

# ART & /IN ECOLOGY

Human-Non Human Interconnections in Art, Visual Culture & Everyday Life.  
Site specific theory in practice in Vuosaari two-period module Jan-April 2021

## Political Ecologies of & in Space Part 3 Some thoughts about Temporalities, Geologies, Materialities

Source: Google Maps

# 1) On Multiple Temporalities

Heartbeat rate and perception of time

<https://everysecond.io/animal-heartbeats>

<https://www.scientificamerican.com/article/small-animals-live-in-a-slow-motion-world/>

<https://www.ed.ac.uk/news/2013/time-160913>

<https://www.bbc.com/news/science-environment-41284065>





## Marcus Coates Dawn Chorus



The video installation uses human voices to replicate the natural phenomena of a birdsong chorus at dawn during Spring. Each of the fourteen screens feature a view of a human habitat: a car, an office, a bedroom, a school staff room etc. Individuals are seen sitting in their domains singing accurate birdsong.

Assisted by Coates, Geoff Sample (wildlife sound recordist) recorded the individual wild bird's songs on the edge of a small woodland near Bamburgh, Northumberland, from 3am to 9am in May 2005. They used up to fourteen microphones to simultaneously record as many of the individual songs as they could. The recordings of each bird were then slowed down by up to 20 times, lowering the tone and lengthening the duration so that they fell in the range of the human voice and became slow enough to sing along to.

Singers from a variety of choirs in Bristol volunteered to mimic these slowed down recordings. They were selected according to their vocal range and ability as the bird songs varied in their complexity. Some birdsongs, like the robin's, have a broad tonal range and unpredictable rhythms; others, like the chiffchaff (as the name suggests), repeat two simple high pitch notes which when slowed down, reveal previously unheard notes and dynamics. The singers were then filmed singing along to this slowed down birdsong for up to two hours.

Circadian rhythms

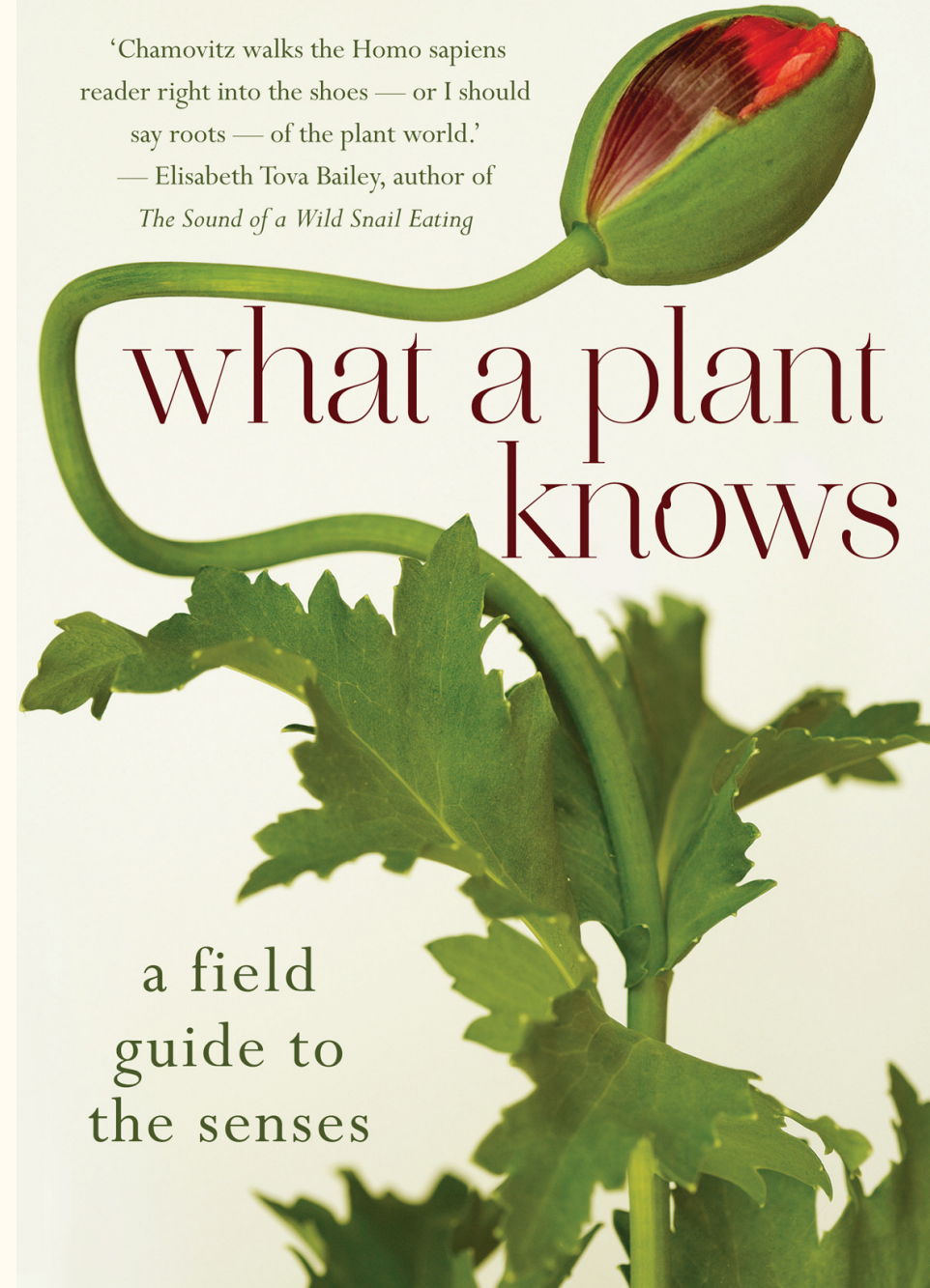
Chapter 1 *What a plant sees* p25-26

<https://cdn.waterstones.com/special/pdf/9781851689101.pdf>

Daniel Chamovitz

‘Chamovitz walks the Homo sapiens  
reader right into the shoes — or I should  
say roots — of the plant world.’

— Elisabeth Tova Bailey, author of  
*The Sound of a Wild Snail Eating*



# what a plant knows

a field  
guide to  
the senses





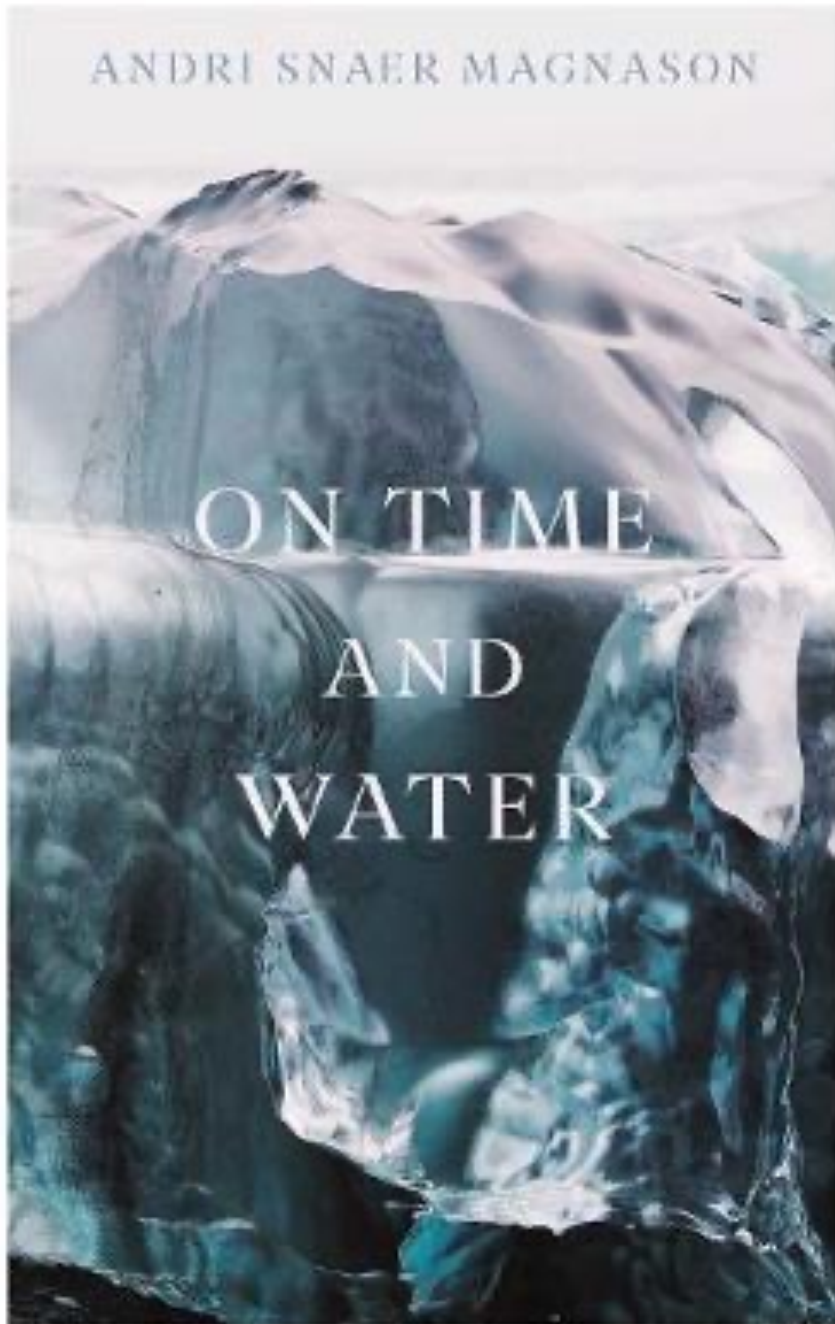
Lunar phases tides, and other  
species reactions

## Temporalities of visible and invisible labour

CF Springgay and Truman Text: "A Transmaterial  
Approach to Walking Methodologies:  
Embodiment, Affect, and a Sonic Art  
Performance"







Personal and political  
On geological, deep time & glaciers

Climate change prognoses for Finland

<https://ilmasto-opas.fi/en/ilmastonmuutos/suomen-muuttuva-ilmasto/-/artikkeli/74b167fc-384b-44ae-84aa-c585ec218b41/ennustettu-ilmastonmuutos-suomessa.html>



## 2) Material 'Actants' Practices, Geopolitics



Charles Lim: *All the Lines Flow Out* 2012 © the artist

Ho Rui An, "Documenting Affect: Yangtze Scribbler, Jalan Jati and All the Lines Flow Out" *National Museum of Singapore Cinémathèque Quarterly* Oct - Dec, 2012

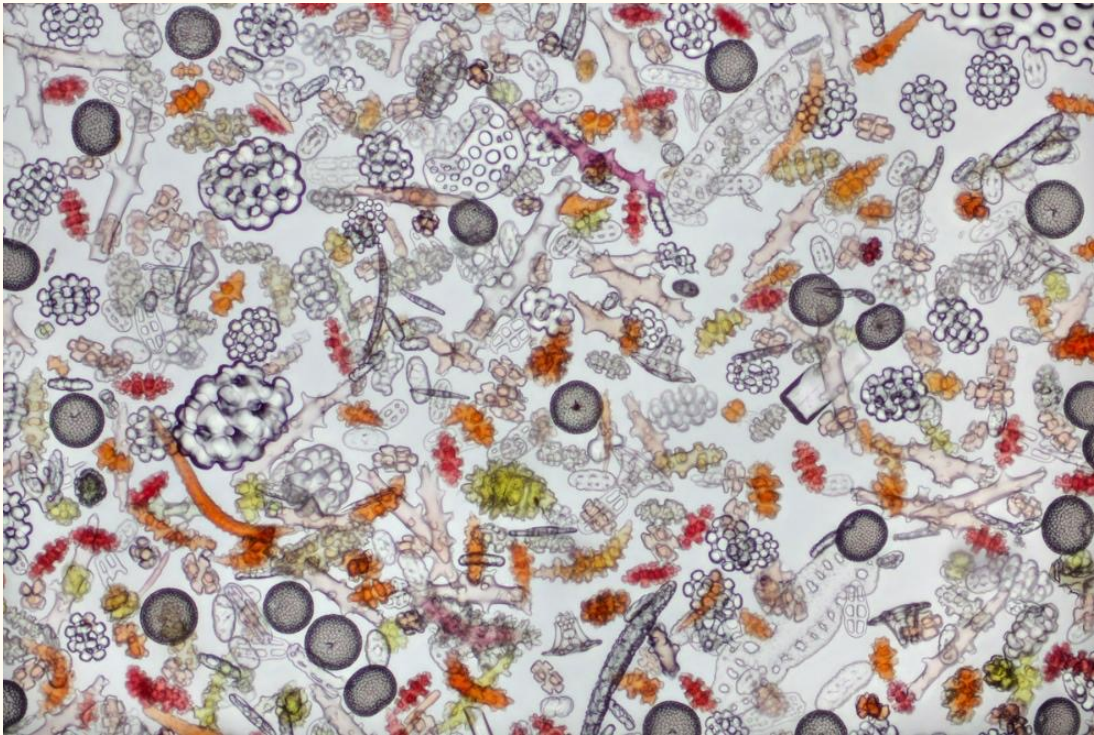
<http://www.migrantecologies.org/Press>





Kiri Dalena, *Tungkung Langit*, (Towards the sky), Lullaby for a Storm Film-still. 2014  
[https://www.ateliersvaran.com/fr/cinematheque/vers-le-ciel-tungkung-langit\\_1583](https://www.ateliersvaran.com/fr/cinematheque/vers-le-ciel-tungkung-langit_1583)

# More than human eco-politics &/of sand

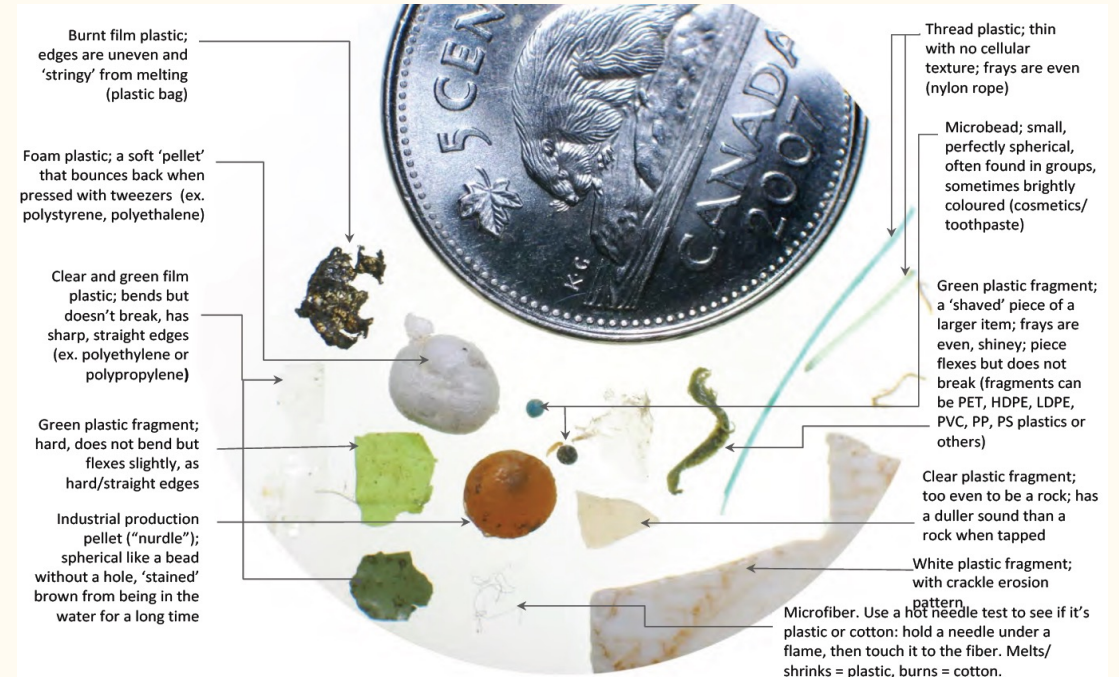


[Image source:](#)

David Maitland / Nikon Small World in Smithsonian

<https://ocean.si.edu/holding-tank/beaches/coral-sand-under-microscope>

<http://www.harvarddesignmagazine.org/issues/39/built-on-sand-singapore-and-the-new-state-of-risk>



[Image source:](#)

<https://publiclab.org/notes/maxliboiron/07-19-2018/how-to-analyze-plastics-forensically>

[Other sources](#)

[https://www.ccb.se/documents/Postkod2017/Mtg050317/Guide%20to%20Microplastic%20Identification\\_MERI.pdf](https://www.ccb.se/documents/Postkod2017/Mtg050317/Guide%20to%20Microplastic%20Identification_MERI.pdf)



And scale



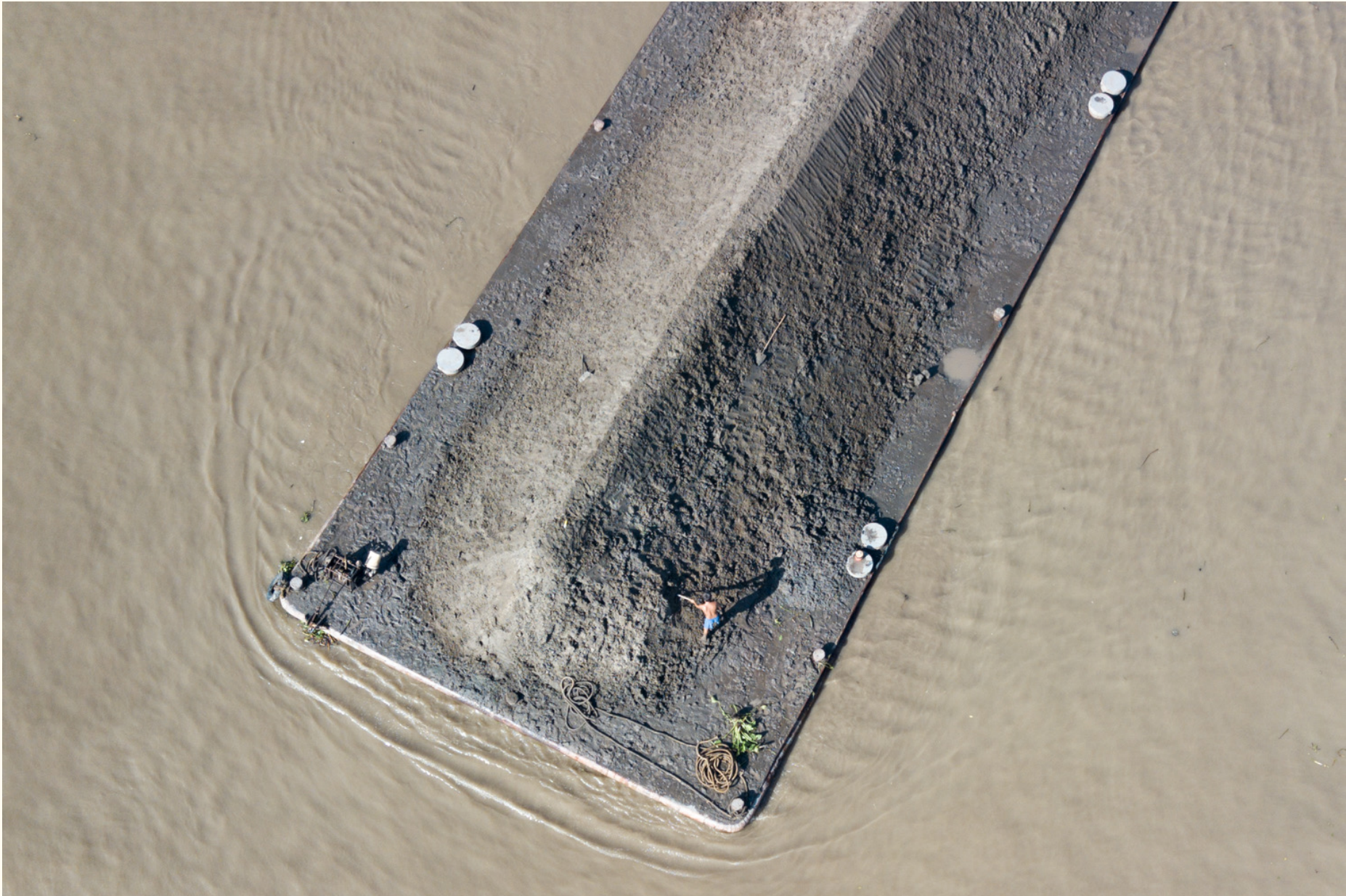
Sim Chi Yin *Shifting Sands*  
(Singapore, Malaysia, China, 2017 - on-going)





Sim Chi Yin *Shifting Sands*  
(Singapore, Malaysia, China, 2017 - on-going)





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(Singapore, Malaysia, China, 2017- on-going)





Sim Chi Yin *Shifting Sands*  
(Singapore, Malaysia, China, 2017 - on-going)

<http://chiyinsim.com/installationviewsicasingapore/>

<http://artradarjournal.com/2018/10/03/asian-nobel-peace-prize-photographer-sim-chi-yin-at-ica-singapore/>

<https://objectlessons.space/posts/2018/sim-chi-yin>





Khvay Samang 2011-2013 5-channel video,  
<https://www.artlink.com.au/articles/4054/art-and-sand-in-cambodia-please-enjoy-my-sand/>  
<http://artradarjournal.com/2011/08/24/sand-covered-cambodian-artist-khvay-samnangs-phnom-penh-lake-performance/>  
<http://artradarjournal.com/2012/05/09/phnom-penh-artists-respond-to-vanishing-lake-rapidly-changing-lifestyles-curator-erin-gleeson/>  
<https://yavuzgallery.com/khvay-samnang-at-jeu-de-paume-paris/>  
Retrieved 16 October 2018



Khvay Samnang, installation with sand, plastic jars and paper sign,  
variable dimensions PHOTO: YAVUZ GALLERY 2015



Alicia K Ng



Alicia Ng is a PhD candidate in the interdisciplinary environmental sciences program (DENVI) at the University of Helsinki. Her research is concentrated on electronic waste (e-waste) in China, specifically bioremediation techniques to investigate non-human interactions amongst media and soil ecologies.

Her research interests include changes in understandings of humanity and the environment in the Anthropocene, and the interrelations between technology, environment, and society.



# Noora Sandgren

Noora Sandgren is a visual artist & art educator working with photography and its bendings, installation, texts and embodied practices. In her artistic research she's interested in the theme of fluidity, the circular inter- and intra-action of different materialities, their livelines within shared space, at times marked by entangled ecological questions. Her ways of working is site-sensitive and often takes place in her home garden.

Noora is a graduate of MA in Photography at the Aalto University, where she also studies her MA in Art Education department. She holds a BA in Social Psychology at the University of Helsinki. Noora's art has been exhibited in various solo and group exhibitions in Finland and internationally. Currently she's preparing for an exhibition project related to the Bioart Society, and Aalto Biofilia artist residency, ÖRES residency as well as curatorial interdisciplinary programme related to community artwork in Vuosaari 21 project. -

Image:  
Dialogue 5.2.2017  
(30 min)

