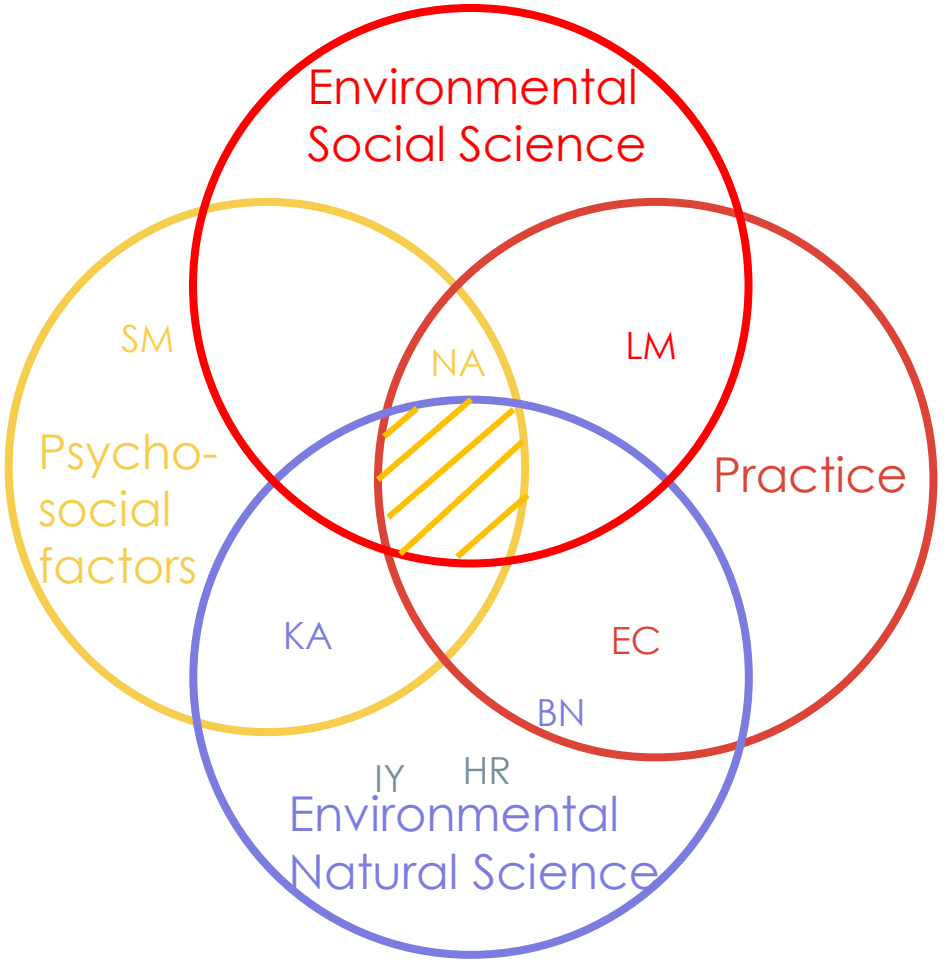
QUALITY INEQUALITIES

- 1. Do **environmental quality** and **psycho-social factors** interact to shape people's experience of connecting with nature, and if so, how?
- 2. Do these factors **interact** to affect inequalities in experience, within and between groups?

INTERDISCIPLINARY TEAM

Nadine Andrews
Kirsti Ashworth
Emma Critchley
Laura MacLean
Scott McVean
Beth Nicholls
Hattie Roberts
Isla Young



METHODOLOGY

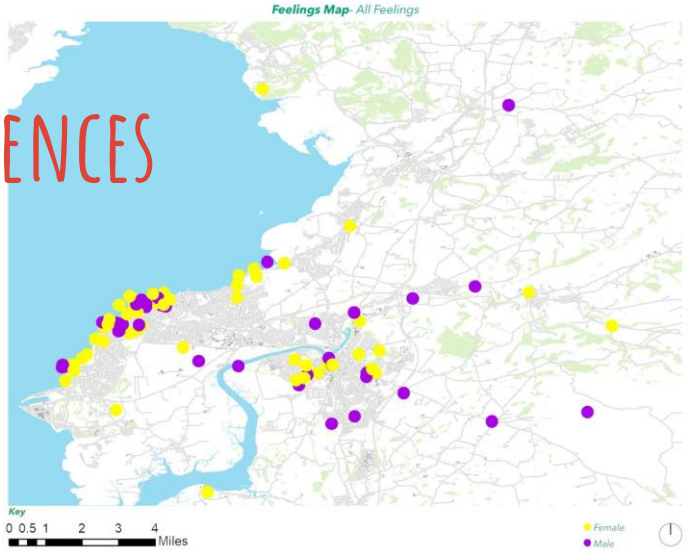
- 2 community events to gather demographic and nature connection data using interactive Feelings Map
- Quantitative and qualitative analysis of survey data
- Selected 2 site for fieldwork: Morecambe Bay & Williamson Park Lancaster for fieldwork
- Recruited 5 participants for qualitative study
- Conducted environmental quality assessments
- Bring results together in multi layer map
- Data analysis to investigate interactions

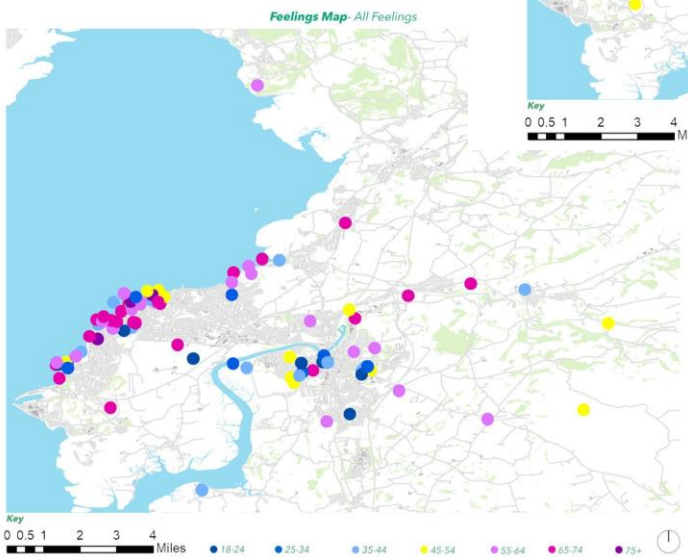
COMMUNITY EVENTS

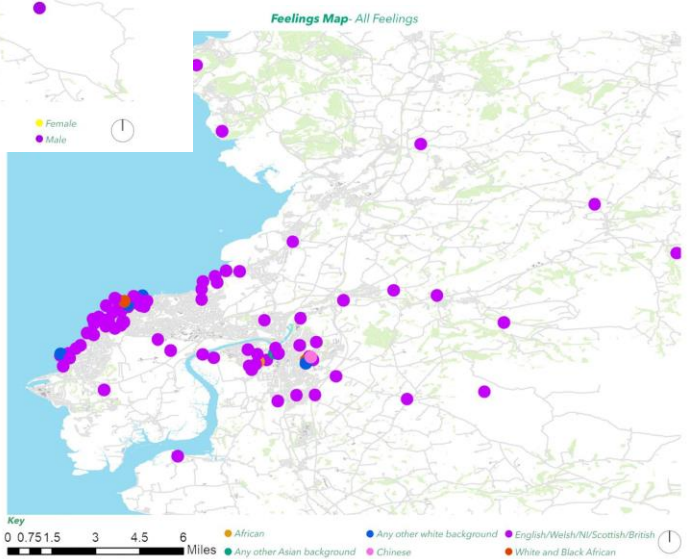
- June, Morecambe: Stanley Community Centre and Rita's cafe N= 37 surveys.
- July, Lancaster: Bay Health Festival N= 47 surveys,

Total 121 points on the map

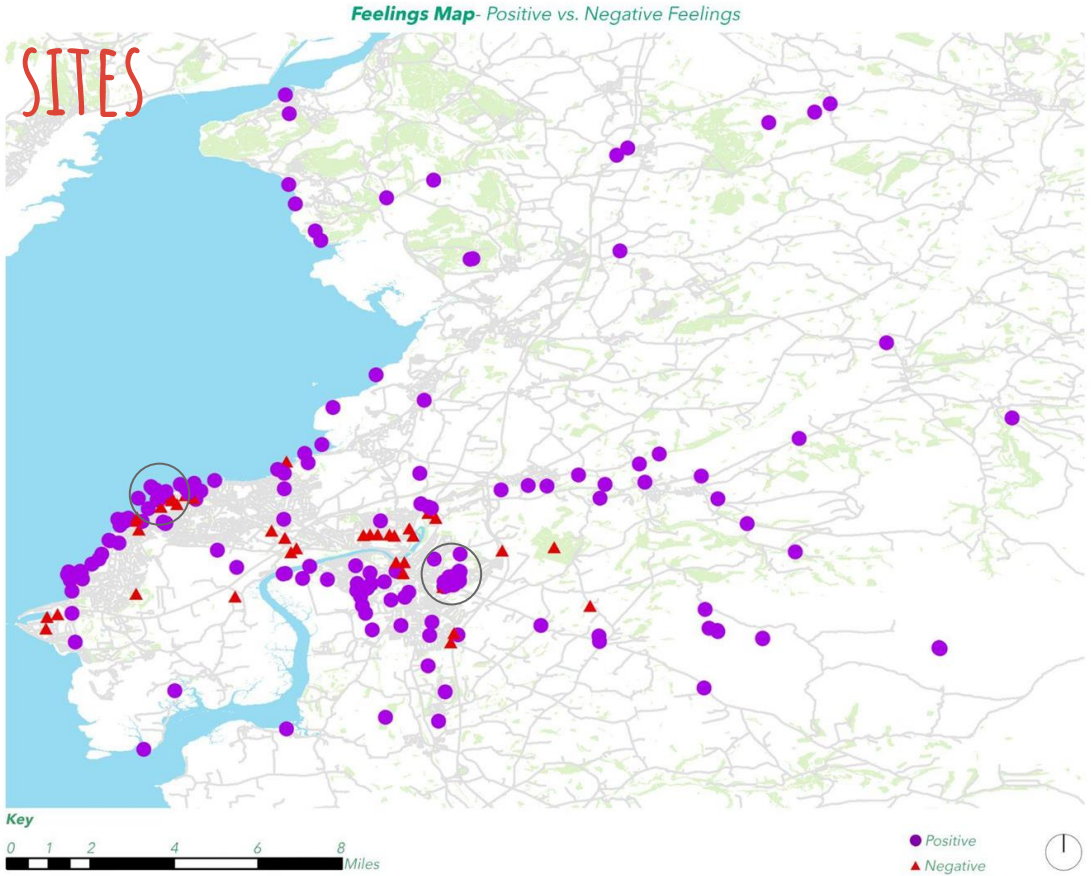
FEELINGS MAP
DEMOGRAPHIC DIFFERENCES







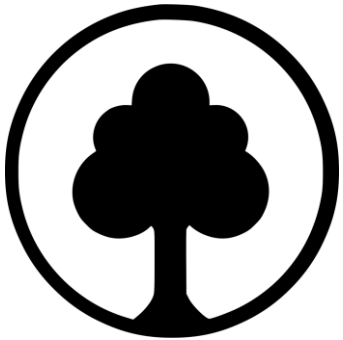
FEELINGS MAP
SELECTING CASE STUDY SITES



FEELINGS MAP
SURVEY ANALYSIS

"How comfortable do you feel in this space"

"how close to nature and wildlife do you tend to feel in this place?"



Positive and significant correlation between the two variables (n=107, p=.310**) sig.001.

QUALITATIVE FIELDWORK

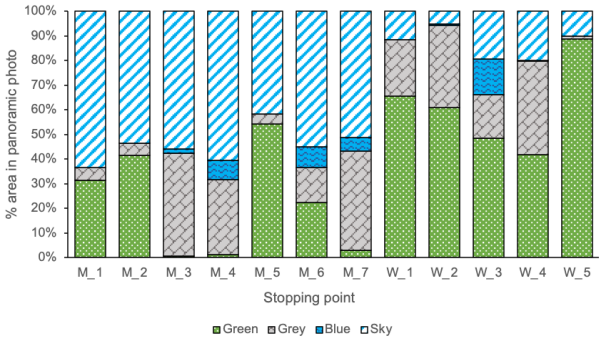
- Morecambe beach and Williamson Park were selected as the sites
- Participants walked around a route at either site and were asked to audio record their answers to a series of questions at each stop point
- They were asked what they could see, hear, smell and feel; the emotions and feelings they were experiencing; if they felt safe, relaxed, or comfortable and if they were familiar with the stop.

ENVIRONMENTAL QUALITY ASSESSMENT

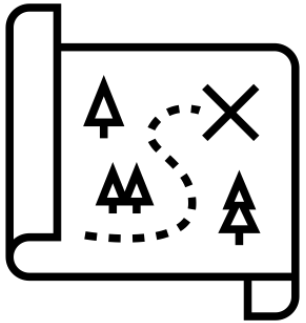
- Sight: Biodiversity measurement, thermal and panoramic imaging
- Touch: Meteorology
- Smell: Volatile compound collection, air quality
- Sound: audio recording

Next Steps

Environmental data



Feelings maps



Results

Participant data