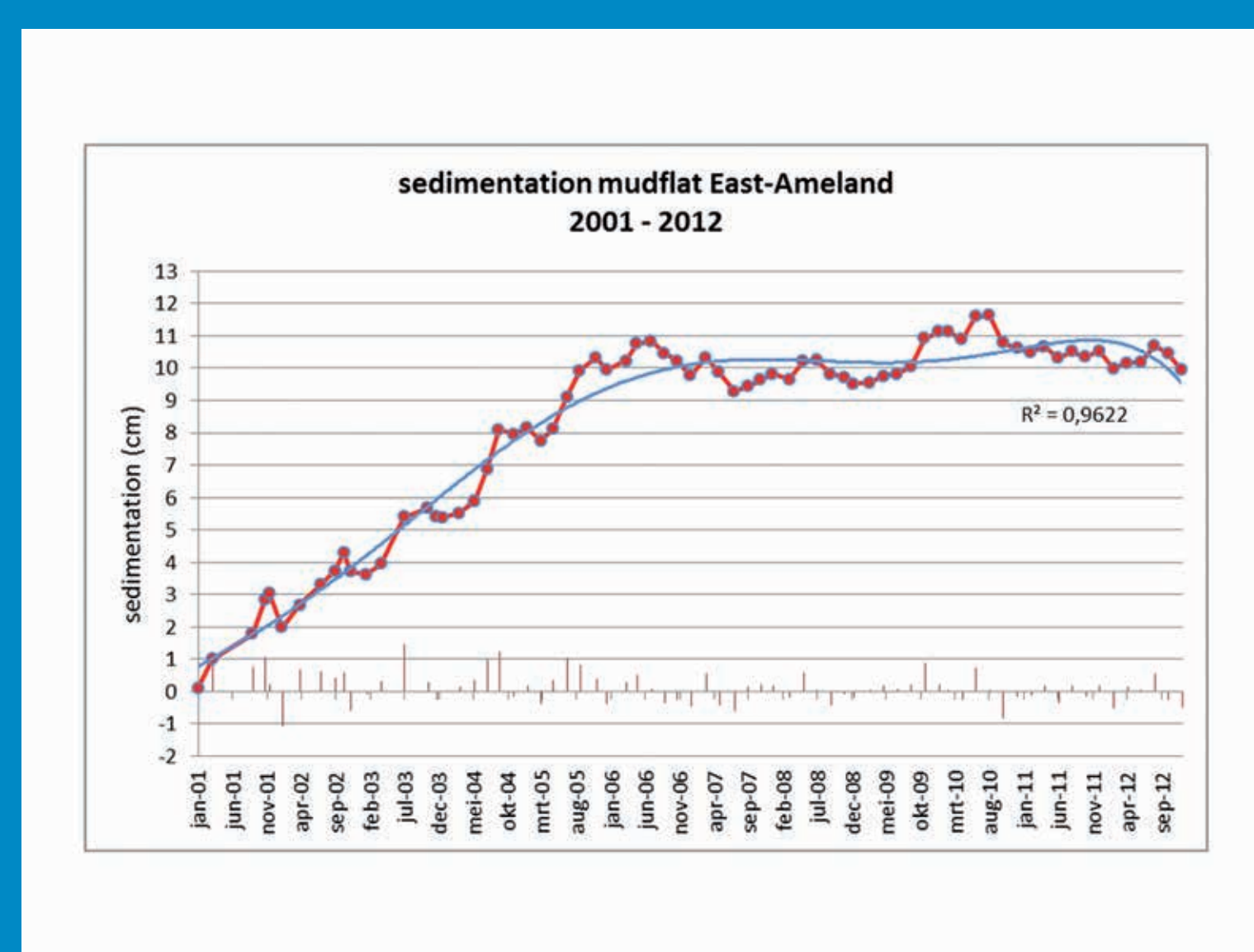


Monitoring of impacts: Ameland 25 years

Effects of uses



Subsidence of gas production:
maximum 1 cm/year
Surveys reveal threshold rates
of sedimentation, vegetation
adaptation, salt water intrusion



Effects of Sea Level Rise:
Monitoring for resilient beach
nourishments (safety) and
accommodation of habitats for benthic
organisms and migratory birds



Impact monitoring & knowledge exchange

Increasing awareness



YPCC workshops: lectures,
fieldwork, reporting, presentations
on international conferences using
Climate of Coastal Cooperation
(www.coastalcooperation.net)
experiences



**Students identifying future
measures**



¹⁾



Coastal & Marine Union (EUCC)
www.eucc.net

²⁾



Natuur Centrum Ameland
www.natuurcentrumameland.nl

The international Young Professionals' Coastal Community unites students, their teachers and directors, and a pool of international senior experts, analysing impacts and identifying adaptive coastal response options in an integrated fashion.

Are you interested, join the YPCC program:
www.ypcc.eu

