Citizen Science Reporters
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&
The SEACO Team
How does SEACO work?

Demographic and health surveillance site established in 2011.

Multi- and interdisciplinary research platform core funded by Monash University, with collaborations with the University of Amsterdam, the WT Sanger, Newcastle, QUB.

Community engagement at the heart of the observatory.

SEACO strives toward a model of shared ownership of the observatory and of the research produced. The ultimate aim is to evolve from investigator-driven questions to joint- and community-directed research priorities.
The District of Segamat, Johor, Malaysia
Citizen Science Reporters (CSR)

- A collaboration between SEACO and local NGO, Citizen Journalists Malaysia (CJMy)
- Workshops teach community members how to film and edit video documentaries using a smart phone.
- Videos explore health issues faced by the community.
- Project aims to:
  - Develop a framework and resources for delivering this kind of project
  - Train 45-60 community member as citizen science reporters.
  - Capacity development
  - Inform SEACO’s work
Orang Asli (Indigenous) home
<table>
<thead>
<tr>
<th>Pre-workshop</th>
<th>Workshop</th>
<th>Post-workshop</th>
<th>Long term</th>
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<tbody>
<tr>
<td>SEACO staff</td>
<td>CJMy - Two day</td>
<td>Participants complete filming</td>
<td>Community advocacy.</td>
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<tr>
<td>- Recruit</td>
<td>workshop</td>
<td>- Upload to YouTube.</td>
<td>- Come back to ask additional</td>
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<tr>
<td>participants.</td>
<td>Day 1</td>
<td>Participant may choose to</td>
<td>health questions.</td>
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<tr>
<td>- Develop</td>
<td>Intro to</td>
<td>alert SEACO/CJMy.</td>
<td>- CSR project model</td>
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<td>bespoke</td>
<td>journalism e.g.</td>
<td>A selection featured on CJMy</td>
<td>implemented in other contexts.</td>
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<td>training</td>
<td>ethics.</td>
<td>and/or SEACO websites.</td>
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<td>materials.</td>
<td>- Intro to public</td>
<td>- Community showcase</td>
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<td>health.</td>
<td>event.</td>
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<td>- How to use the</td>
<td>- Come back to ask additional</td>
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<td>cameras to make</td>
<td>health questions.</td>
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<td>a film.</td>
<td>- CSR project model</td>
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<td>- Participants</td>
<td>implemented in other contexts.</td>
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<td>decide on a topic</td>
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<td>and do some initial research.</td>
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<td>Day 2</td>
<td>Filming.</td>
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<td>Editing.</td>
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<td>Using YouTube.</td>
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Pilot session with SEACO staff

Three training sessions have been delivered

- Children
- Adults
- Orang Asal

Total of 42 participants have completed the sessions.
Malaysia has a diverse ethnic composition but not equal engagement with government services.

When recruiting for the workshop we have tried to ensure a balance across ethnic groups.

To date, participation has been reflective of population composition.

* Source: http://www.indexmundi.com/malaysia/demographics_profile.html
18 videos have been submitted.

7 of these were created by the children in groups during their workshop. They are now working on individual documentaries.

Videos mostly concerned with the local environment (7) - built and natural - and non-communicable diseases (8).

Featured topics include:
1) Breast Cancer
2) Betel addiction
3) Living with disability
4) Segamat River drying up
5) Effect of a power station close to homes
Evaluation

Continuous evaluation process has informed subsequent training sessions.

- **Quantitative indicators:**
  - Number of attendees
  - Number of videos made
  - Subject range
  - Training materials produced

- **Qualitative indicators:**
  - On the day feedback from participants
  - Follow-up comments
  - Requests from participants for additional information on health topics

- **Impact:**
  - Shifted focus from ‘current events’ to documentary style videos

- **Impact:**
  - Changed editing software application
  - Nine breast cancer cases diagnosed in Orang Asal community.
Link to Youtube video of training

https://youtu.be/nd_rv3ley0Q
Next steps

- Presentation to community of videos produced at public event
- Continued mentoring of participants
- Use information from CSRs and their communities to inform future SEACO research projects
Production of feature length health promotion documentaries from footage