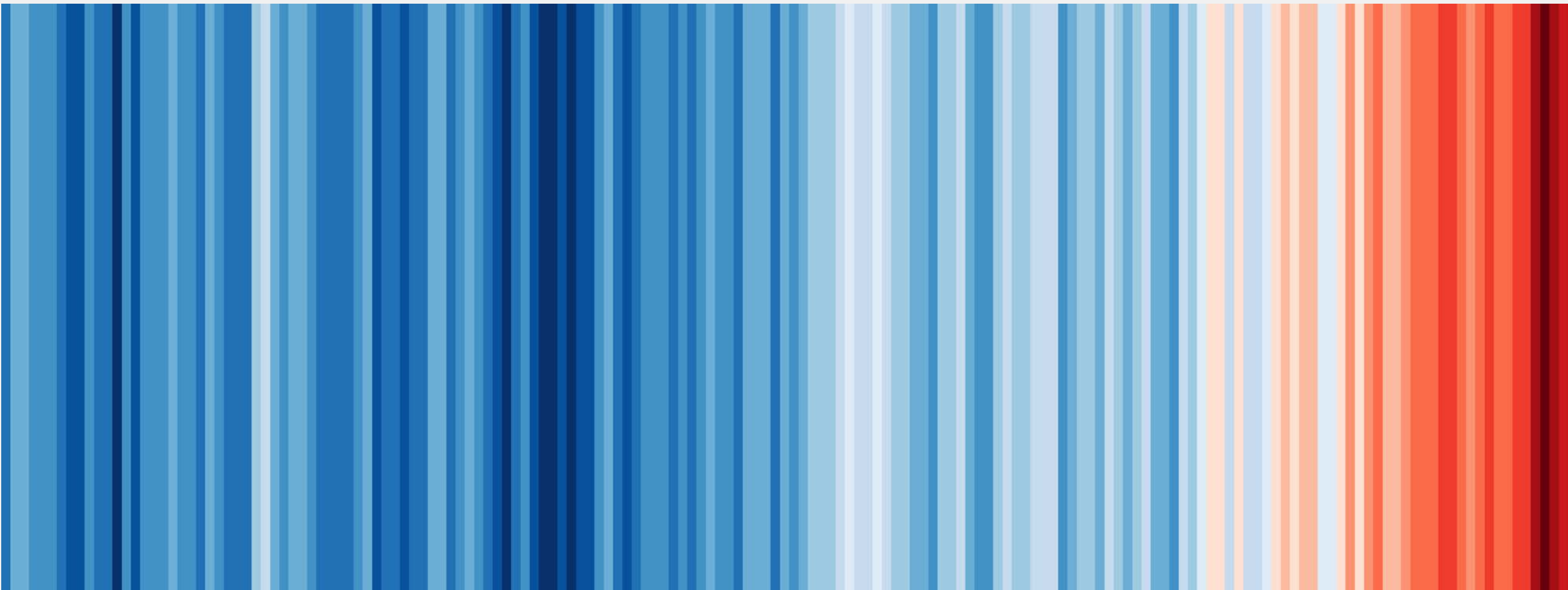
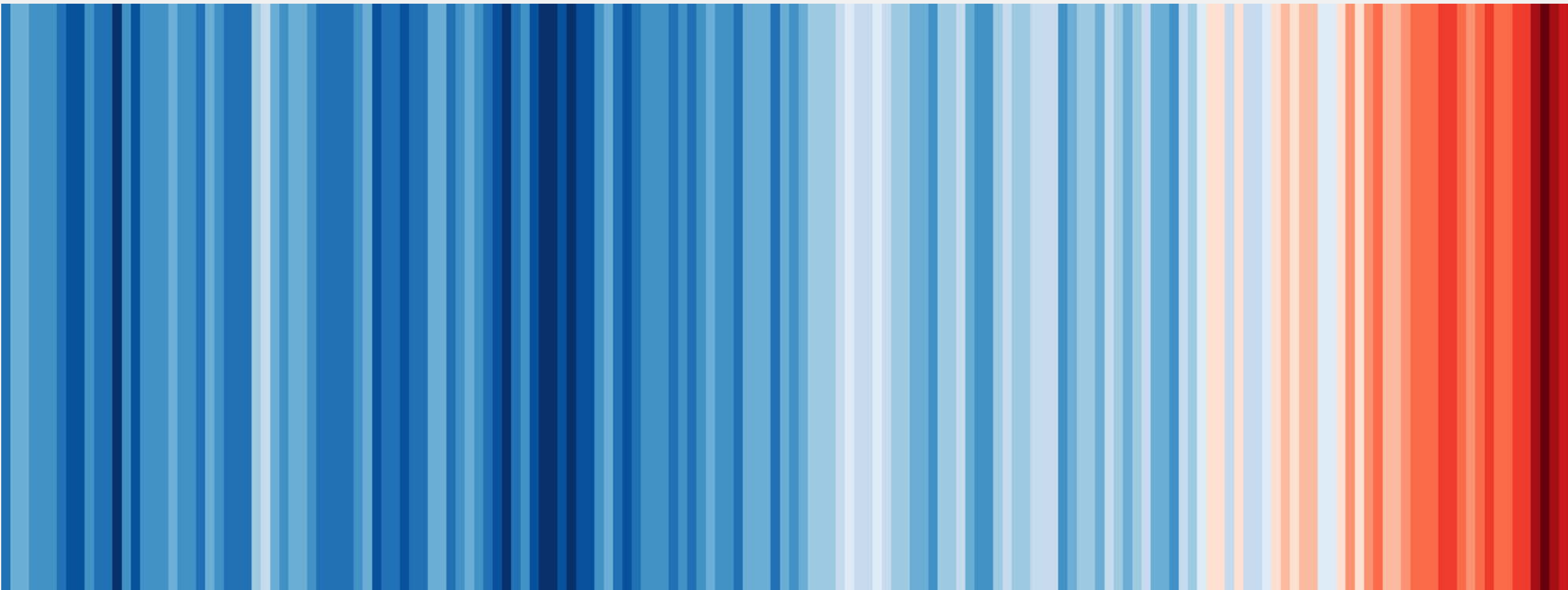


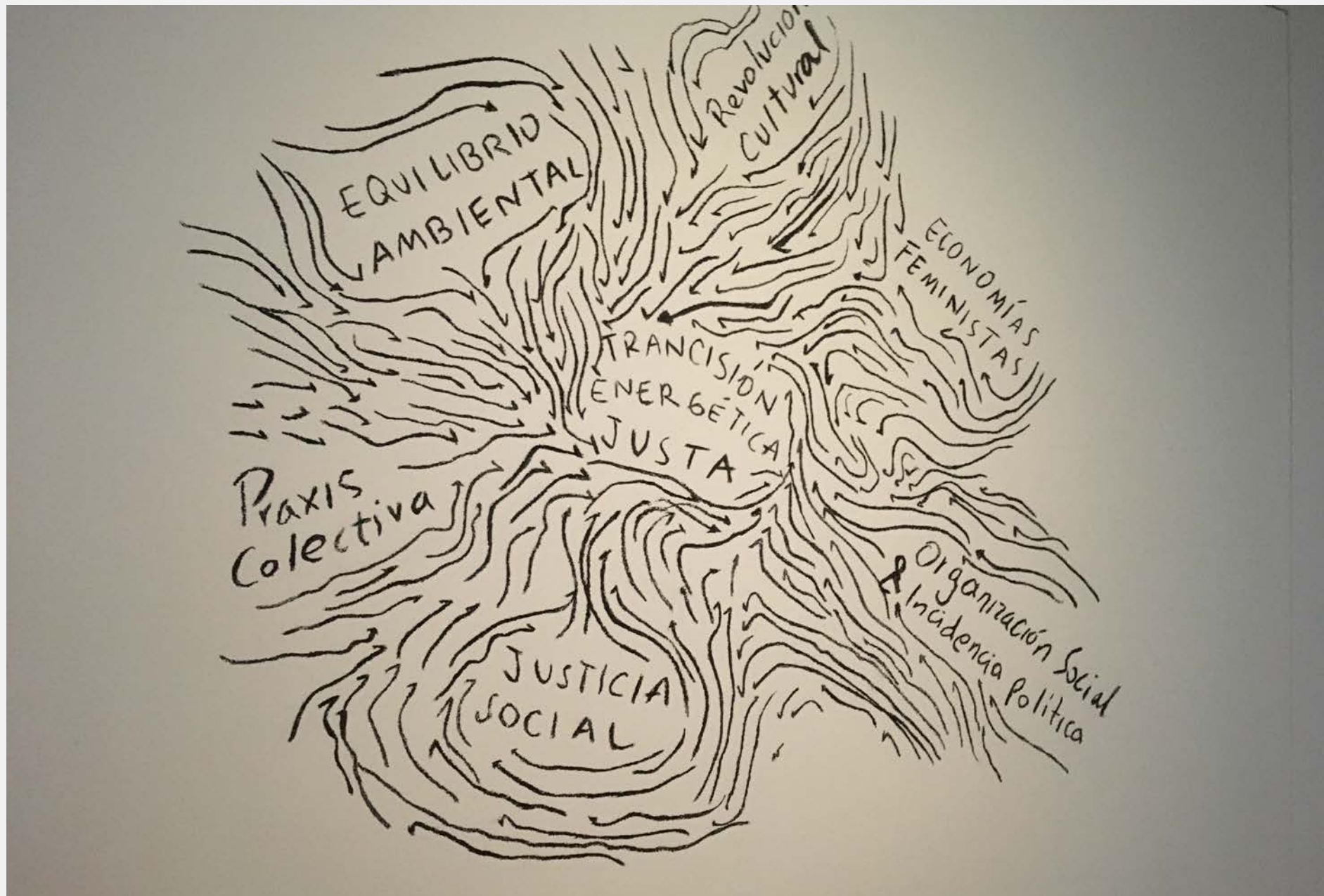
THE SCOPE OF POLITICAL ECOLOGY AND ARTISTIC PRACTICE

Sina Ribak, transdisciplinary research for sustainability, April 2, 2019

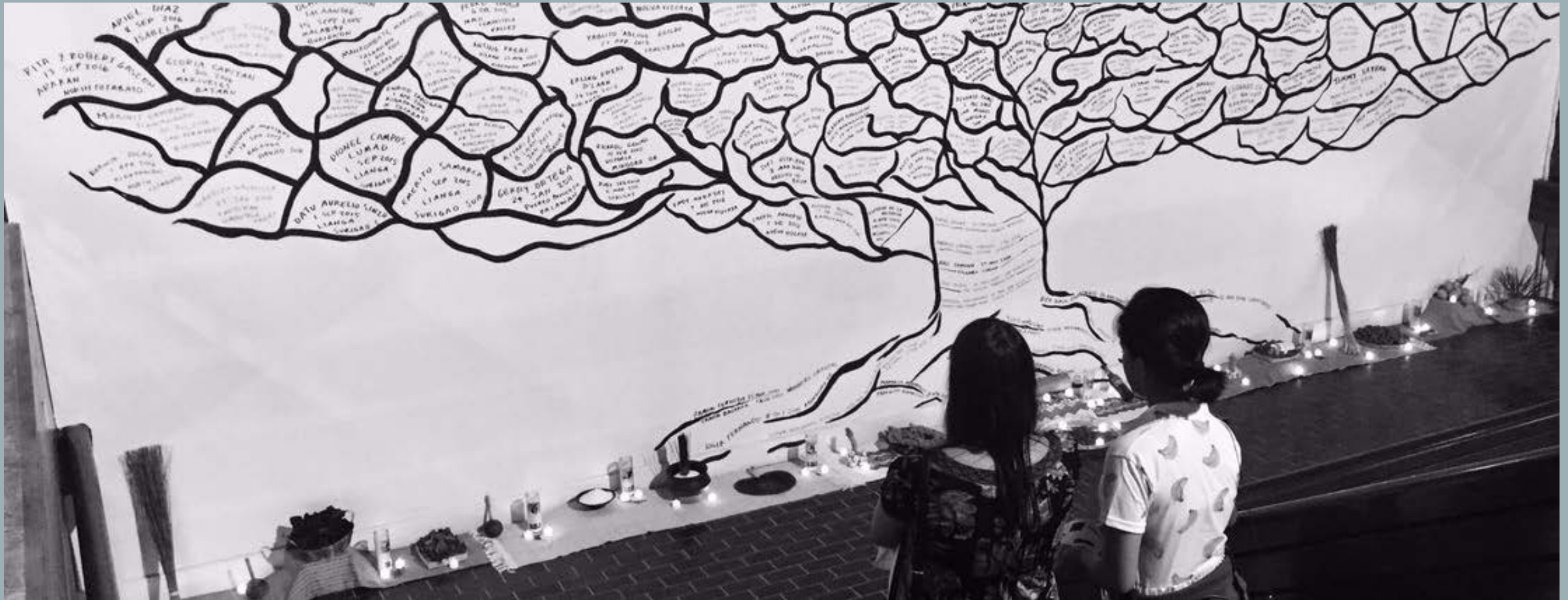




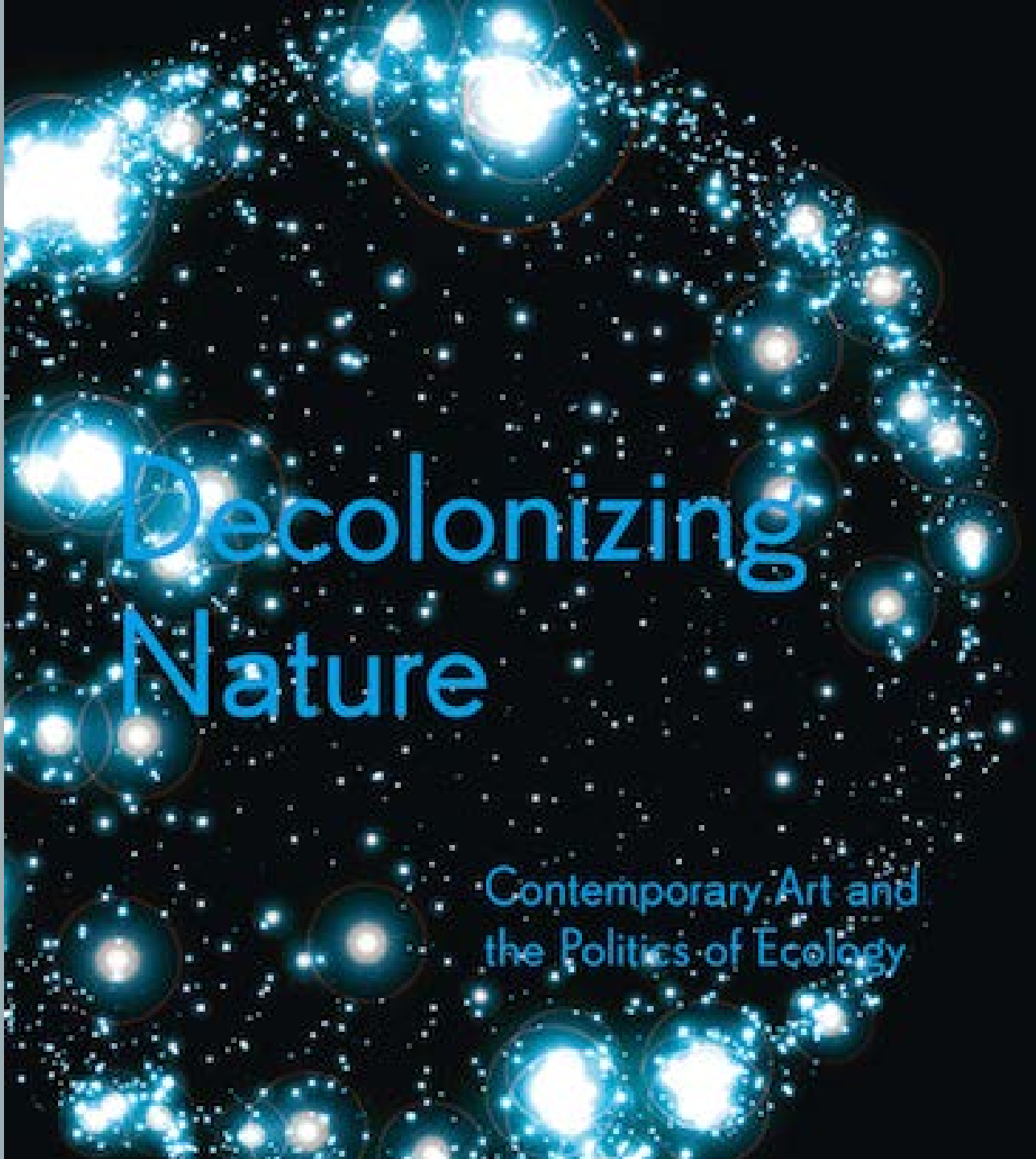
Ed Hawkins: Warming stripes for 1850-2018 using the WMO annual global temperature dataset, Climate Lab Book, 2018.



Carolina Caycedo: Installation in exhibition 'How to talk with birds, trees, fish, shells, snakes, lions and bulls'. Hamburger Bahnhof, Berlin, 2018



Carolina Caycedo: Geneology of a Struggle, installation, Vargas Museum in Quezon City, Philippines, 2017



Decolonizing Nature

Contemporary Art and
the Politics of Ecology

**HOW FAR ARTISTIC
PRACTICES MAY BE ABLE
TO SHAPE PUBLIC SPACE,
CIVIC RESPONSIBILITY,
AND POLITICAL ACTION?**



Amy Balkin: Public Smog, 2004

An aerial photograph of a sky filled with a dense layer of white, puffy clouds, which are partially obscured by a thick, greyish-blue smog. The text is centered over the image in a clean, white, sans-serif font.

PUBLIC SMOG IS A
SCHEME TO BUY BACK
YOUR RIGHTS ON
THE OPEN MARKET

	A	B	C	D	E	F	G	H	I	J	K	L	M
	Registration Number	Seller ID	Seller Name	Buyer ID	Buyer Name	Emittant	RTC Expiring	Zone	Quantity (lbs)	Price (\$/lbs)	Trade Status	Trade Status Date	Date Received
7	7110	700004	CANTOR FITZGERALD BROKERAGE, L.P.	137977	FIVEPLANTS ASSOCIATES, A CAL LTD P	NOx	Dec - 2004	Coastal	5,000	\$ 1.30	Processing trade; Com	7/2/04	6/2
8	7111	101337	NATIONAL OFFSETS	700004	CANTOR FITZGERALD BROKERAGE, L.P.	NOx	Dec - 2004	Coastal	24,972	\$ -	Processing trade; Com	6/30/04	6/2
9	7112	700004	CANTOR FITZGERALD BROKERAGE, L.P.	800335	LA CITY, DEPT OF AIRPORT	NOx	Dec - 2004	Coastal	24,972	\$ 1.25	Processing trade; Com	7/2/04	6/2
U	7113	14502	VERNON CITY, LIGHT & POWER DEPT	700004	CANTOR FITZGERALD BROKERAGE, L.P.	NOx	Jun - 2004	Coastal	8,000	\$ -	Processing trade; Com	6/24/04	6/1
L	7113	14502	VERNON CITY, LIGHT & POWER DEPT	700004	CANTOR FITZGERALD BROKERAGE, L.P.	NOx	Jun - 2004	Coastal	8,000	\$ -	Processing trade; Com	6/24/04	6/1
Z	7114	700073	Multifuels, L.P.	94872	METAL CONTAINER CORP	NOx	Jun - 2004	Coastal	10,000	\$ 0.85	Processing trade; Com	7/2/04	6/2
3	7115	700004	CANTOR FITZGERALD BROKERAGE, L.P.	135860	NAVERUS, INC	NOx	Dec - 2004	Coastal	2,608	\$ 3.00	Processing trade; Com	7/14/04	6/1
4	7115	700004	CANTOR FITZGERALD BROKERAGE, L.P.	135860	NAVERUS, INC	NOx	- 2006 to	Coastal	2,611	\$ 3.00	Processing trade; Com	7/14/04	6/1
5	7115	700004	CANTOR FITZGERALD BROKERAGE, L.P.	135860	NAVERUS, INC	NOx	1 and all	Coastal	47,087	\$ 6.44	Processing trade; Com	7/14/04	6/1
6	7115	700004	CANTOR FITZGERALD BROKERAGE, L.P.	135860	NAVERUS, INC	NOx	Jun - 2004	Coastal	229	\$ 3.00	Processing trade; Com	7/14/04	6/1
b	7115	700004	CANTOR FITZGERALD BROKERAGE, L.P.	135860	NAVERUS, INC	NOx	Jun - 2005	Coastal	616	\$ 3.00	Processing trade; Com	7/14/04	6/1
8	7115	700004	CANTOR FITZGERALD BROKERAGE, L.P.	135860	NAVERUS, INC	NOx	Jun - 2006	Coastal	619	\$ 3.00	Processing trade; Com	7/14/04	6/1
9	7115	700004	CANTOR FITZGERALD BROKERAGE, L.P.	135860	NAVERUS, INC	NOx	- 2007 to	Coastal	616	\$ 3.00	Processing trade; Com	7/14/04	6/1
U	7115	700004	CANTOR FITZGERALD BROKERAGE, L.P.	135860	NAVERUS, INC	NOx	2 and all	Coastal	14,174	\$ 6.44	Processing trade; Com	7/14/04	6/1
L	7116	135860	NAVERUS, INC	700004	CANTOR FITZGERALD BROKERAGE, L.P.	NOx	Dec - 2004	Coastal	2,608	\$ -	Processing trade; Com	7/21/04	6/1
Z	7116	135860	NAVERUS, INC	700004	CANTOR FITZGERALD BROKERAGE, L.P.	NOx	- 2006 to	Coastal	2,611	\$ -	Processing trade; Com	7/21/04	6/1
3	7116	135860	NAVERUS, INC	700004	CANTOR FITZGERALD BROKERAGE, L.P.	NOx	1 and all	Coastal	47,087	\$ -	Processing trade; Com	7/21/04	6/1
4	7116	135860	NAVERUS, INC	700004	CANTOR FITZGERALD BROKERAGE, L.P.	NOx	Jun - 2004	Coastal	229	\$ -	Processing trade; Com	7/21/04	6/1
5	7116	135860	NAVERUS, INC	700004	CANTOR FITZGERALD BROKERAGE, L.P.	NOx	Jun - 2005	Coastal	616	\$ -	Processing trade; Com	7/21/04	6/1
6	7116	135860	NAVERUS, INC	700004	CANTOR FITZGERALD BROKERAGE, L.P.	NOx	Jun - 2006	Coastal	619	\$ -	Processing trade; Com	7/21/04	6/1
7	7116	135860	NAVERUS, INC	700004	CANTOR FITZGERALD BROKERAGE, L.P.	NOx	- 2007 to	Coastal	616	\$ -	Processing trade; Com	7/21/04	6/1
8	7116	135860	NAVERUS, INC	700004	CANTOR FITZGERALD BROKERAGE, L.P.	NOx	2 and all	Coastal	14,174	\$ -	Processing trade; Com	7/21/04	6/1
9	7117	800030	CHEVRON PRODUCTS CO.	700073	Multifuels, L.P.	NOx	Jun - 2004	Coastal	60,000	\$ 0.65	Processing trade; Com	6/30/04	6/2
U	7118	800080	LUNDAY-THAGARD OIL CO	700073	Multifuels, L.P.	NOx	Jun - 2004	Coastal	5,000	\$ 0.60	Processing trade; Com	6/30/04	6/1
L	7119	43436	TIMCO	700105	ENERGY INITIATIVE GROUP, L.P.	NOx	Jun - 2005	Coastal	10,000	\$ 1.13	Processing trade; Com	7/15/04	6/3
Z	7120	83102	LIGHT METALS INC	43436	TIMCO	NOx	Jun - 2005	Coastal	10,000	\$ 1.13	Processing trade; Com	7/7/04	6/3
3	7121	137977	FIVEPLANTS ASSOCIATES, A CAL LTD P	700004	CANTOR FITZGERALD BROKERAGE, L.P.	NOx	Jun - 2004	Coastal	10,000	\$ -	Processing trade; Com	7/2/04	6/2
4	7122	800030	CHEVRON PRODUCTS CO.	700004	CANTOR FITZGERALD BROKERAGE, L.P.	NOx	Jun - 2004	Coastal	18,315	\$ -	Processing trade; Com	7/2/04	6/2
5	7123	700004	CANTOR FITZGERALD BROKERAGE, L.P.	104012	AERA ENERGY LLC	NOx	Jun - 2004	Coastal	18,315	\$ 0.80	Processing trade; Com	7/7/04	6/2
6	7124	700004	CANTOR FITZGERALD BROKERAGE, L.P.	104012	AERA ENERGY LLC	NOx	Jun - 2004	Coastal	10,000	\$ 0.80	Processing trade; Com	7/7/04	6/2
7	7125	700066	NATSOURCE LLC	131003	BP WEST COAST PROD. LLC, CARSON R	NOx	Dec - 2004	Coastal	106,429	\$ 2.40	Processing trade; Com	7/2/04	6/3
8	7125	700066	NATSOURCE LLC	131003	BP WEST COAST PROD. LLC, CARSON R	NOx	- 2006 to	Coastal	158,809	\$ 2.40	Processing trade; Com	7/2/04	6/3
9	7125	700066	NATSOURCE LLC	131003	BP WEST COAST PROD. LLC, CARSON R	NOx	1 and all	Coastal	158,809	\$ 2.40	Processing trade; Com	7/2/04	6/3
U	7126	800038	DOUGLAS PRODUCTS DIVISION	700066	NATSOURCE LLC	NOx	Jun - 2004	Coastal	15,000	\$ -	Processing trade; Com	7/2/04	6/3
L	7127	700066	NATSOURCE LLC	700073	Multifuels, L.P.	NOx	Jun - 2004	Coastal	15,000	\$ 0.59	Processing trade; Com	7/7/04	6/3
Z	7128	700004	CANTOR FITZGERALD BROKERAGE, L.P.	135860	NAVERUS, INC	NOx	1 and all	Coastal	9,196	\$ 6.44	Processing trade; Com	7/15/04	6/3
3	7129	101337	[REDACTED]	700116	AMY BALKIN	NOx	Jun - 2004	Coastal	24	\$ 4.25	Processing trade; Com	7/9/04	6/1
4	7130	800080	LUNDAY-THAGARD OIL CO	700073	Multifuels, L.P.	NOx	Jun - 2004	Coastal	3,000	\$ 0.45	Processing trade; Com	7/21/04	7/1
5	7131	700073	Multifuels, L.P.	115563	METAL COATERS OF CALIFORNIA	NOx	Jun - 2004	Coastal	3,500	\$ 0.85	Processing trade; Com	7/21/04	7/1
6	7132	67945	GREAT WESTERN MALTING CO., INC.	700066	NATSOURCE LLC	NOx	- 2004 to	Coastal	7,700	\$ -	Processing trade; Com	7/27/04	7/1
7	7132	67945	GREAT WESTERN MALTING CO., INC.	700066	NATSOURCE LLC	NOx	2 and all	Coastal	7,700	\$ -	Processing trade; Com	7/27/04	7/1
8	7133	700066	NATSOURCE LLC	700105	ENERGY INITIATIVE GROUP, L.P.	NOx	- 2004 to	Coastal	7,700	\$ 2.35	Processing trade; Secc	7/29/04	7/1
9	7133	700066	NATSOURCE LLC	700105	ENERGY INITIATIVE GROUP, L.P.	NOx	2 and all	Coastal	7,700	\$ 2.35	Processing trade; Secc	7/29/04	7/1
U	7134	700020	ADV. ENV. CNTRL CONSULTING & ENGR.	700004	CANTOR FITZGERALD BROKERAGE, L.P.	NOx	- 2005 to	Coastal	3,200	\$ -	Processing trade; Com	7/21/04	7/1
L	7135	700004	CANTOR FITZGERALD BROKERAGE, L.P.	101337	NATIONAL OFFSETS	NOx	- 2005 to	Coastal	3,200	\$ 1.86	Processing trade; Com	7/27/04	7/1
Z	7136	700105	ENERGY INITIATIVE GROUP, L.P.	700004	CANTOR FITZGERALD BROKERAGE, L.P.	NOx	Dec - 2004	Coastal	8,500	\$ -	Processing trade; Com	7/21/04	7/1
3	7136	700105	ENERGY INITIATIVE GROUP, L.P.	700004	CANTOR FITZGERALD BROKERAGE, L.P.	NOx	Jun - 2005	Coastal	8,500	\$ -	Processing trade; Com	7/21/04	7/1
4	7137	700004	CANTOR FITZGERALD BROKERAGE, L.P.	131732	NEWPORT FAB, LLC	NOx	Dec - 2004	Coastal	8,500	\$ 1.30	Processing trade; Com	7/27/04	7/1
5	7137	700004	CANTOR FITZGERALD BROKERAGE, L.P.	131732	NEWPORT FAB, LLC	NOx	Jun - 2005	Coastal	8,500	\$ 1.80	Processing trade; Com	7/27/04	7/1
6	7138	7427	OWENS-BROCKWAY GLASS CONTAINER	700004	CANTOR FITZGERALD BROKERAGE, L.P.	NOx	Dec - 2004	Coastal	75,000	\$ -	Processing trade; Com	7/21/04	7/1
7	7139	700004	CANTOR FITZGERALD BROKERAGE, L.P.	800181	CALIFORNIA PORTLAND CEMENT CO (NS	NOx	Dec - 2004	Coastal	75,000	\$ 1.30	Processing trade; Com	7/28/04	7/1
8	7140	800372	EQUILON ENTER. LLC, SHELL OIL PROD	700004	CANTOR FITZGERALD BROKERAGE, L.P.	NOx	Jun - 2004	Coastal	35,000	\$ -	Processing trade; Com	7/27/04	7/1

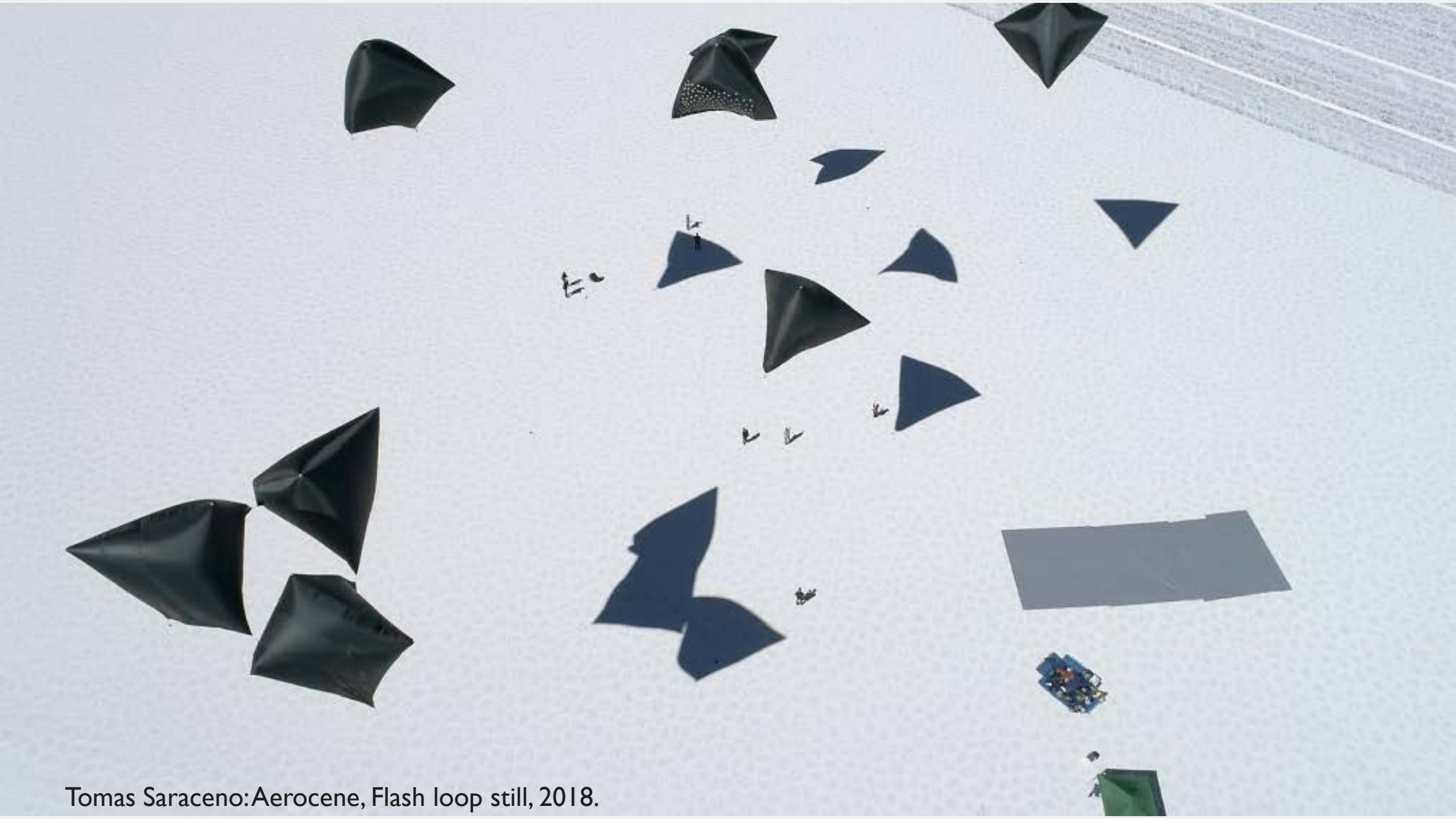
EARTH'S ATMOSPHERE ON THE WORLD HERITAGE LIST

ANTHROPOCENE

POLITICAL ECOLOGY

ART SCIENCE ACTIVISM

AEROCENE – FOSSIL FREE WORLD



Tomas Saraceno: Aerocene, Flash loop still, 2018.



Tomas Saraceno: Aerocene, Flash loop still, 2018.



Tomas Saraceno: Aerocene, 2015.



Tomas Saraceno: *Aerocene*, 2015.

THANK YOU

Sina Ribak - transdisciplinary research for sustainability

bureau naturkulturen

+49 1590 1343 851

sina.ribak@gmail.com

Co-director Between Us and Nature – A Reading Club

#21 Wednesday April 17, 2019

[Between Us and Nature – A Reading Club](#)

PUBLICATIONS

Birgit Schneider: Klimabilder - Eine Genealogie Globaler Bildpolitiken von Klima und Klimawandel. 2018, Matthes & Seitzen, Berlin.

T.J. Demos Decolonizing Nature - Contemporary Art and the Politics of Ecology. 2016, Sternberg Press, Berlin.

LINKS

Amy Balkin, Public Smog:

<http://www.publicsmog.org/>

Birgit Schneider, Klimabilder:

<https://www.uni-potsdam.de/de/medienoekologie/index/klimabilder.html>

Carolina Caycedo, Geneology of a Struggle:

<http://carolinacaycedo.com>

<https://earthrightsdefenders.org/>

Ed Hawkins, Warming Stripes:

<http://www.climate-lab-book.ac.uk/2018/warming-stripes/#more-5516>

Tomas Saraceno, Aerocene:

<http://aerocene.org/>

Climate Lab Book

Open climate science

- **What:** This blog is an experiment in ‘open source’ climate science. It is written by climate scientists, but open to anyone to see and comment. **Guest posts are encouraged!**
- **Aim:** To promote collaboration through open scientific discussion, and to improve our understanding of our evolving climate. Success would be a single, collaborative paper as a result of discussions on this blog.
- **How:** If the posts are interesting to you, please comment. Or [contribute](#) a post of your own. Views from climate scientists (and beyond) are welcome and encouraged
- **It is not:** Please keep the discussion scientific and on topic – this is not meant to be a typical blog discussion of the consensus view on climate science.
- <http://www.climate-lab-book.ac.uk/about/>

INTERDISCIPLINARY

PARTICIPATORY

DIALOGUE

LANGUAGE