

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/m ² /s
Convection mass flux from ZM deep	kg/m ² /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/m ²
Clearsky downwelling longwave flux at surface	W/m ²
Net longwave flux at surface	W/m ²
Clearsky net longwave flux at surface	W/m ²
Net longwave flux at top of model	W/m ²
Clearsky net longwave flux at top of model	W/m ²
Upwelling longwave flux at top of model	W/m ²
Clearsky upwelling longwave flux at top of model	W/m ²
Fractional occurrence of shallow convection	fraction

CASE NAME:

Dubai, UAE

DISPLAYING:

**GENERATING REGION
MODIFICATION OPTIONS**

CASE DATA:

Location: 25.07 lon, 54.94 lat

Land Use: Urban areas

Population: 3.13 million

Density: 136/km²

GDP (2008): EUR31,200 per capita

CO₂e: 23.3 metric tons per capita

Average temperature: 33-36°C

Annual rainfall: 94mm

Endangered Species Count: 21

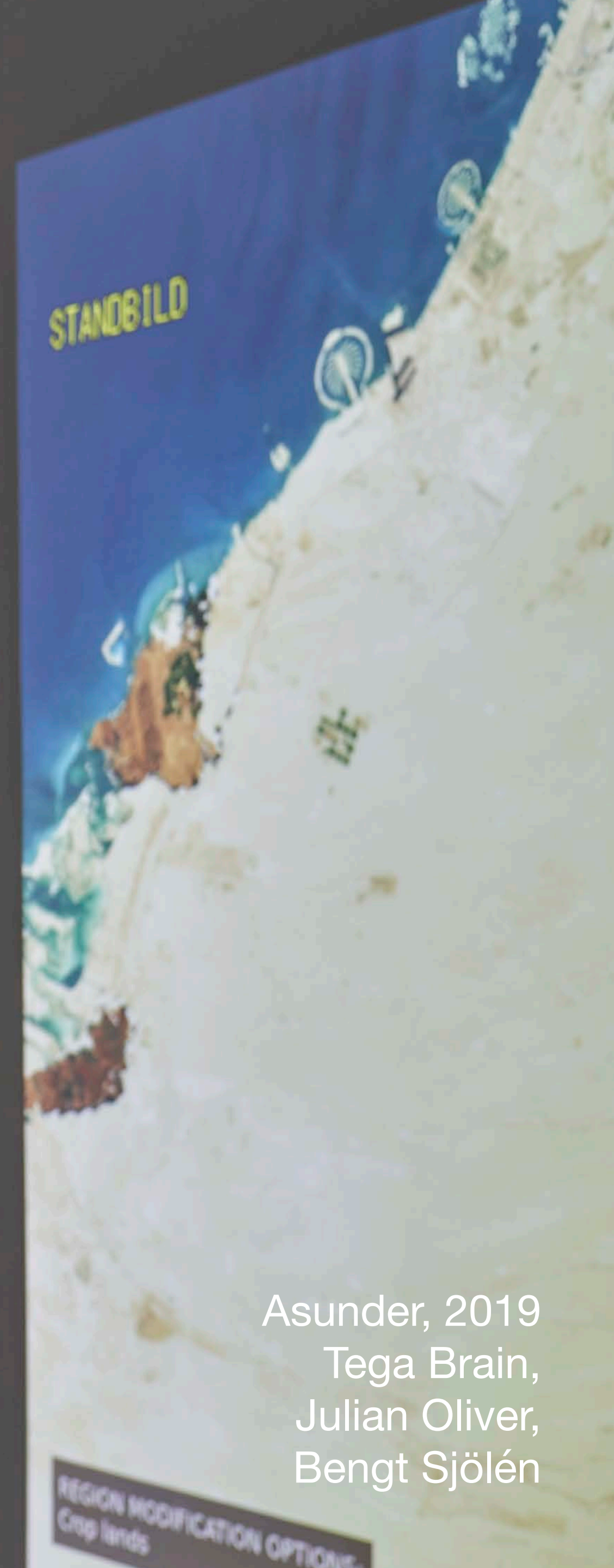
Urbanisation, air and water pollution,
freshwater consumption

Remote impact: industrial pollution,
supply-chain emissions, plastic
waste, mining, deforestation, over-
fishing, warming

GENERATING MODIFICATION OPTIONS:



STANDBILD



REGION MODIFICATION OPTIONS:
Crop lands

Asunder, 2019
Tega Brain,
Julian Oliver,
Bengt Sjölen

Tega Brain

THE ENVIRONMENT IS NOT A SYSTEM

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

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Tega Brain: THE ENVIRONMENT IS NOT A SYSTEM

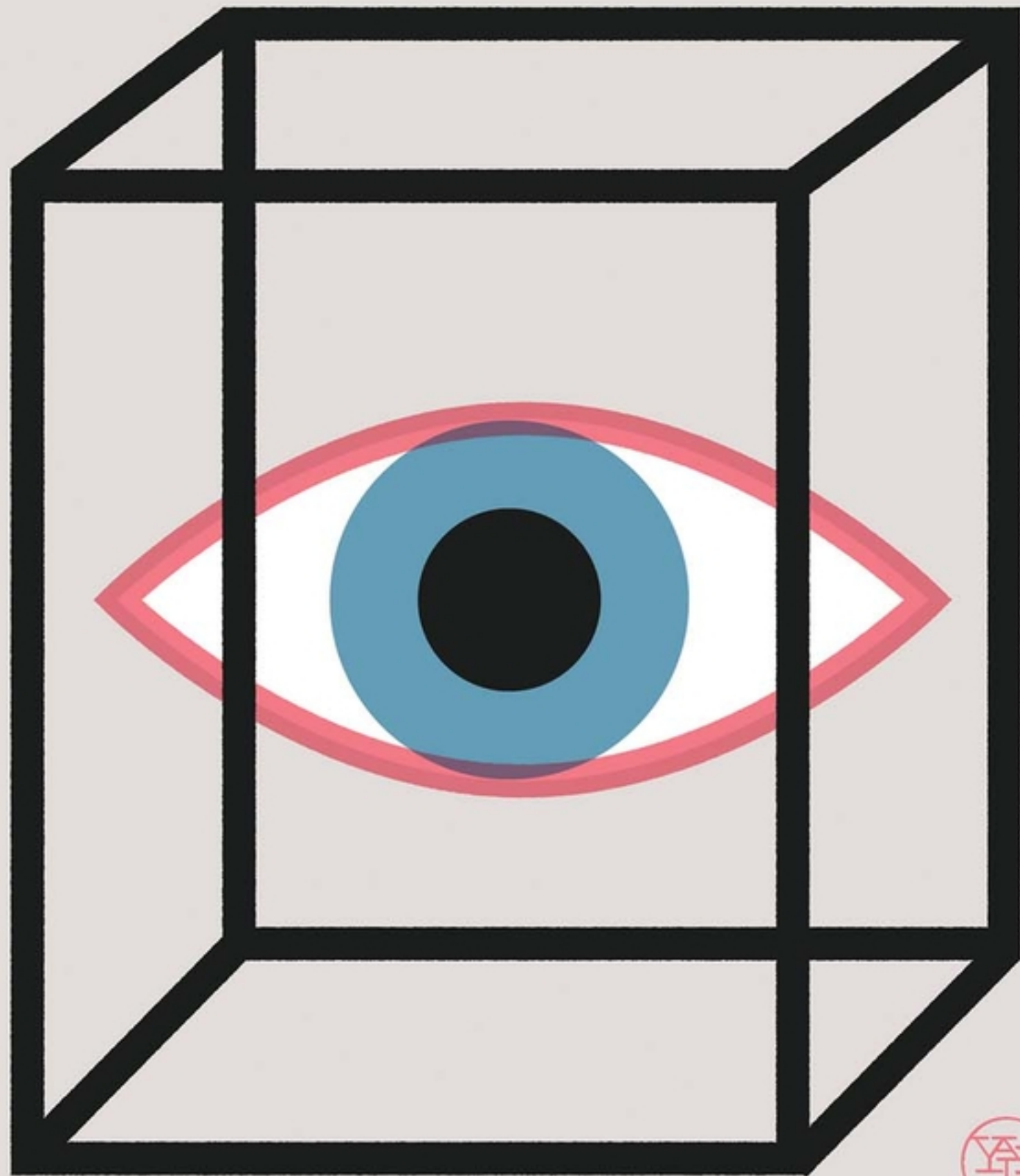


inquiry, specifically exploring the modes of knowledge production that it mobilizes. As has been argued by authors like Katherine Hayles and Jennifer Gabrys, computation goes beyond just reading and representing the world. As a mode of inquiry it has a powerful world-making capacity, generat-

Seeing Like a State

How Certain Schemes to Improve the Human Condition Have Failed

James C. Scott



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

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 [Twitter](#) [LinkedIn](#)

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**

TensorFlow For Poets ⌚ 26 mins remaining

- 1 Introduction
- 2 Setup
- 3 Relaunch Docker
- 4 Download the training images
- 5 (Re)training the network
- 6 Training And TensorBoard (Optional)
- 7 Using the Retrained Model
- 8 Next steps


1. Introduction

Warning: This Codelab is Deprecated.
 Only use this version if you plan to run [TFLite on iOS](#).
 Please see the [new TensorFlow 2.0 version](#), for a modern, simplified approach to training this model.
 The new version is compatible with [TFLite on Android Codelab](#).

[TensorFlow](#) is an open source library for numerical computation, specializing in machine learning applications.

What you will build

In this codelab, you will learn how to run TensorFlow on a single machine, and will train a simple classifier to classify images of flowers.



[Next](#)

[Report a mistake](#)

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

IMAGENET Basic User Interface

Main | Instructions | Unsure? Look up in Wikipedia | Google | [\[Additional input \]](#) | [No good photos? Have expertise? comments? Click here!](#)

First time workers please click here for instructions.

Click on the photos that contain the object or depict the concept of : **delta**: a low triangular area of alluvial deposits where a river divides before entering a larger body of water; "the Mississippi River delta"; "the Nile delta" .(PLEASE READ DEFINITION CAREFULLY)
 Pick as many as possible. *PHOTOS ONLY, NO PAINTINGS, DRAWINGS, etc.* It's OK to have other objects, multiple instances, occlusion or text in the image.
 Do not use back or forward button of your browser. OCCASIONALLY THERE MIGHT BE ADULT OR DISTURBING CONTENT.

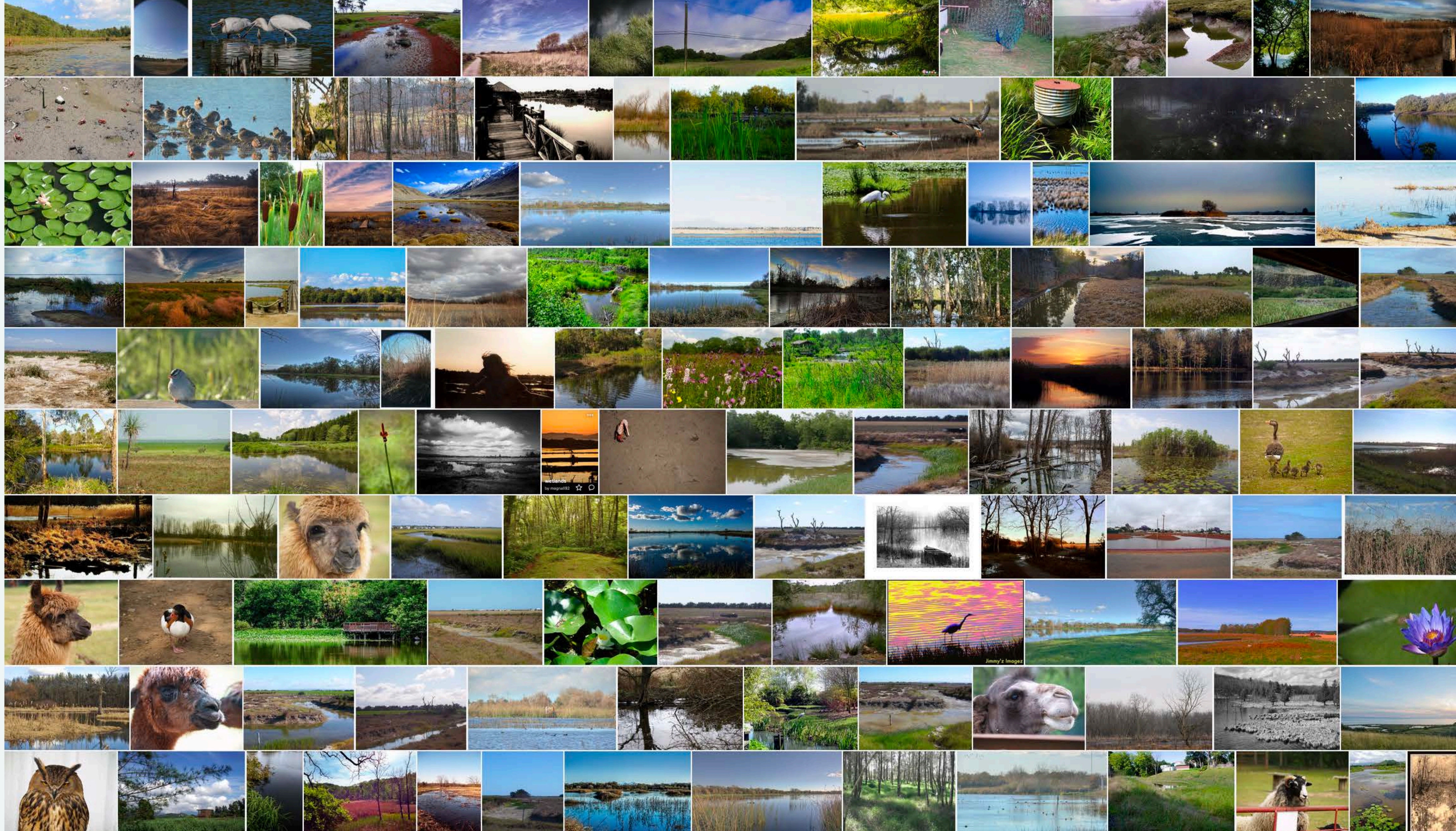
Below are the photos you have selected FROM THIS PAGE ONLY (they will be saved when you navigate to other pages). Click to deselect.



what's this? | select all | deselect all | < page 1 of 6 > | Submit | PREVIEW MODE. TO WORK ON THIS HIT, ACCEPT IT FIRST.

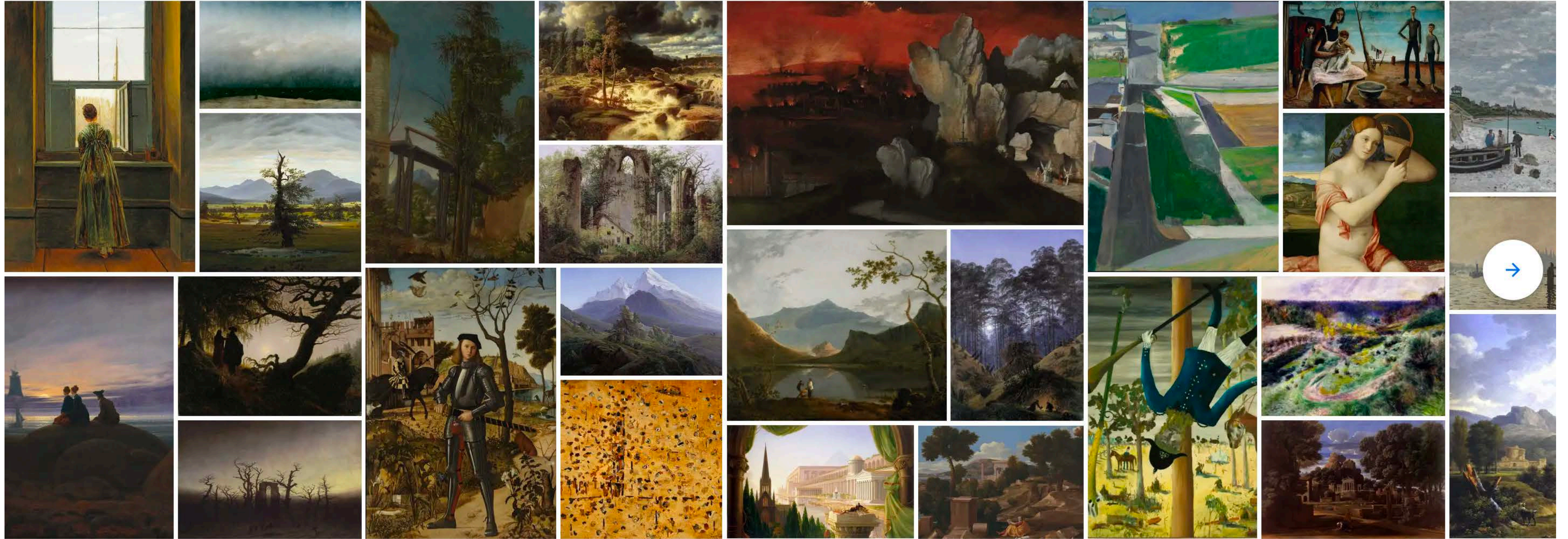
Interface used by Amazon Turk Workers to label pictures in ImageNet

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



Search for 'wetland' on
Flickr.com

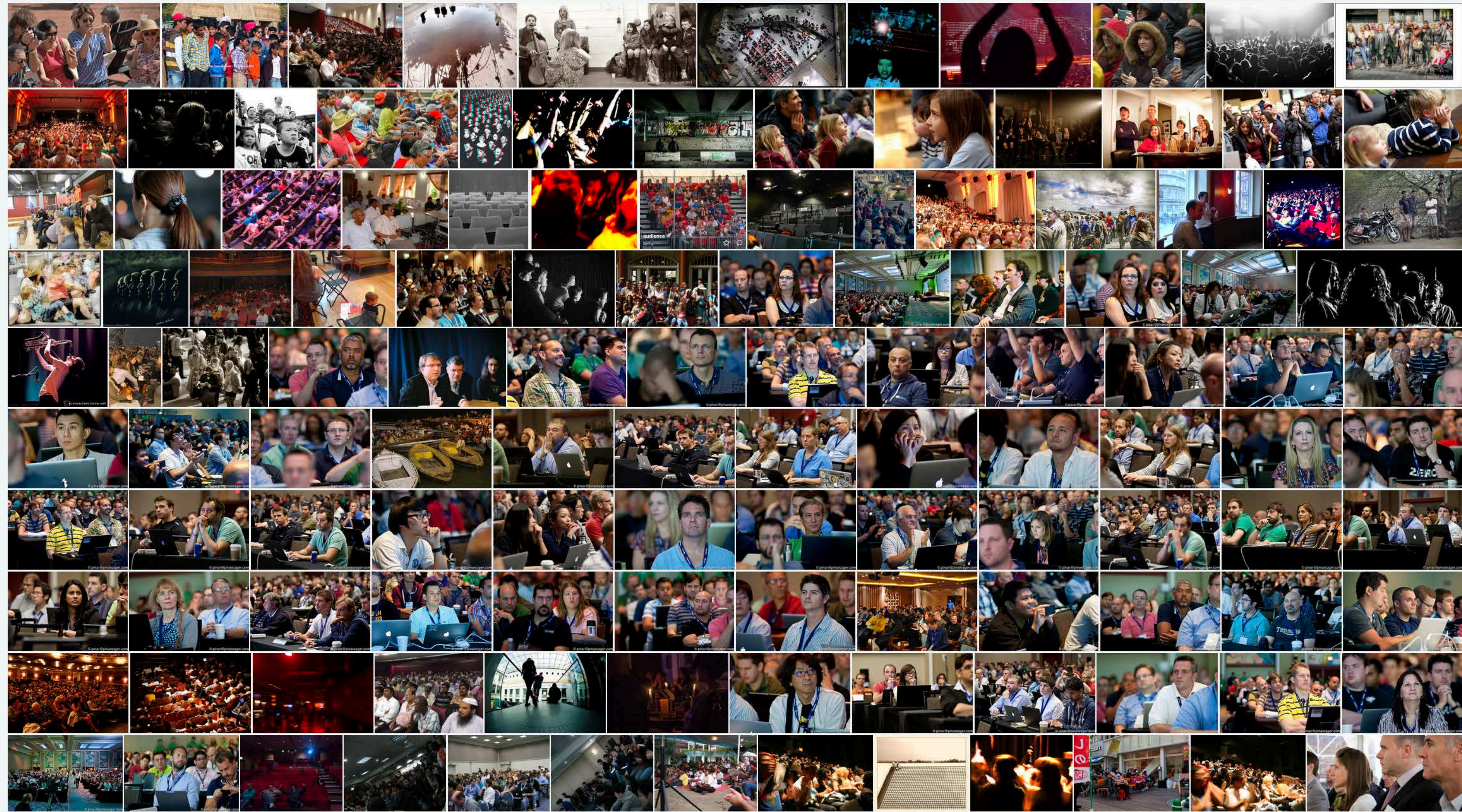
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20 museum views

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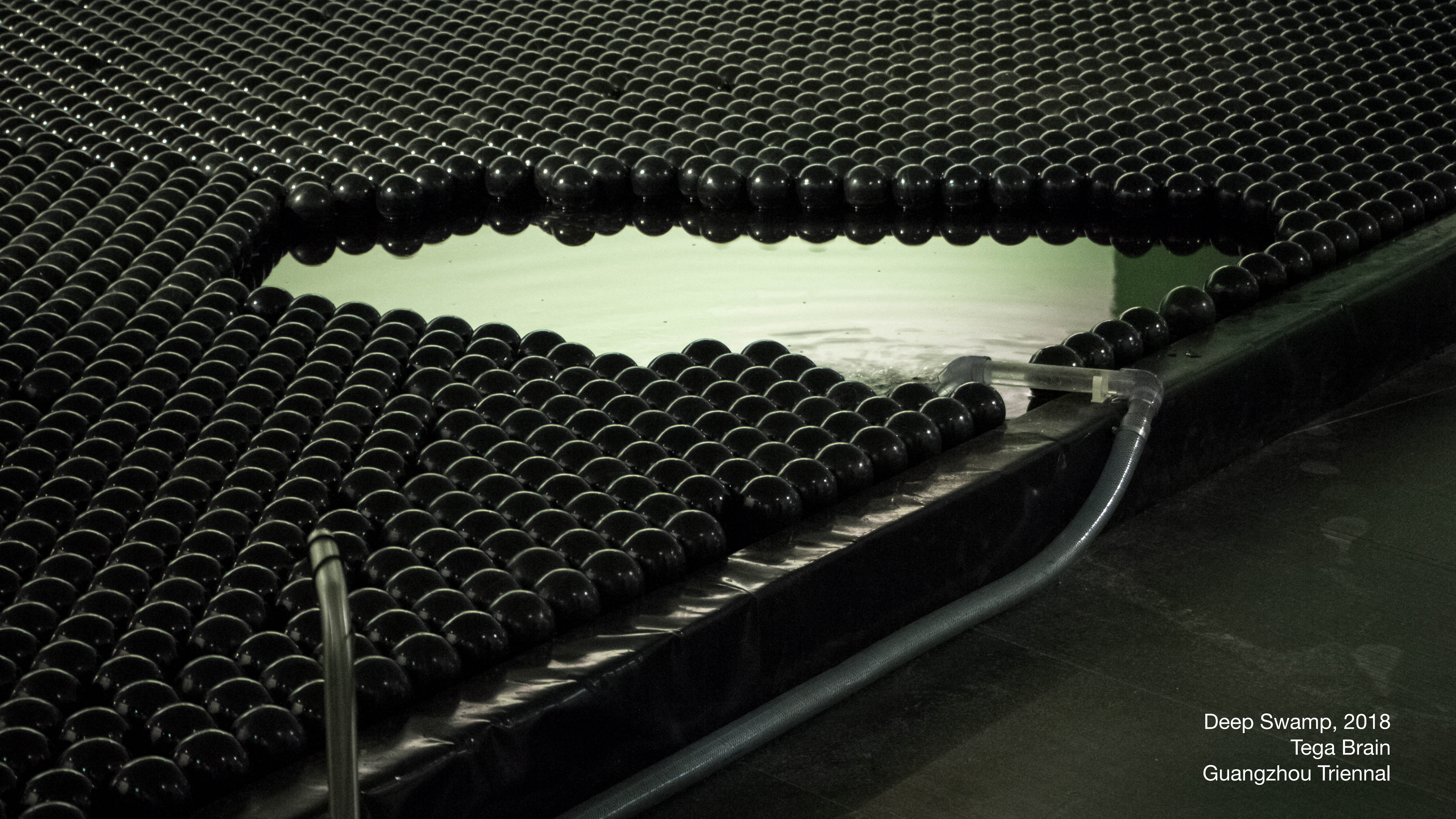


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Deep Swamp, 2018
Tega Brain
Guangzhou Triennial

