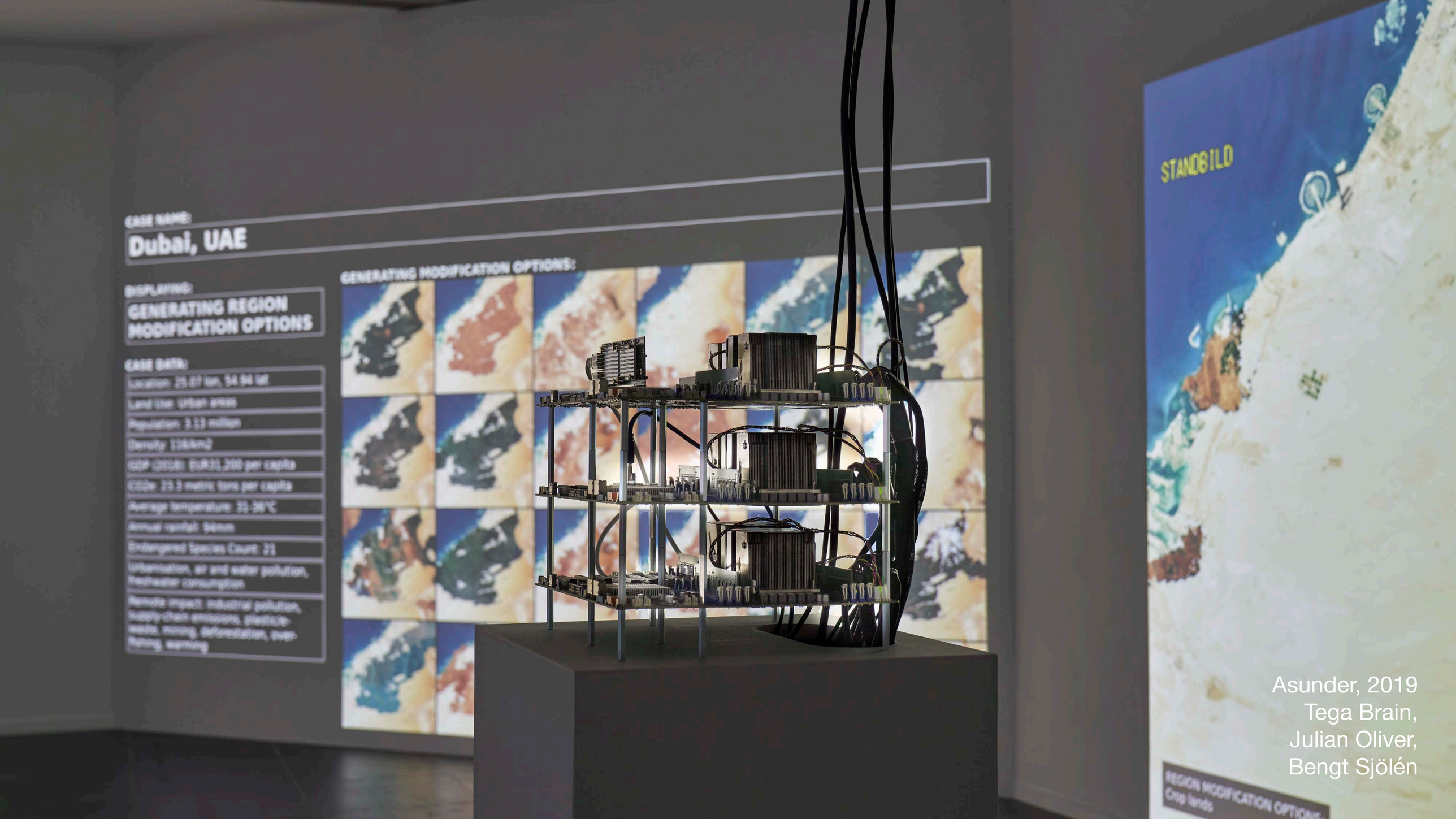
Total Aerosol Optical Depth in visible band	**1**
Vertically-integrated high cloud	fraction
Grid box averaged cloud ice amount	kg/kg
Grid box averaged cloud liquid amount	kg/kg
Vertically-integrated low cloud	fraction
Vertically-integrated mid-level cloud	fraction
Vertically-integrated total cloud	fraction
Cloud fraction	fraction
QV tendency - shallow convection	kg/kg/s
Q tendency - shallow convection rainout	kg/kg/s
T tendency - shallow convection	K/s
Moist shallow convection mass flux	kg/m2/s
Convection mass flux from ZM deep	kg/m2/s
Convective cloud cover	fraction
Q tendency due to moist processes	kg/kg/s
T tendency - moist processes	K/s
T vertical diffusion	K/s
Fractional ice content within cloud	fraction
Downwelling longwave flux at surface	W/m2
Clearsky downwelling longwave flux at surface	W/m2
Net longwave flux at surface	W/m2
Clearsky net longwave flux at surface	W/m2
Net longwave flux at top of model	W/m2
Clearsky net longwave flux at top of model	W/m2
Upwelling longwave flux at top of model	W/m2
Clearsky upwelling longwave flux at top of model	W/m2
Fractional occurance of shallow convection	fraction



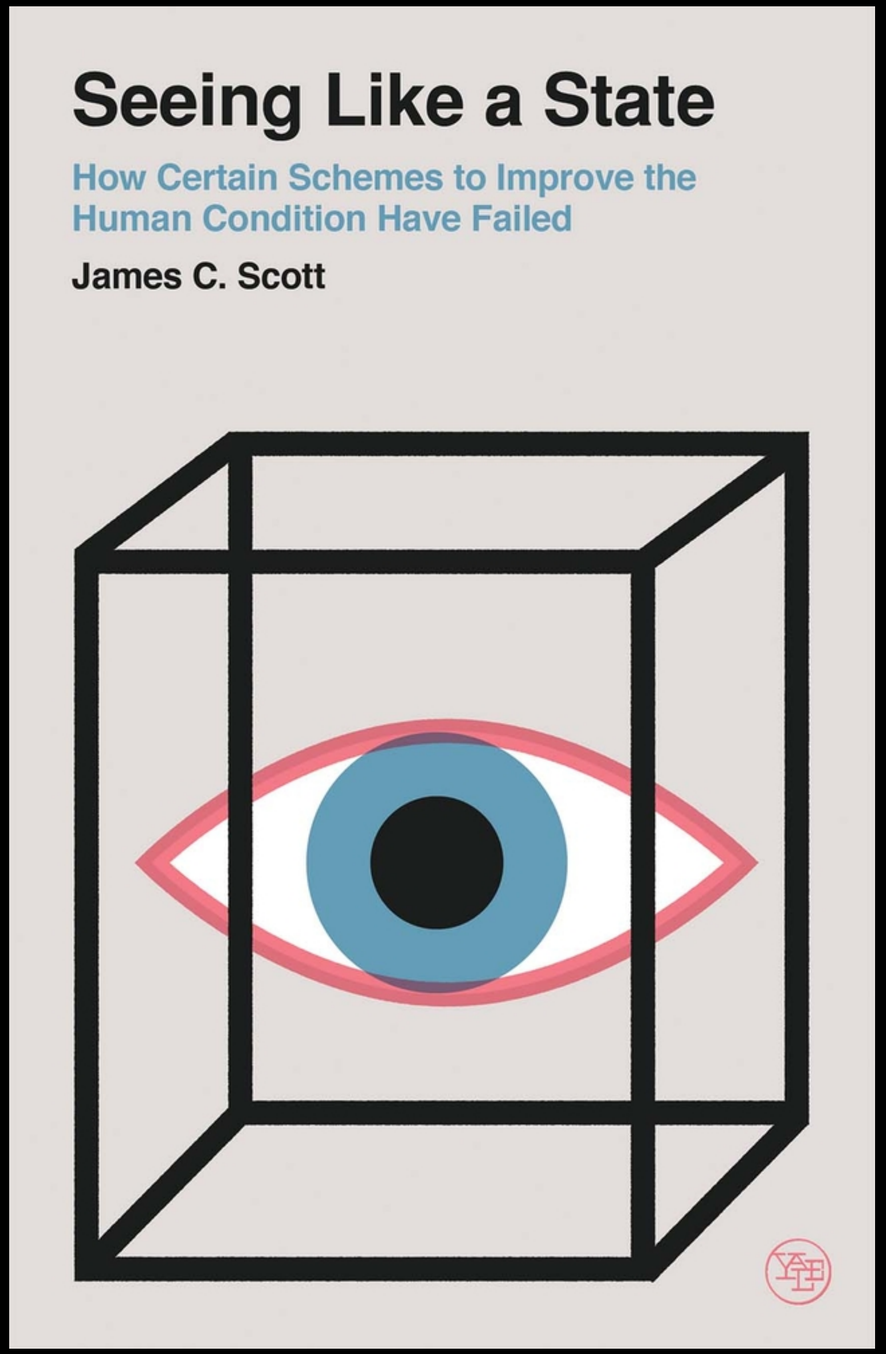
Asunder, 2019
Tega Brain,
Julian Oliver,
Bengt Sjölén

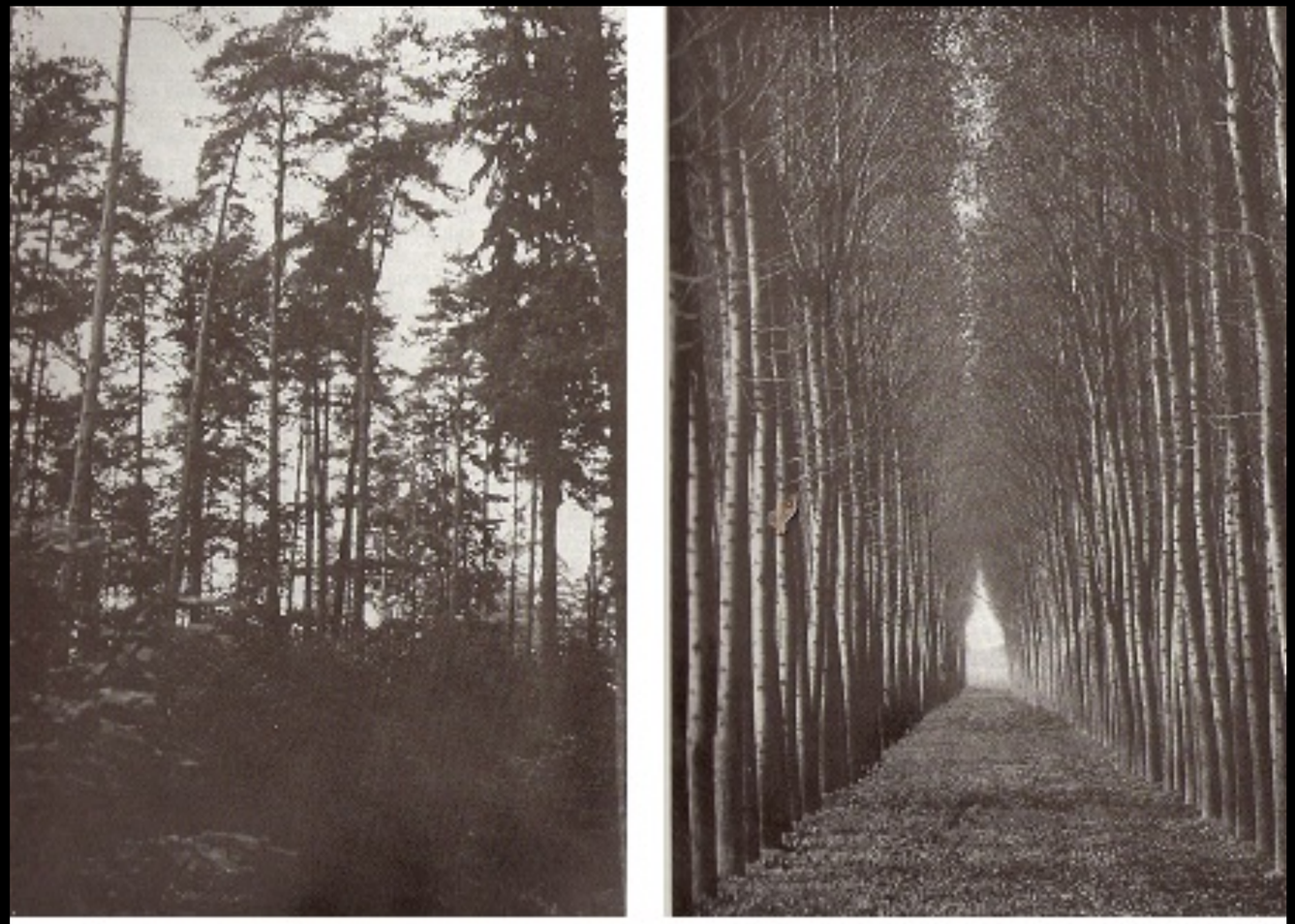
Tega Brain

THE ENVIRONMENT IS NOT A SYSTEM

APRJA Volume 7, Issue 1, 2018
ISSN 2245-7755

inquiry, specifically exploring the modes of knowledge production that it mobilizes. As has been argued by authors like Katherine Hayles and Jennifer Gabrys, computation goes beyond just reading and representing the world. As a mode of inquiry it has a powerful world-making capacity, generat-





Illegible Natural vs. Legible "Scientific" Forests
(pages 16-17 of James Scott's *Seeing Like a State*)

Joseph Charles *Farman* was a British geophysicist who worked for the British Antarctic Survey

Jan 31, 2020 | Updated: 11:48 AM EST

The Science Times

TECH & INNOVATION DESIGN NANOTECHNOLOGY ENERGY POLICY SPACE PHYSICS & MATH CHEM

AI Predicts Increase of Phytoplankton in 2100 Not the Decrease Expected by Oceanographers

Staff Reporter Jan 31, 2020 07:54 AM EST

"Machine learning is not biased by the human mind," he said. "We just give the model tons and tons of data, but they can help us challenge existing paradigms."

Artificial Intelligence Used to Fight Against Mosquitoes

Published 4 days ago on January 27, 2020

By **Alex McFarland**

The Institute of Agrifood Research and Technology (IRTA) in Catalonia, Spain is now using artificial intelligence (AI), sensors, and satellite communication in order to automate the process of trapping mosquitoes. The technology also classifies them according to species, sex, age, and if they can cause infection.

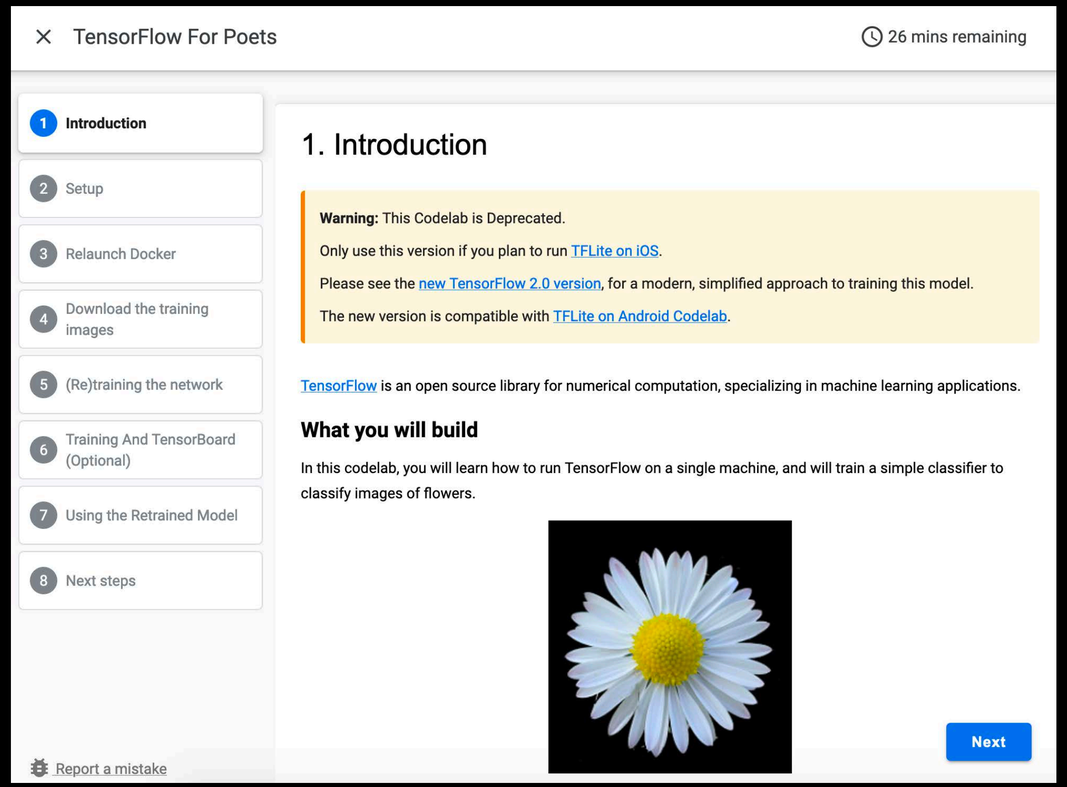
Sea-Star Murdering Robots Are Deployed in the Great Barrier Reef

The RangerBot is a new line of defense against coral-eating crown-of-thorns starfish

Deep Swamp, 2018
Chronus Art Center

Deep Swamp, 2018
Chronus Art Center

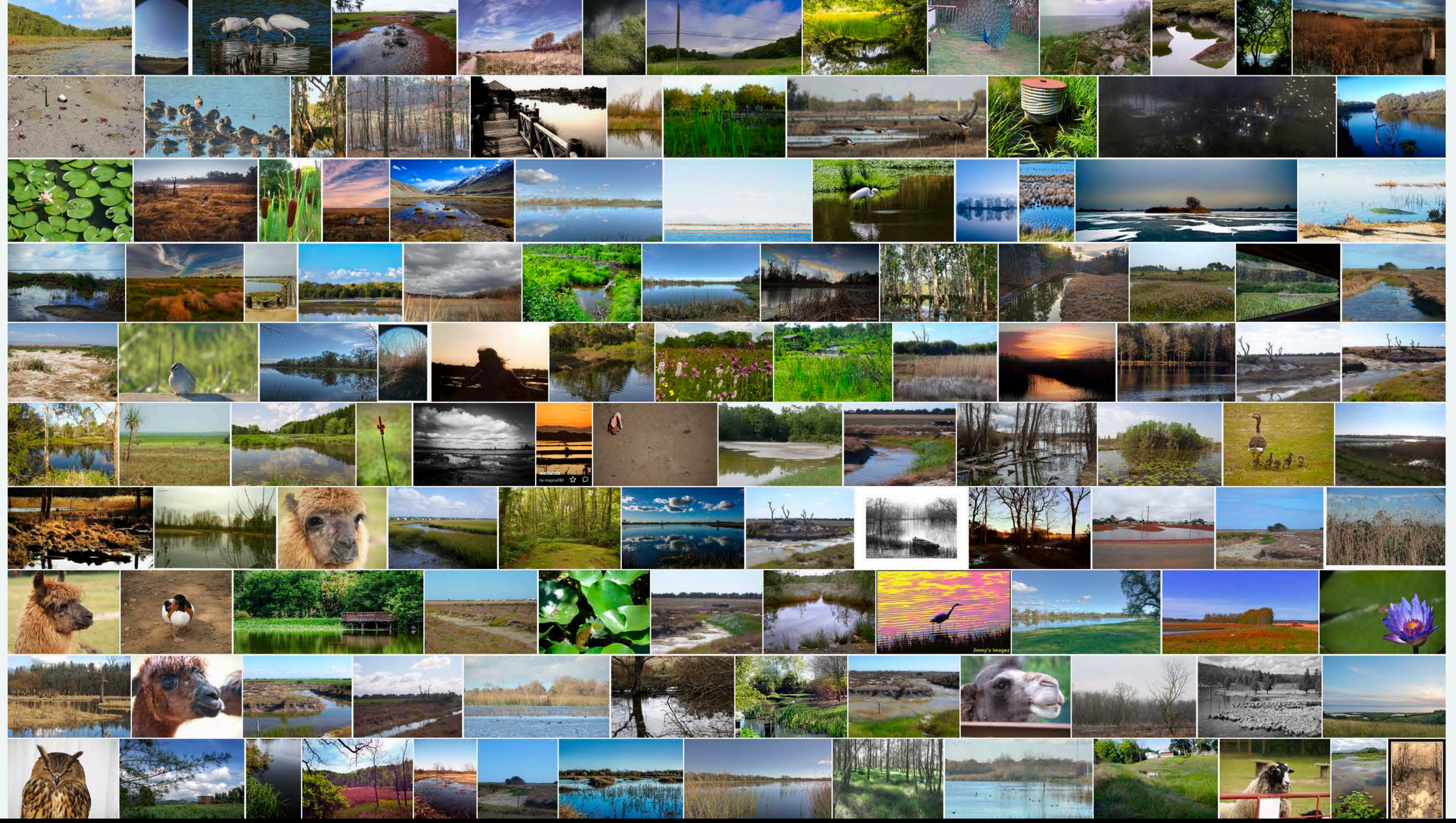
Deep Swamp, 2018
Chronus Art Center



Made using TensorFlow, an off the shelf ML system that has been trained on ImageNet

Interface used by Amazon Turk Workers to label pictures in ImageNet

ImageNet is discussed in Excavating AI, Kate Crawford and Trevor Paglan



Search for ‘wetland’ on Flickr.com

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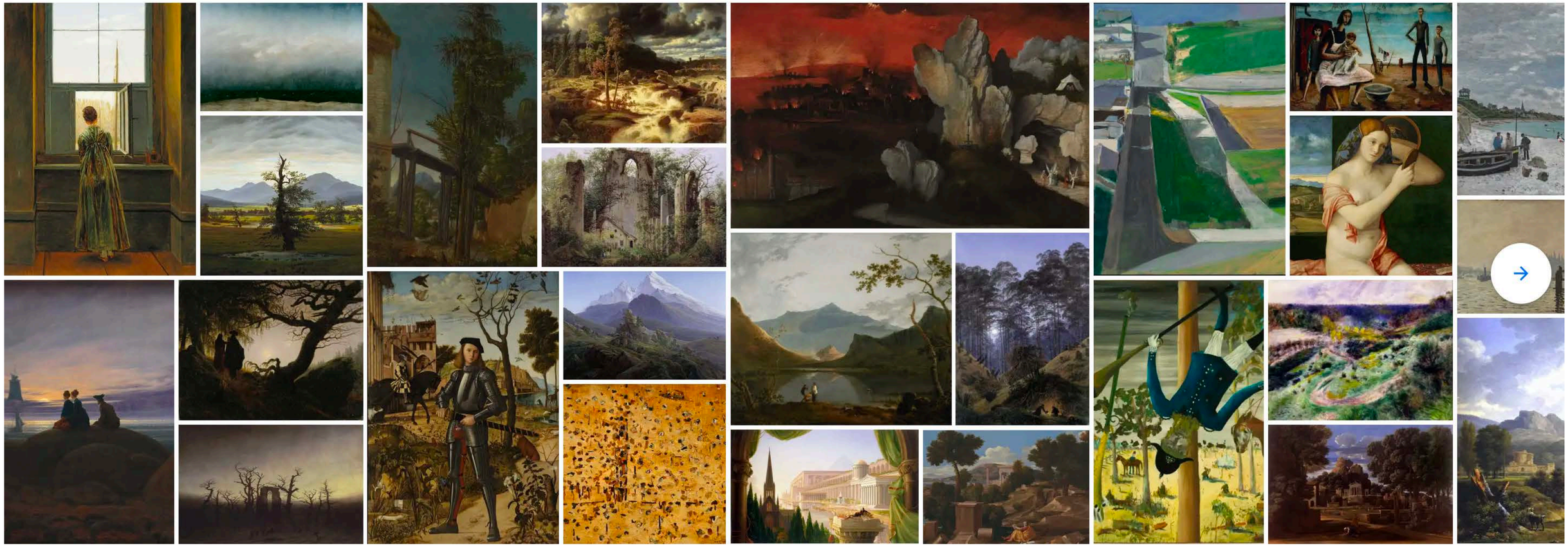

20 museum views

View All

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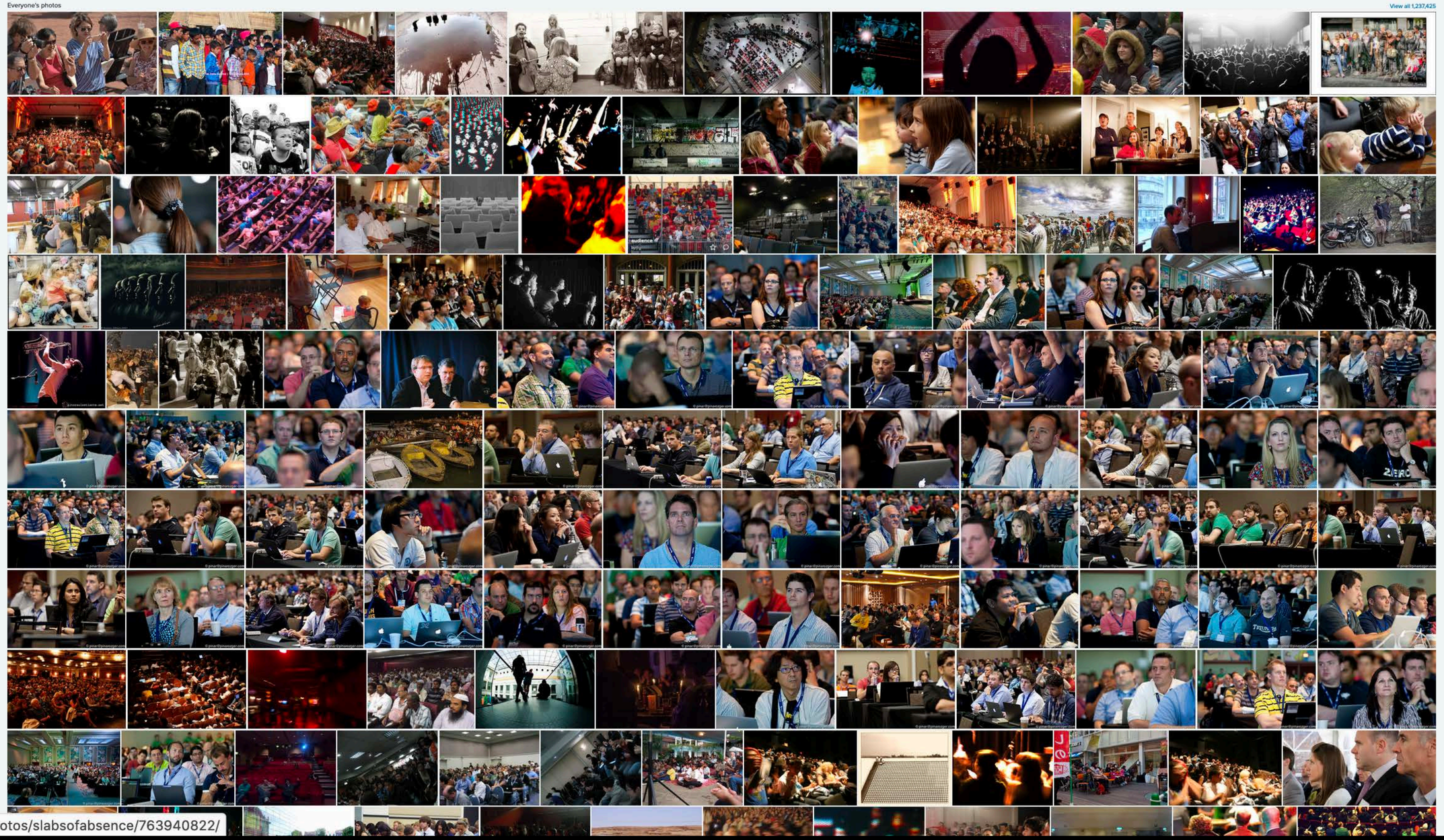

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Deep Swamp, 2018
Tega Brain
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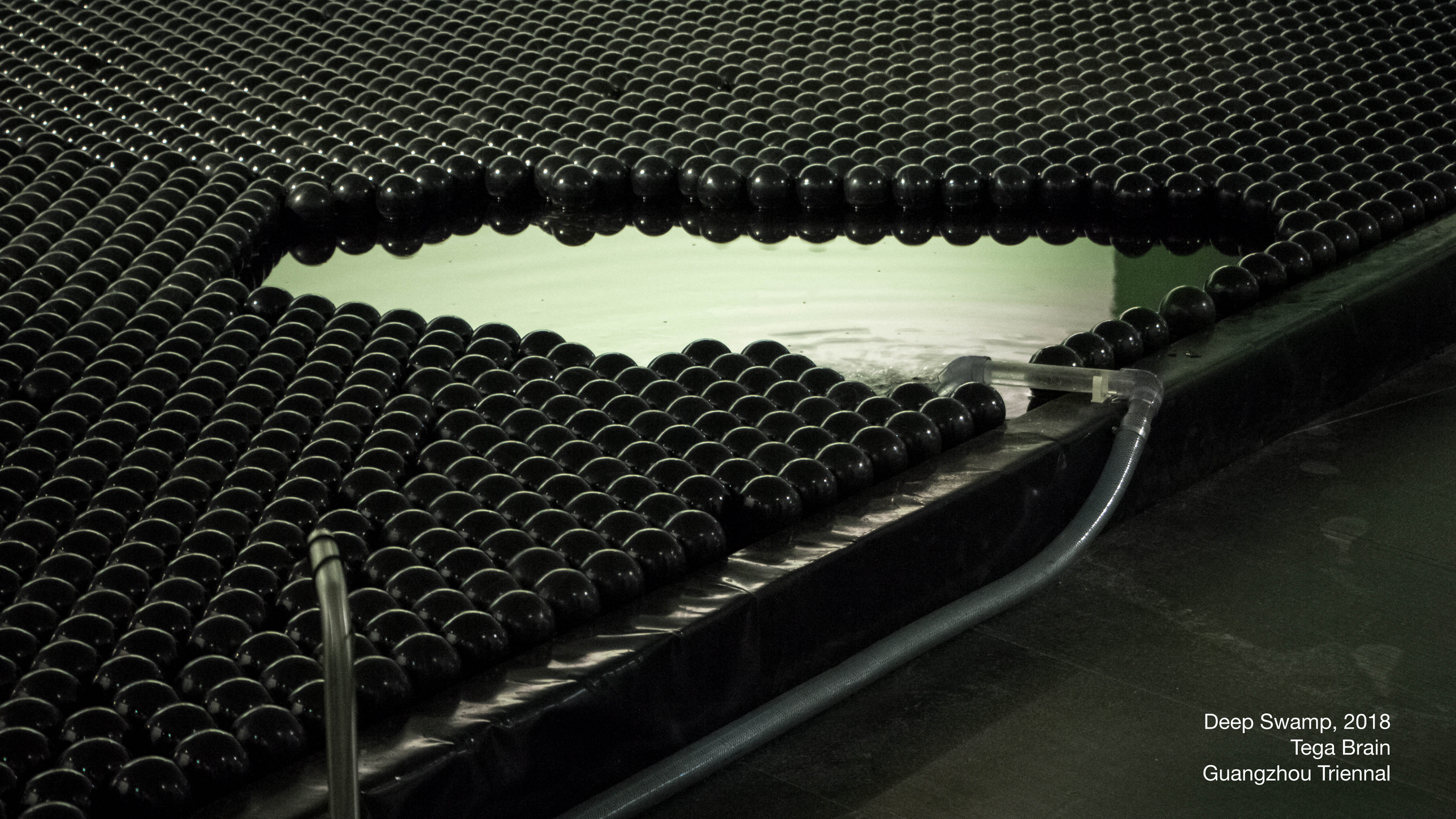

Deep Swamp, 2018
Tega Brain
Guangzhou Triennal