

Climate Change Narratives for The Indonesian Village

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WPI

We Acknowledge



the traditional owners of this land

Worcester Polytechnic Institute

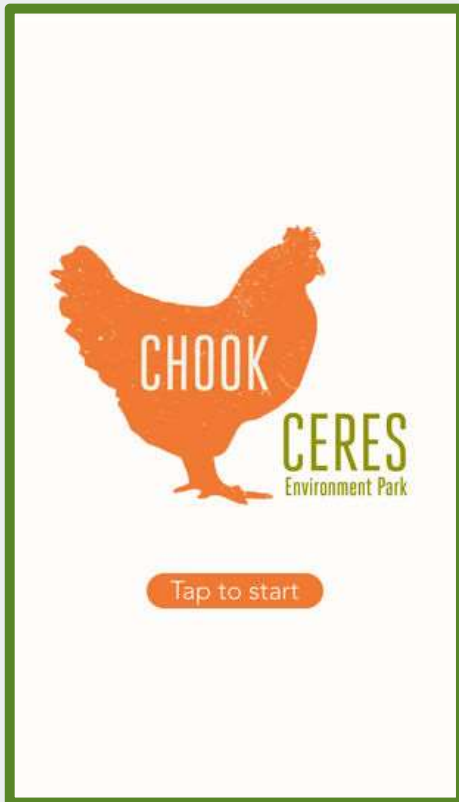


CERES

Centre for
Education and
Research in
Environmental
Strategies



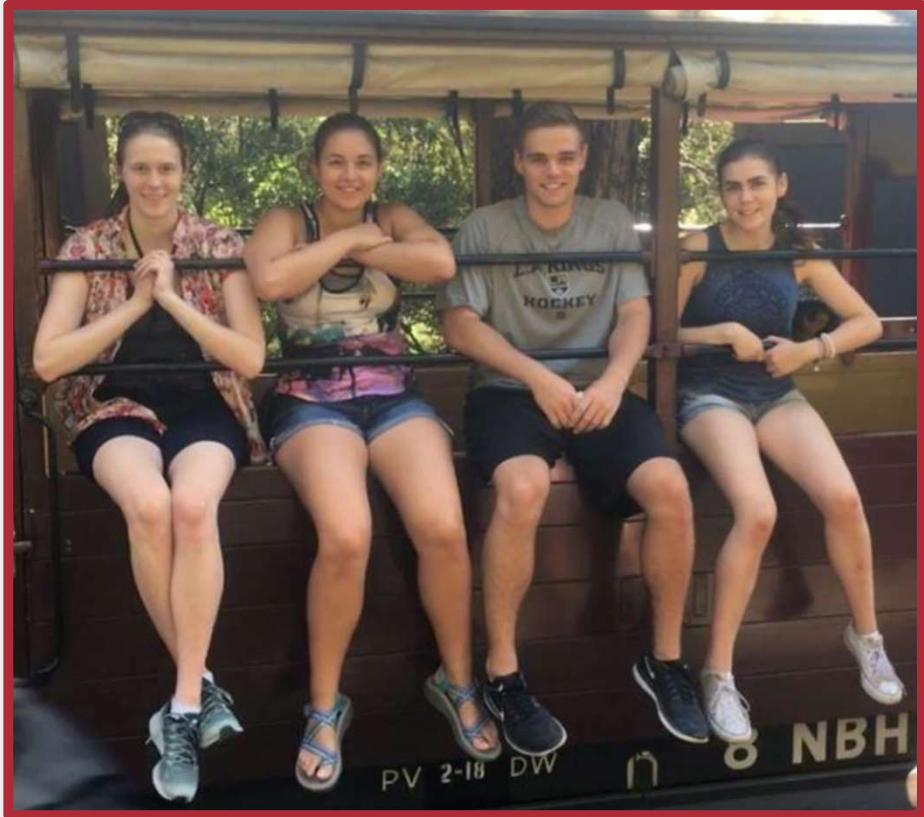
The Chook App



The Indonesian Village



2017 IQP Team



Water Access



Calvin
Jayapura, Papua

Flooding



Ratih
Eastern Java

Industrialization



Maysa
South Tangerang, West Java

Our Goal

To extend the 2017 IQP's work by conducting additional interviews with more subjects and to produce videos that can be directly connected to physical exhibits in the Indonesian Village

Our Objectives

1. Capture the Perspectives and Experiences of the Indonesian People in Regards to Climate Change
2. Edit and Produce Short-Form Videos
3. Make Recommendations for Improvements for the Indonesian Village

Environmental Issues in Indonesia

 Changes in Seasons and Weather Patterns

 Deforestation and Development

 Improper Rubbish Disposal

 Flooding

 Air Pollution

Objective 1

Capture the Perspectives and the Experiences of the Indonesian People in Regards to **Climate Change**

Organizing Interviews



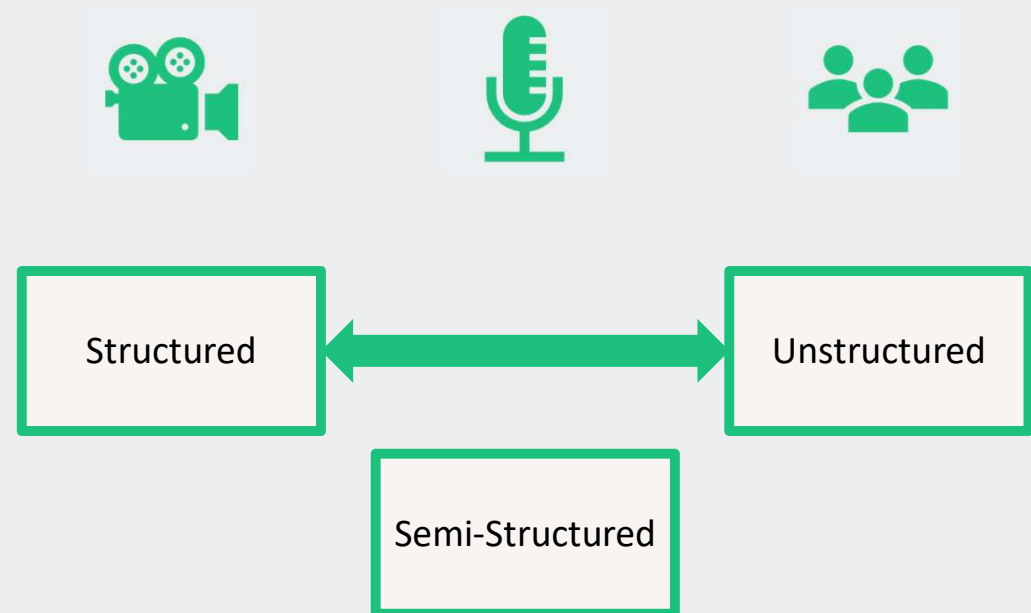
Conducting Interviews



Structured

Unstructured

Semi-Structured



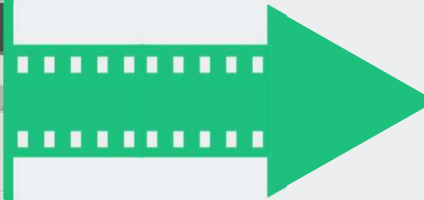
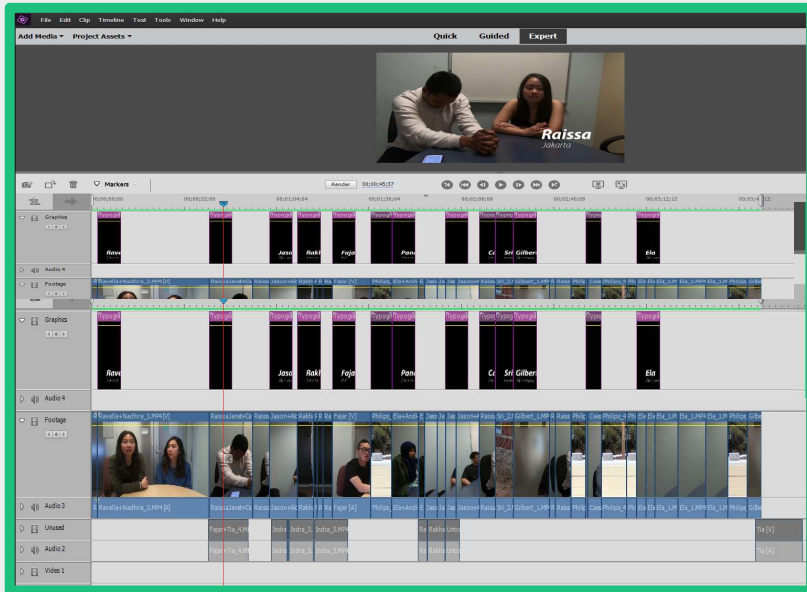
Interview Questions

- Can you describe an average day in Indonesia in your childhood?
- Have you noticed changes in the weather or environment since you were younger?
- Can you tell us about how you disposed of your waste when you were younger? Has it changed?
- Have you had experiences with flooding or other natural disasters?
- Is air pollution an issue you have experienced first-hand?
- Now that you have received higher education and spent time in Australia, has that changed your perspective on the issues faced back home?

Objective 2

Edit and Produce Short-Form Videos

Creating Videos



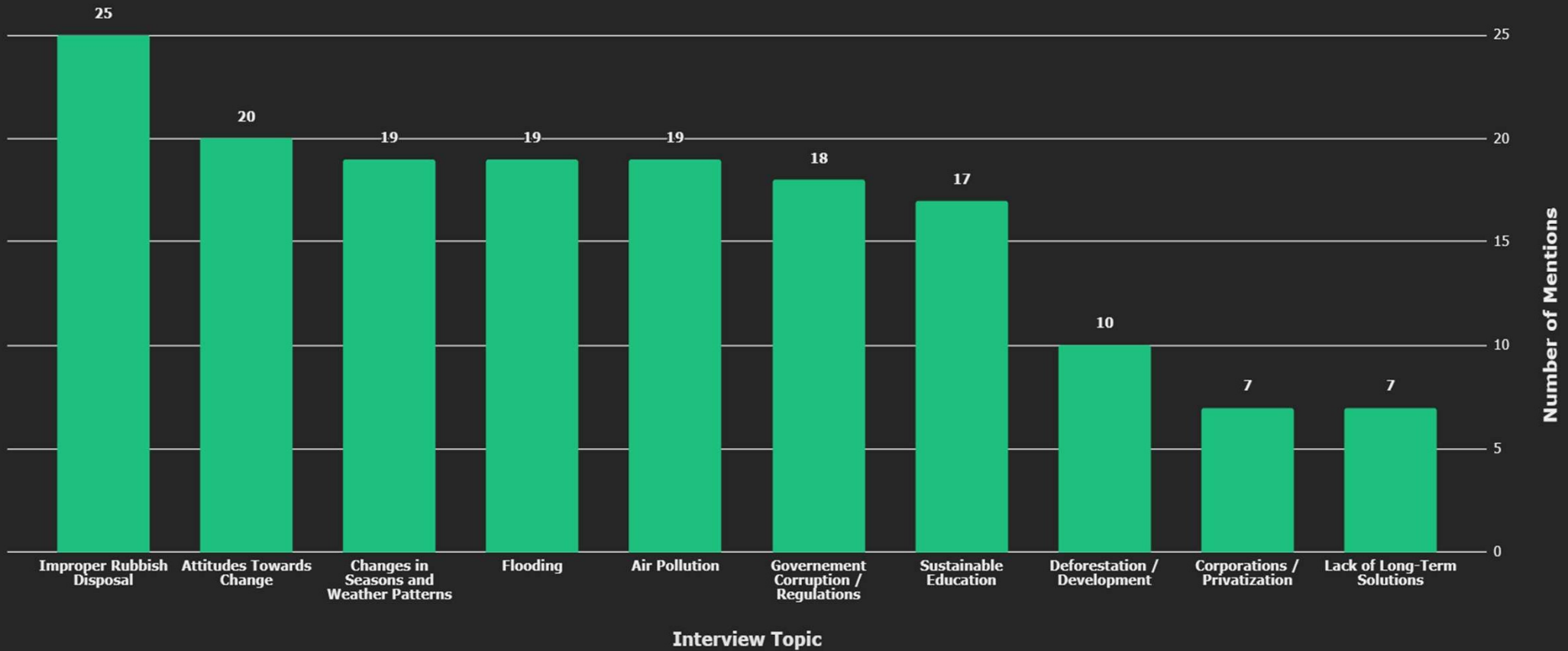
Objective 3

**Make Recommendations for
Improvements to the Indonesian
Village**

Our Recommendations

- Use the archive we created to produce additional teaching videos
- Make physical signage in the village relating directly to videos
- Enable the village to function as a standalone educational exhibit
- Promote the village to all visitors of the park
- Extend these improvements to the other cultural villages

Topics Raised by Interviewees



Changes in Seasons and Weather Patterns



Mentioned By

19/32



<https://www.shutterstock.com/image-photo/sunrise-over-modern-office-buildings-business-222030145?src=9DRG0Wu5vPHES2gto5RBAQ-1-0>



https://www.telegraph.co.uk/content/dam/news/2017/07/21/TELEMMGLPICT000135353574_trans_NvBQzQNjv4BqpViberWd9EgFPZtcLIMQfyf2A9a619YchsJMeADBa08.jpeg?imwidth=1400

Deforestation and Development



Mentioned By

10/32



https://titisari04.files.wordpress.com/2016/02/real_estate_development_4.jpg

<https://www.ifscience.com/environment/feeding-godzilla-indonesia-burns-its-government-moves-increase-forest-destruction/>



Improper Rubbish Disposal



Mentioned By



25/32



https://img.jakpost.net/c/2016/08/29/2016_08_29_10720_1472445678._large.jpg



https://www.straitstimes.com/sites/default/files/styles/article_picture_780x520_/public/articles/2018/03/02/wl_dirriver_030218_0.jpg?itok=1p1WLeQB×tamp=1519979304



<https://external-preview.redd.it/z26-szPDNVs-U5mDNM8fCOhI8PcSTGmg-BXmyljZ3aU.jpg?width=960&crop=smart&auto=webp&s=c0662a3a62bb18db06665ccca5bf9093b6c10512>



https://img.jakpost.net/c/2016/08/29/2016_08_29_10720_1472445678._large.jpg

Flooding



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https://2.bp.blogspot.com/-nM8N4_pjSLo/VpvFK5jhjI/AAAAAAAAAZk/CaxIHztFQvw/s640/Flood%2Bbsirait.jpg



https://gdb.voanews.com/5E2B9E64-8733-4A20-BF4D-89EF884CBBDD3_cx0_cy6_cw0_w1023_r1_s.jpg



<https://2.bp.blogspot.com/-E8M3WgI6fe0/Uyk72aOEmfI/AAAAAAAAAR4/GHQzS8V1UYA/s400/Flooded+HI+Round+Jan+2013.jpg>



https://universe.byu.edu/wp-content/uploads/2013/01/Indonesia-Floods_Bing.jpg

Air Pollution



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<http://unicefindonesia.blogspot.com/2017/06/>



<https://62e528761d0685343e1c-f3d1b99a743ffa4142d9d7f1978d9686.ssl.cf2.rackcdn.com/files/102686/width668/image-20151121-442-13awzn.jpg>



<https://d2mpqimtg11znu.cloudfront.net/AcuCustom/Sitename/DAM/009/Specialreports-Aug 2017 - transport - congestion in Jakarta.jpg>



https://img.jakpost.net/c/2017/05/02/2017_05_02_26133_1493689431_large.jpg

Attitudes Towards Change

<https://www.mindtools.com/pages/article/bridges-transition-model.htm>



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<https://www.buildboswell.com/boswell-blog/mitigate-change-orders>

Sustainable Education

<http://www.worldbank.org/en/country/indonesia/brief/world-bank-and-education-in-indonesia>



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<http://blessed-to-give.org/teaching-to-create-happiness-in-indonesia/>

Impact of Our Project



10 Hours of footage



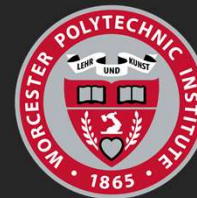
5 Videos



Thousands of Students
Visit CERES Each Year



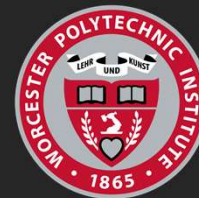
Thank You!



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Questions?



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