

Unit 7 Artist as Activist

Announcements:

Assignment Folders due Thurs.

Group Art 2: Tues. & Thurs.

- bring your art materials

Unit 6 wrap up

Climate Change: the global issue
of our time

2015 Paris Conference

of the Parties– COP21

earth map update

Group discussion:

Art Project



Unit 7 – lecture concepts

History of the Environmental Movement

early voices of environmentalism

events that sparked the movement

Climate Change- Paris COP 21

What is climate change?

What part do humans play?

Who attended the COP21

What agreement was reached?

Artists against climate change

Unit 7 Activities

- **Early voices of Environmentalism-** list and description
- **Video notes:** *Fierce Green Fire*
- **Artist as Activist art project**
 - Research notes
 - Group write up
 - Project write up- individual paper
- **Article, environmental organization or video – write up**
 - choose one of the links to artist websites or organizations sprinkled throughout the Unit 7 lecture part 2.
 - write a 1 page summary of the project, artist or organization, why you chose it , impact it had on you.

Unit 7 : Artist as Activist

Ecology-based land ethic

Rachel Carson

Cuyahoga River, Ohio

Earth Day April 22nd 1970

Rights of nature

Paris Climate Agreement

Climate Change



Climate change

Our Atmosphere...

- Semi-permeable membrane
- Creates our atmosphere
- **Greenhouse gases** : CO₂, Methane, Nitris Oxide, O₃ Water vapor
- CO₂ and methane are the most abundant
- **Ensures= livable planet**
 - Stable temperatures
 - Guards against solar radiation
 - Drives our weather patterns



Climate Change

CO2 and methane are released

into our atmosphere on a regular basis
by nature and human actions
respiration

- Decomposition/fermentation
- Volcanoes
- Burning – fossil fuels/wood
- Livestock= cattle, goats sheep
 - Ruminants release methane
 - Largest source of methane



Sequestering (storing) CO2

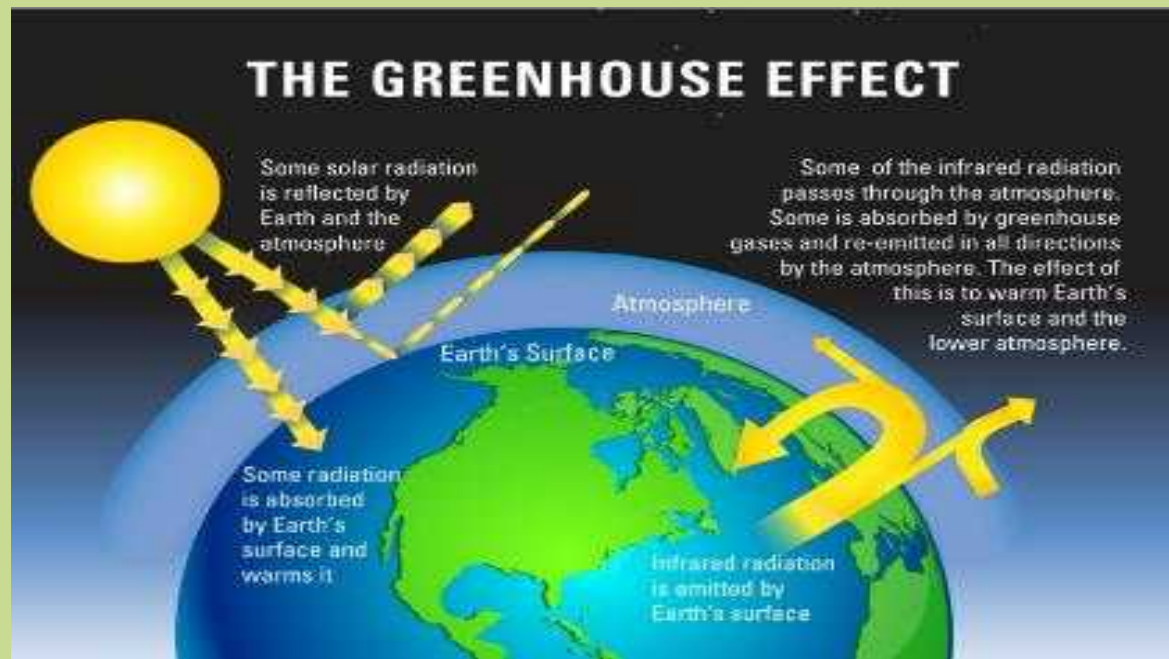


CO2 Sequestering (storage): PLANTS

- Forests- Photosynthesis-
conversion to sugar
- Wetlands
- Organic soil – microorganisms
10 billion bacterial cells / gram of soil
- Oceans - kelp & plankton
- Tundra – permafrost

how it's released

- > deforestation/wildfires
- development
- pesticides/herbicides
- artificial fertilizers
- > warming and acidification
- > thawing of soil in arctic



A build up of green house gases in the atmosphere:

- Creates an impermeable membrane
- Retains heat, solar radiation
- Feedback loop accelerating the affects

Environmental effects of Climate Change

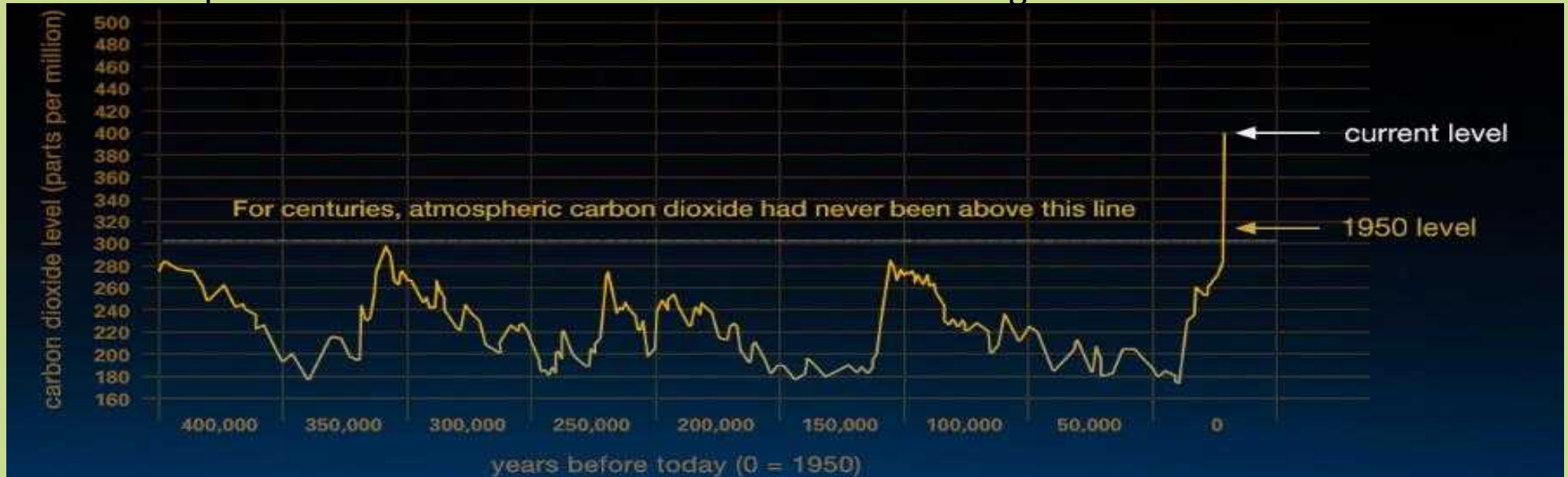


- **Average global temperature increase-**
records broken 7 years in a row
ex. Increase in parasitic events- bark beetle & tick populations
- **Sea levels rising 1 – 4 feet – land locked glacial ice melting**
ex. Florida, Marshall Islands, Antarctica, Arctic
- **Changes in weather patterns – instability**
- **Acidity of Oceans-** coral bleaching- resulting from increase of CO_2
ex. 50% of the Great Barrier Reef in Australia has been destroyed
- **Desertification/ flooding/wildfires- loss of habitat & conflict over water and land**

Climate Change

Global issue that is everyone's business

- 280ppm = Pre-industrial levels
- 350 ppm = limit to avoid disaster
- 410.82 ppm = June. 2018 CO2 levels –
 - hasn't been that level for 20 million years.
- Developed countries , USA and Europe have contributed the most to CO2 emissions for the longest time.
- Undeveloped countries contribute the least but are suffering the most from the effects.



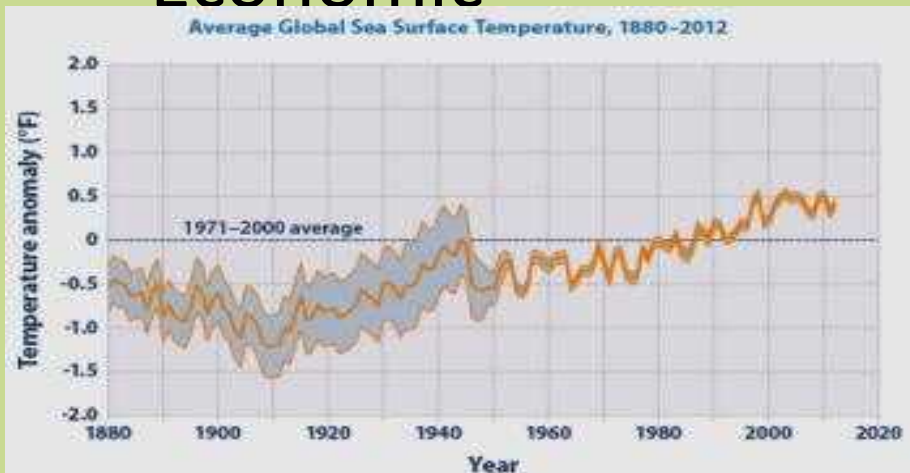
Culture of climate change denial

- **1900** earliest understanding of climate change.
- **1977** Exxon scientists warn to CEO's of effects of climate change and human caused
- Exxon other corp. respond with denial campaign
- **1988** Jim Hansen scientist for NASA 1st to bring issue to public attention
- **2014** Exxon outed for suppression of facts
- Charges filed for racketeering



Why aren't we doing more? NOW?

- invisibility
- inequality
- time span
- complexity
- uncertainty
- Economic



Data source: NOAA (National Oceanic and Atmospheric Administration), 2013. Extended reconstructed sea surface temperature (ERSSTv3b), National Climatic Data Center. Accessed February 2013. www.ncdc.noaa.gov/eisst/.



Conference of the Parties COP



United Nations
Framework Convention on
Climate Change

- Goals :
 - Setting goals to curb CO₂ emissions and the time frame in which to do it.
 - Providing \$ for mitigation and infrastructure repairs in developing countries. How are we going to pay for adapting to rise in sea levels?

Major Climate Summits

- 1997 COP3 Kyoto Protocol -in Kyoto, Japan- Bill Clinton
 - 1st real agreement with majority of countries signing.
 - To be renegotiated in 20 years
- 2015 COP21 in Paris, France – Barack Obama
 - Set goals for the next 50 years





COP 21 - Paris 2015



In the green zone at the COP

Brandalism- against green washing



<http://brandalism.ch/>

Indigenous Rising-

the delegation



World's indigenous peoples' proposals to COP21

- Respect their rights
- Recognize their traditional knowledge, innovations, and positive contributions
- Ensure their full and effective participation
- Ensure direct access to climate finance and funds

Source: International Indigenous Peoples' Forum on Climate Change (IIPFCC)

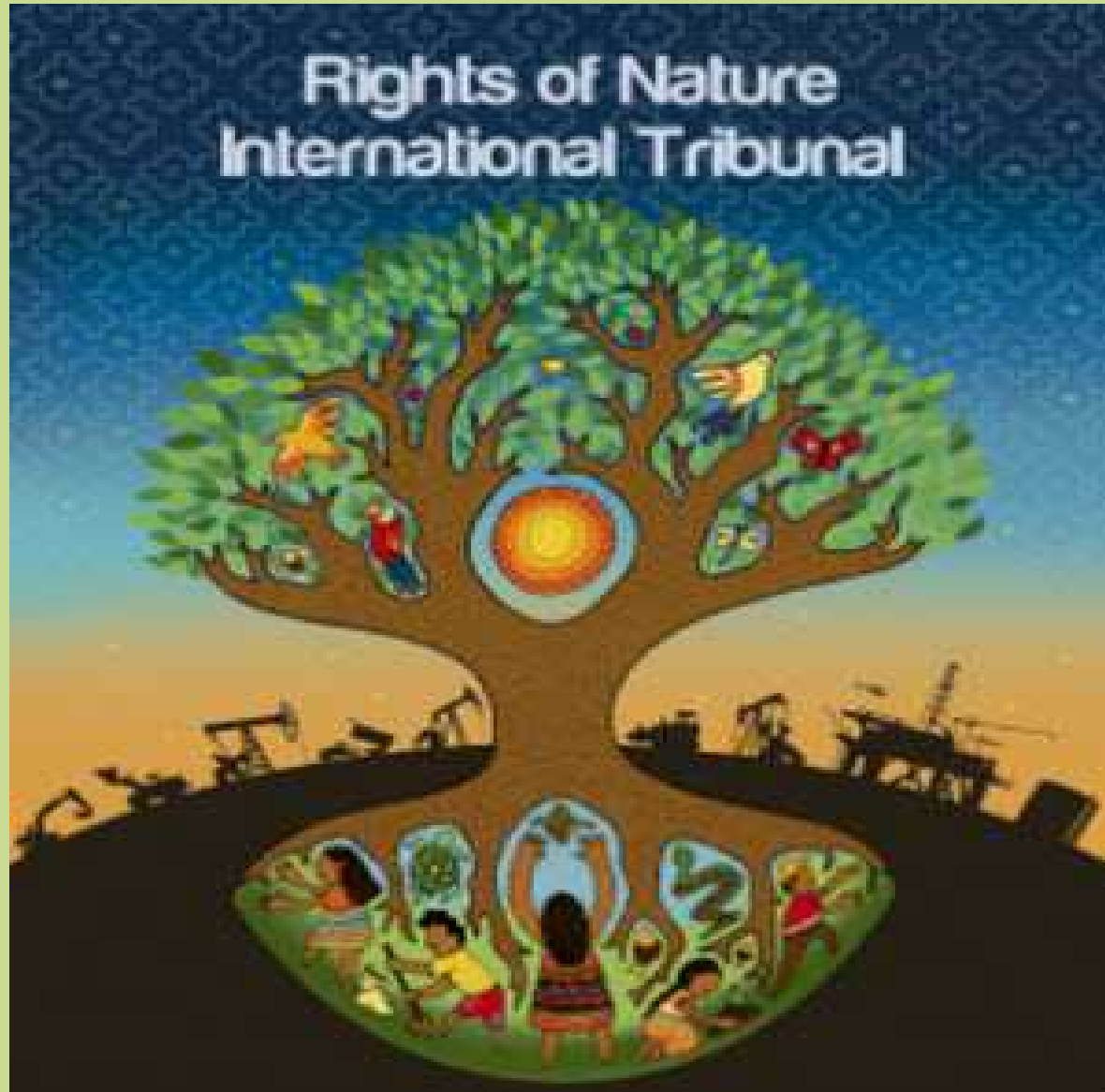
#COP21

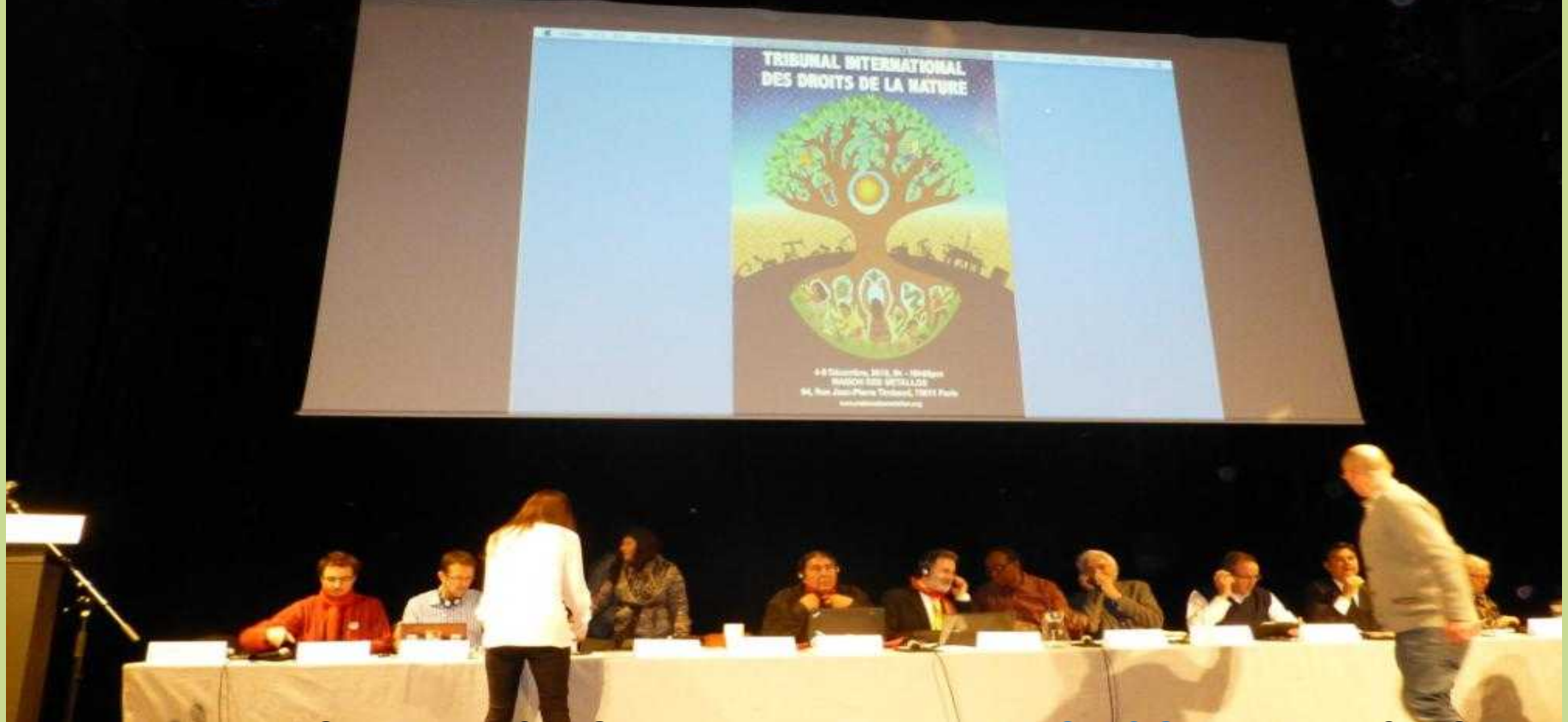


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@rapplerdotcom



Rights of Nature International Tribunal





“RATHER THAN TREATING NATURE AS PROPERTY UNDER THE LAW, **RIGHTS OF NATURE** ACKNOWLEDGES THAT NATURE IN ALL ITS LIFE FORMS HAS THE RIGHT TO EXIST, PERSIST, MAINTAIN AND REGENERATE ITS VITAL CYCLES.”

—**GLOBAL ALLIANCE FOR THE RIGHTS OF NATURE** <http://therightsofnature.org/>

Indigenous Environmental Network: <http://www.ienearth.org/>

Community Environmental Legal defense fund

Rights of nature timeline: <https://celdf.org/rights/rights-of-nature/rights-nature-timeline/>





Cacique Raoni, Kayapo Tribe, Amazon River Basin, Brazil with Christian Poirier, Amazon Watch
www.amazonwatch.org
<http://raoni.com/presentation-instituto-raoni-en.php>



Mega Dams-- Tapajos River Basin, Brazil Maria Luisa-- Munduruku tribe

<https://amazonwatch.org/news/2016/0208-munduruku-building-new-alliances-to-fight-tapajos-basin-dams-in-amazon>



Kandi Mossett - Mandan/Hidasa tribe North Dakota
Indigenous Rising
<http://indigenousrising.org/kandi-mossett/>



Casey Camp Horinek – Ponca tribe of Oklahoma

Fracking in North America

<https://www.globalhealingcenter.com/natural-health/9-shocking-facts-fracking/>



Signing of the Tribunal Convention
by delegates and indigenous leaders

Kayakivists on the Seine



The Canoe of Life

Kichwa tribe of Sarayaku, Ecuador

<https://www.youtube.com/watch?v=qzro0X4vCYU>



“art is not a mirror to reflect reality but a hammer with which to shape it...”





Louis Masai
street muralist
Metro station Paris [http://
www.louismasai.com/](http://www.louismasai.com/)





Ice Watch Paris Place du Pantheon, Paris Dec. 3rd – 12th
Olafur Eliasson
<http://icewatchparis.com/>





performance art



More performance art...



“The Paris Agreement will see the planet burn...” --- Pablo Solon former Bolivian Climate Negotiator

Out come of the COP21 agreement

- **Is not a binding agreement**
 - Doesn't hold countries accountable for not meeting the agreement conditions
- **Sets goal temperature rise at 2 degrees**
 - Doesn't protect the rights of 3rd world countries the their impacts in the coming years.
- **Time frame is too long -**
- **Business as usual**

BUT it is a starting point – it's up to the people to hold their governments accountable.

All 199 member countries had signed the agreement except Nicaragua and Saudi Arabia



RED LINE March in response to the COP
agreement --- Dec 12th



















<http://www.seattleglobalist.com/2015/12/11/seattle-activists-bring-350-salmon-paris-climate-conference-cop21/45196>

COP 23 and 24 Bonn, Germany and Katowice, Poland.

Response to US Government's withdrawal from Paris Climate Accord:

- Syria and Nicaragua signed on making US the only country not actively involved
- Delegation representing coal, nuclear and fracking industries were sent by Trump administration to derail the conference.
- “We’re Still In...”

Grassroots organizations attended the conference :

- US people's delegation- civil rights groups , indigenous and youth leaders
- US governors, mayor and business leaders



COP 24 Katowice , Poland 2018

Outcome of the agreement:

<https://www.carbonbrief.org/cop24-key-outcomes-agreed-at-the-un-climate-talks-in-katowice>



Youth Climate Action Movement

Earth Guardians

Xiuhtezcatl Roske-Martinez

15 year old musician,
activist and co-founder



Greta Thunberg – Swedish
activist- School strike for
climate



Children's Trust

21 young people from 8-19
from across the US
filed the constitutional climate
change lawsuit against the
federal government



Greta Thurnberg from
Sweden 15 year old climate
activist

<https://www.youtube.com/watch?v=VFkQSGyeCWg>



David vs Goliath

- Divestment from fossil fuel industry
 - Power of the \$
- Leap to renewable energy
 - Action equal to the gearing up of production during WW2
 - Increasing funding to research
 - We do have the technology to start this
- Price on carbon and methane emissions
 - Making corporations pay the environmental costs
- Public holding our governments accountable

What can we do?

- VOTE !!! In 2020!!!

Democracy doesn't work unless you show up

- Talk about all these issues with friends and family members—start a dialog
- Join an action – sign up with environmental organizations that can let you know when the next peaceful public action is.
- Volunteer !
- Power of \$\$\$ - vote with your purchases be an informed consumer

Isaac Cordal- tiny sculptures

<http://inhabitat.com/isaac-cordals-incredible-tiny-sculptures-offer-a-chilling-view-of-climate-change/isaac-cordal-climate-change-3/>



Robert Bateman
Antarctic Evening – Humpback Whales



Andy Goldsworthy

Touching North 2003

https://www.youtube.com/results?search_query=rivers+and+tides+-full-+andy+goldsworthy+documentary+2003



Sean Yoro - Hula



- <https://www.aol.com/article/news/2017/09/13/artist-creates-astonishing-murals-in-seemingly-inaccessible-locations/23032884/#slide=6808331#fullscreen>

Arka Dutta – photographs of climate change

- Article:
[http://
www.conflatingvisions.co
m/2017/08/arka-dutta-
street-photographer-
kolkata/](http://www.conflatingvisions.com/2017/08/arka-dutta-street-photographer-kolkata/)
- Images
[http://
yourshot.nationalgeograp
hic.com/photos/9133025/](http://yourshot.nationalgeographic.com/photos/9133025/)





Union of Concerned Photographers

- <https://wepresent.wetransfer.com/story/union-of-concerned-photographers/>



Additional resources

Earth Guardians- youth activists website and video of speech

<https://www.youtube.com/watch?v=27gtZ1oV4kw>

www.earthguardians.org



Ecowatch- internet source that you can subscribe to to receive daily up – to –date updates on environmental issues

www.ecowatch.com

Yes ! Magazine – free weekly articles of people effecting change – sign up for free email updates

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

Democracy Now! – quality, independent daily news source

www.democracynow.org

Biomimicry Institute- Science-based organization that helps organizations solve problems based on natural methods

www.biomimicryinstitute.org

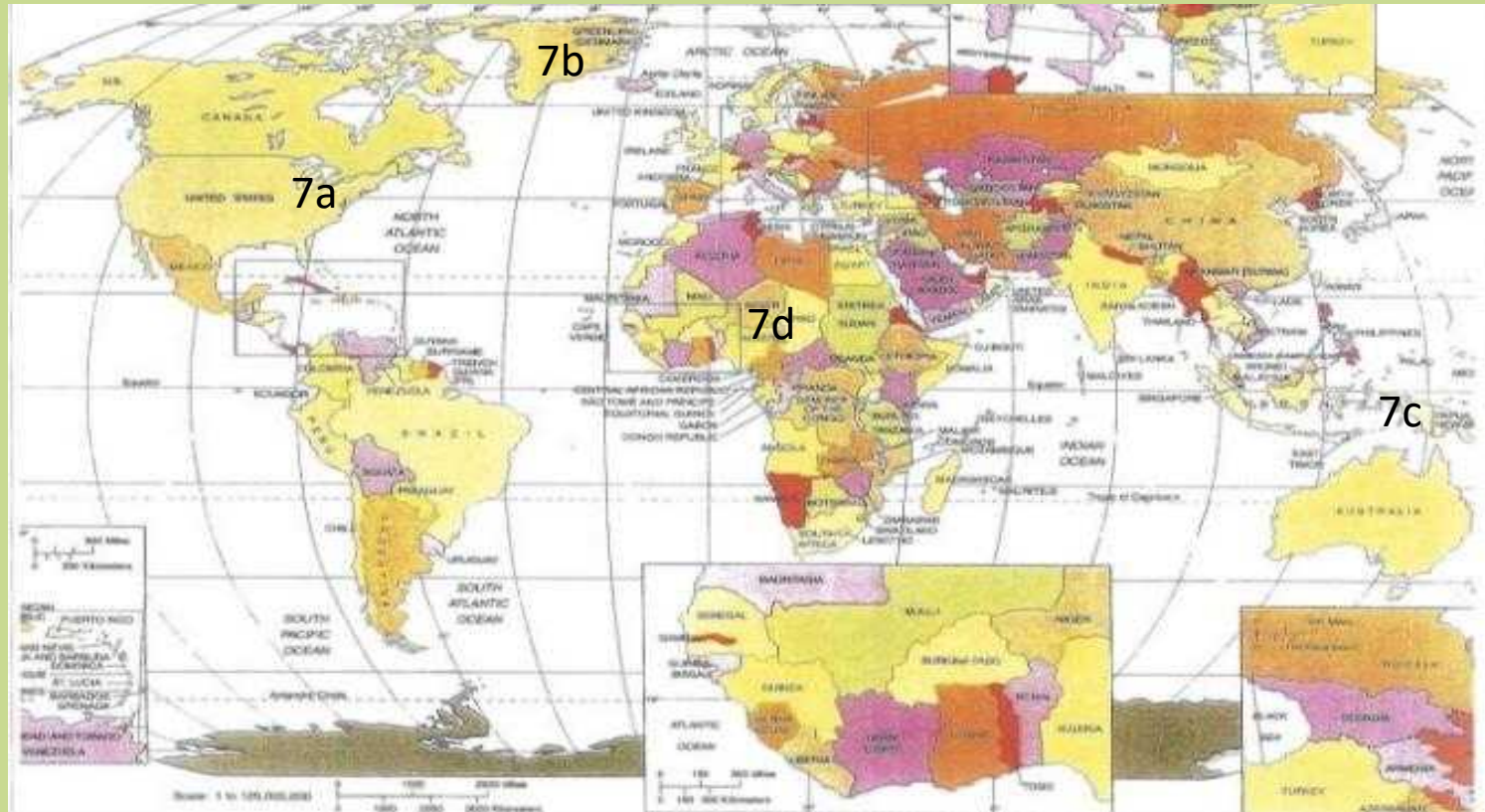
Land Institute- Wes Jackson founder sustainable farming practices

www.landinstitute.org

Regenerative Agriculture- 17 organizations promoting regenerative ag.

<https://foodtank.com/news/2018/05/organizations-feeding-healing-world-regenerative-agriculture-2/>

Unit 7: Earth Map update



7a. Cuyahoga River, Ohio catastrophe

7b. Greenland Ice sheet, Greenland

7c. Marshall Islands, sea level rise

7d. Central Africa, desertification