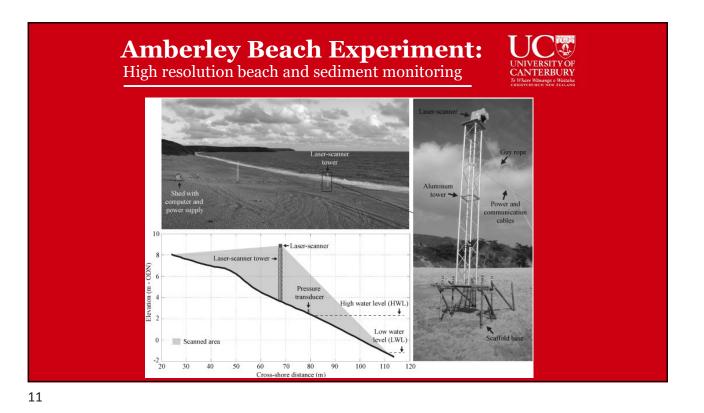
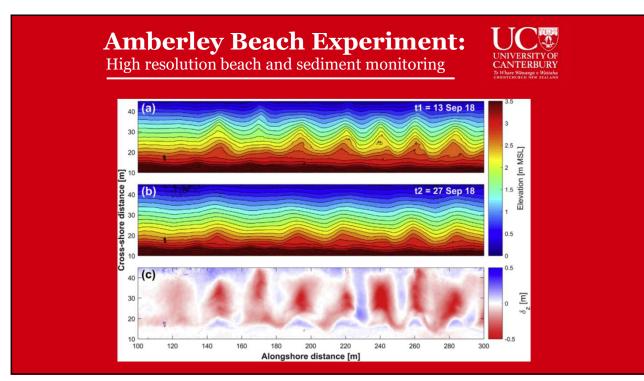
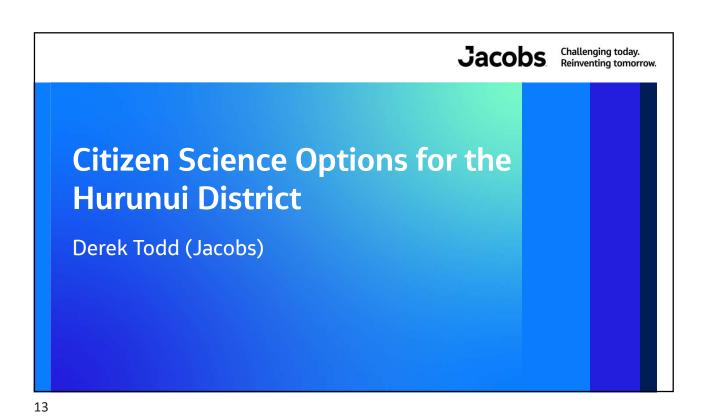
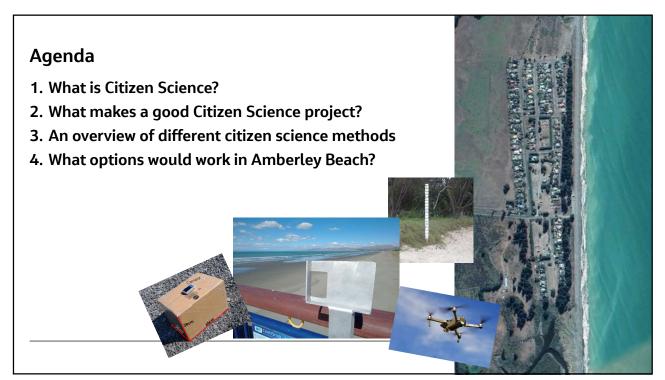


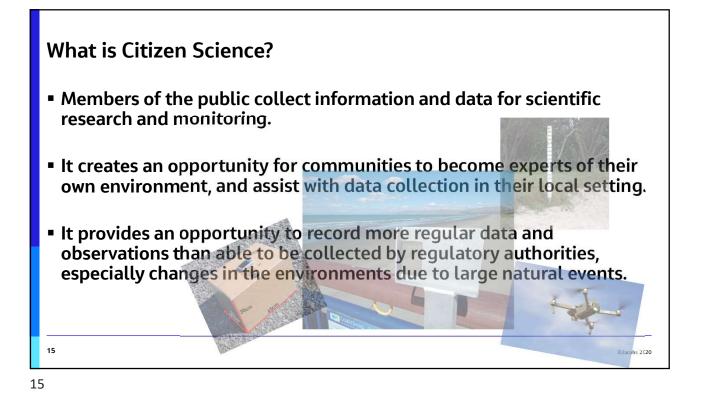
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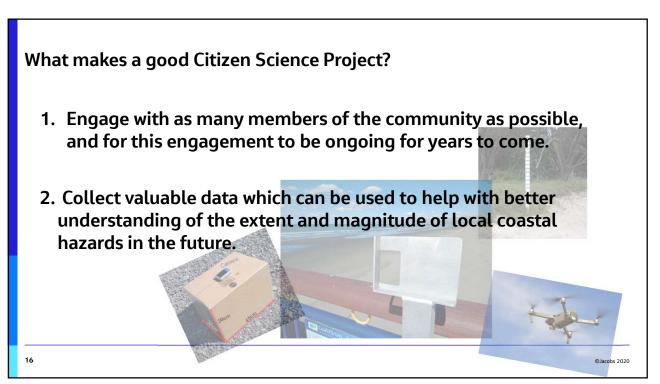




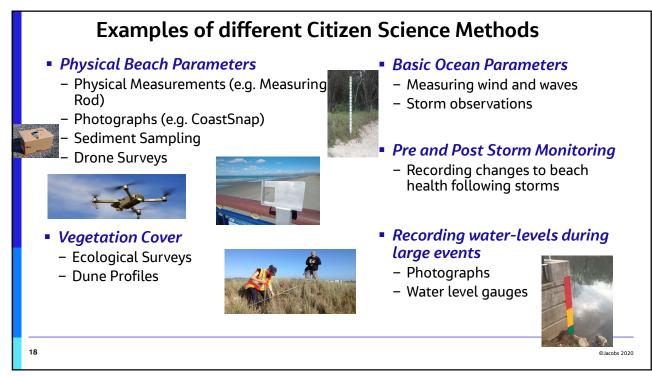








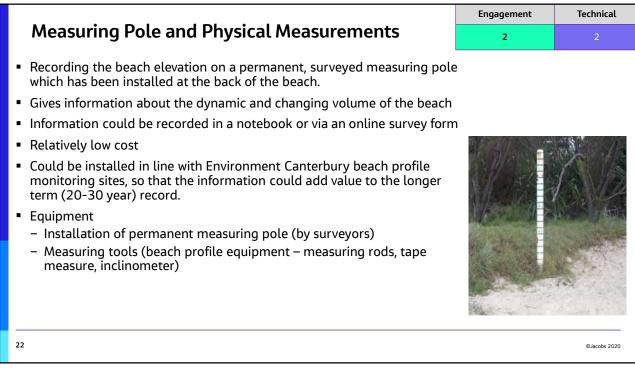
Comn	nunity Engagement (Number of people engaged)	
3	<ul> <li>Engages with a wide range of people non-exclusive to the community.</li> <li>Anybody visiting the site will be able to be involved.</li> <li>No training is required.</li> </ul>	
2	<ul> <li>Engages with the whole community.</li> <li>Easy execution of method for all ages.</li> <li>Some awareness of the project and methods is required to take part.</li> <li>Small amount of training required.</li> </ul>	
1	<ul> <li>Small group of dedicated volunteers.</li> <li>Training and equipment required</li> <li>Data collected requires external quality control and processing.</li> <li>Higher level of technical ability required.</li> </ul>	
<b>Fechn</b>	ical	
3	Produces high quality data that can be used in future assessments and to inform broader research.	
2	Produces some quantitative data which could be used in future assessments	
1	Produces some qualitative data which could be used in future assessments	

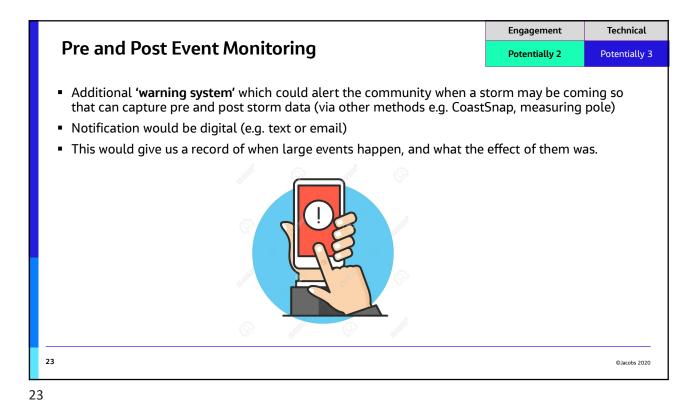


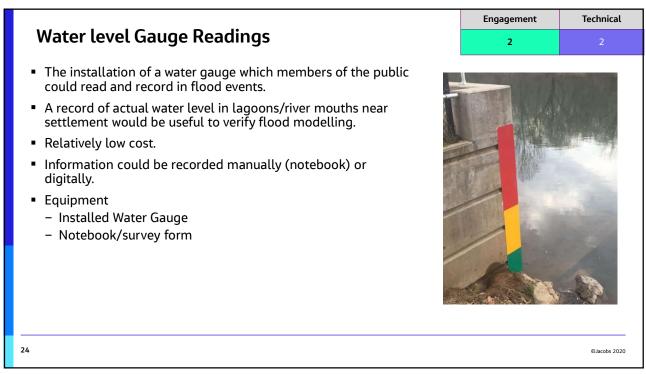
Data Collection	Method	Engagement	Technical	'Score'	Amberley Beach
	Measuring Pole and physical measurements	2	2	<mark>4</mark>	✓
Physical beach health parameter	Photographs (CoastSnap)	3	2	<mark>6</mark>	✓
purumeter	Sediment Sampling	1	3	3	V
	Drone Survey	1	3	3	✓
Basic Ocean Parameters	Physical Measurements	2	1	2	✓
	Ecological Surveys - Quadrant	2	1	2	×
Vegetation Cover	Dune profiles (CRT Guidelines)	1	3	3	×
Cliff Failure and Tension Cracks	Physical Measurements and estimates	1	2	2	×
Pre and Post Storm Change	Notification of Incoming Storm	Potentially 2 <sup>1</sup>	Potentially 3 <sup>1</sup>	Potentially 6	~
Water levels in extreme	Water Gauge (with warning notification)	2	2	<mark>4</mark>	✓
events	Photographs (with warning notification)	2	1	2	✓
Structures	Survey with Photographs	2	1	2	✓
<sup>1</sup> This method is used in addition to health or water levels. 9	another method (e.g. physical beach mea	surements), therefore most of i	ts success is based on what	method is employed for m	easuring/recording beach

	Engagement	Technical					
Photographs (CoastSnap)	3	2					
<ul> <li>CoastSnap uses images from a single reference point to measure shoreline changes over time.</li> </ul>							
<ul> <li>Photos taken using a smartphone in the 'CoastSnap' App.</li> </ul>							
<ul> <li>Relatively low cost</li> </ul>							
<ul> <li>Information could be used for shoreline tracking, time lapse videos, useful information following storms.</li> </ul>							
<ul> <li>Currently being used at other places on the Canterbury Coast</li> </ul>							
<ul> <li>Equipment</li> <li>Private Smartphone</li> <li>Cradle installation</li> </ul>							
20	oatiSnap						









## Phase one: What is happening?

## Next steps - it's up to you

- 1. Continue to share stories / photographs or any other information?
- 2. Citizen science projects?
- 3. Multi hazard assessment?
- 4. Love your Dunes project?

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## COASTAL CONVERSATIONS The environment is changing, how will you?



