







Engaging with the  
*viscous porosity*\*  
of Morecambe Bay

\* after: *Tuana*, 2008





## HEST BANK

Carnforth High School

## MORECAMBE PROM

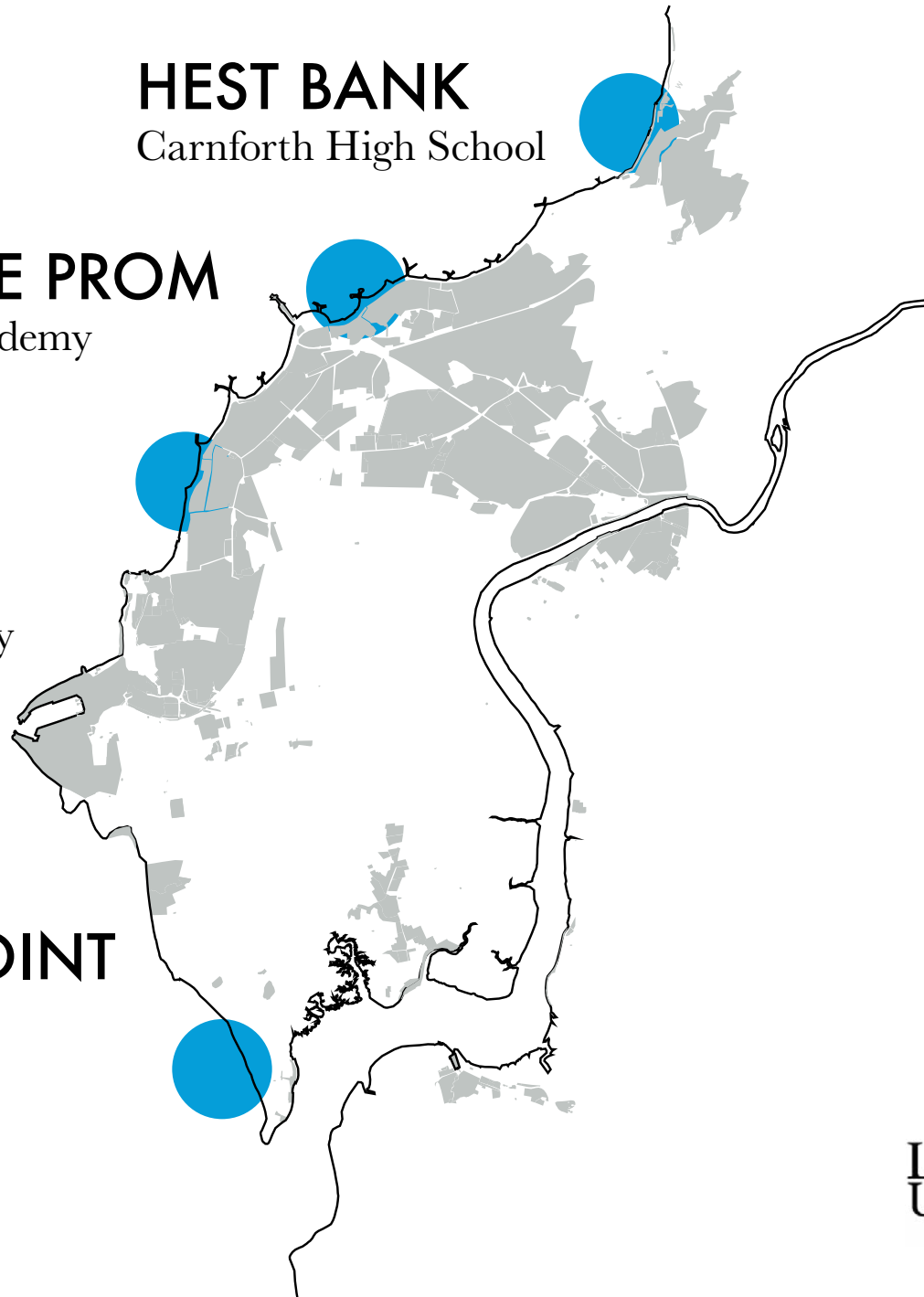
Morecambe Bay Academy

## SANDYLANDS

Bay Leadership Academy

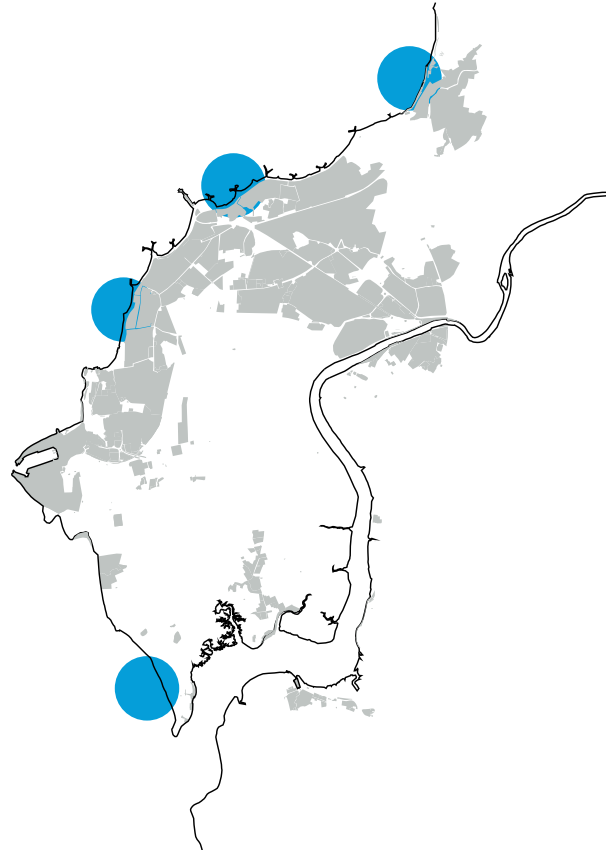
## SUNDERLAND POINT

Lancaster and Morecambe  
College



# DATA

# PARTNERS



## **Predictions and strategies:** Shoreline Management Plan

- *North West Regional Coastal Monitoring Programme*
- *Lancaster City Council (Coastal Risk Management Authority for the South Morecambe Bay coastline)*

---

## **Historical data**

Photographs, documents, personal histories

- *Lancashire Archives*
- *Lancaster Maritime Museum*
- *Heysham Heritage Association*

---

## **Monitoring**

Understanding current patterns of change through data collection and observation

- *Environment Agency*

# TEAM



**Joseph Earl**

Lancaster  
Environment  
Centre

**Dr Liz Edwards**

Future Places Centre  
(Lancaster University)

**Dr Serena  
Pollastri**

ImaginationLancaster

**Dr Suzana Ilic**

Lancaster  
Environment  
Centre





**FIELDWORK**





# FIELDWORK



PH. THE VISITOR, 1983

“After that the face of the resort was ***changed for ever,***” explains Chris.

“The council pressed ahead with a plan to improve the ***sea defences*** which has left us with the sea front we see today; less sand and beach, more groynes, those large boulders placed strategically to withstand the elements.”



## MAPPING HISTORICAL CHANGES



# UNDERSTANDING MODELS AND PREDICTIONS





Abby  
(Bay Leadership  
Academy)





Maya  
(Lancaster and  
Morecambe College)







Bowman and  
Amelia  
*(Carnforth High  
School)*

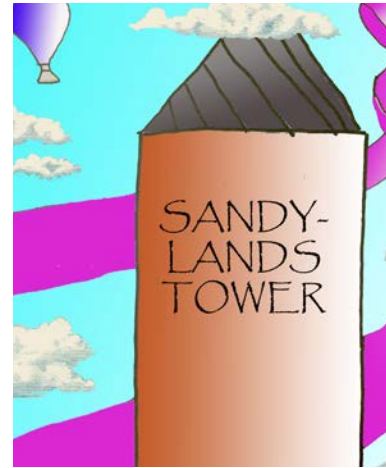
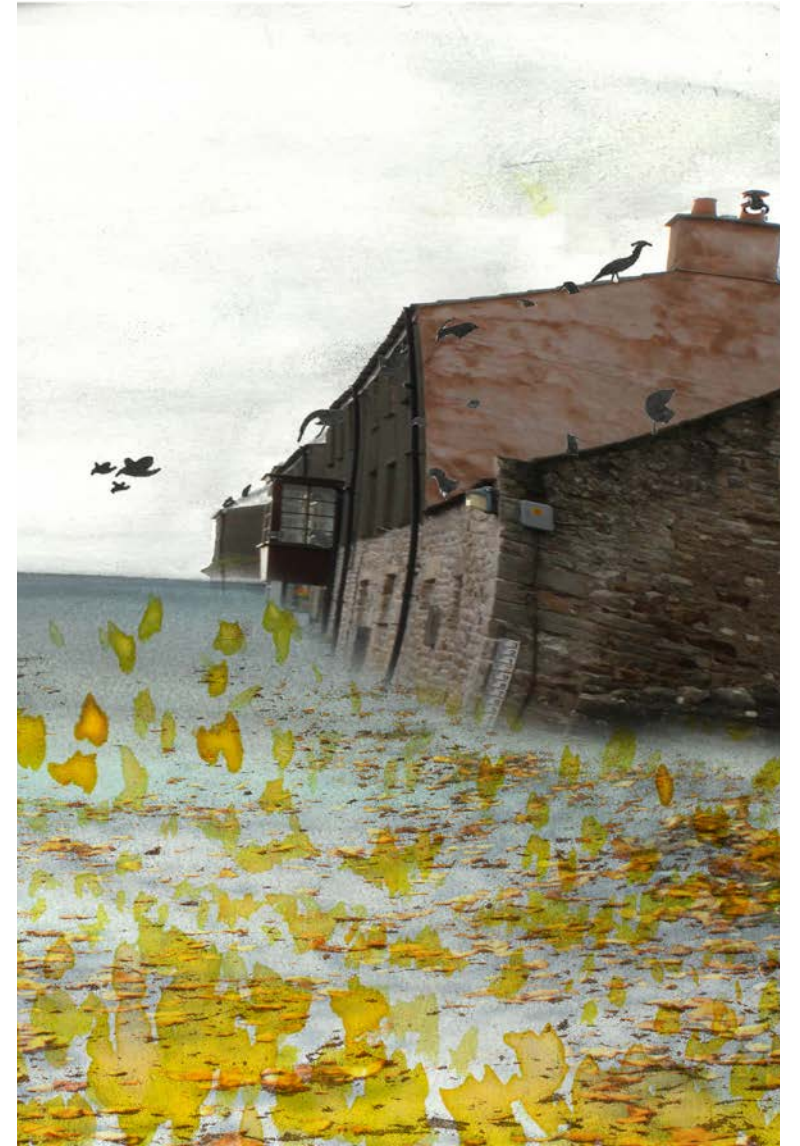


Adam  
(Lancaster and  
Morecambe College)





Toby, Jacob, Junior)  
(Morecambe Bay  
Axademy)







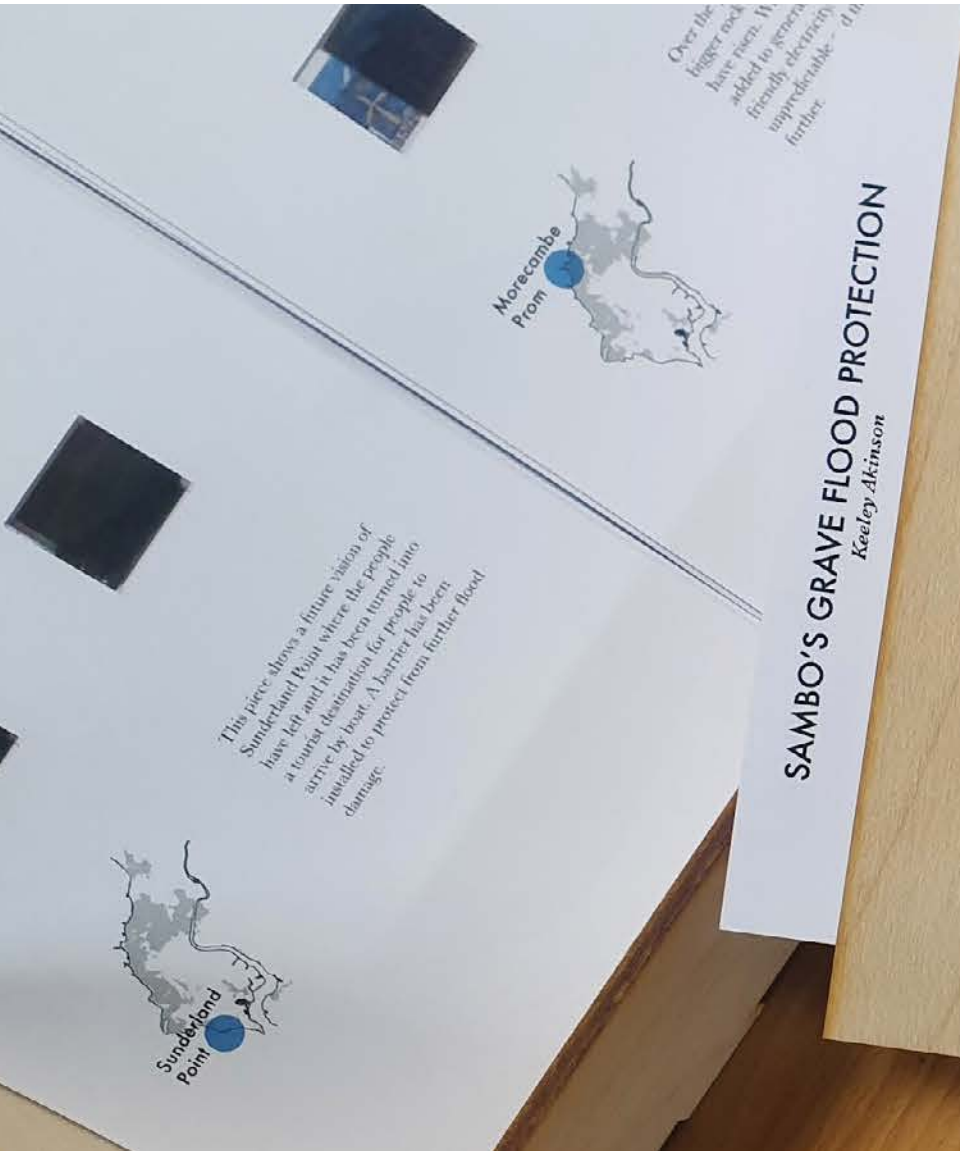












### SAMBO'S GRAVE FLOOD PROTECTION

*Keeley Atkinson*



My piece shows Sunderland Point at Sambo's Grave. I used rocks to create a flood wall to protect the grave from the rising sea levels







*Festival of Social Science - guided walk along the Lune*



*Sunderland Point*

# THANK YOU

**Serena Pollastri**

s.pollastri@lancaster.ac.uk

**Suzana Ilic**

s.ilic@lancaster.ac.uk

**Liz Edwads**

liz.edwards@lancaster.ac.uk

