Moving Vulnerable Communities from “Surviving to Thriving”!!! The Power of Culture, Collaboration & Conservation In The Era of the Coronavirus....

Still Moving Toward Environmental Justice

Mustafa Santiago Ali = @EJinAction
Moving Communities from “Surviving to Thriving”!!! It’s Time To Be Heroes Again...
Moving Vulnerable Communities from “Surviving to Thriving”!!! The Power of Culture & Collaboration....
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Moving Vulnerable Communities from Surviving to Thriving...Our Voices, Our Stories, Our Power!!!
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Moving Our Communities from Surviving to Thriving...Why We Fight & Vote Today!!!
Moving Vulnerable Communities from Surviving to Thriving... What We Fight For Today!
Moving Vulnerable Communities from Surviving to Thriving... What We Fight For Today!
Moving Vulnerable Communities from Surviving to Thriving - 200,000 Die Prematurely from Air Pollution Annually in the US!
Moving Vulnerable Communities from Surviving to Thriving... Why We Fight Today!

An estimated 7 million children in the US suffer from asthma

www.epa.gov/asthma
Moving Vulnerable Communities from Surviving to Thriving...Air Impacts!

Are you at risk from air pollution?

What can breathing air pollution do to you?

- Premature death
- Asthma attack
- Heart attack, stroke
- Cardiovascular harm
- Lung cancer
- Low birth weight
- Infant mortality
- Wheezing, coughing
- Shortness of breath
- Susceptibility of infection
- Lung tissue redness, swelling

131.8 million people in U.S. live where air gets an F.
24.8 million people in U.S. live where air gets all Fs.
Moving Vulnerable Communities from Surviving to Thriving...Air Impacts in Detroit

92 schools in Wayne County are in areas where the air is unsafe to breathe.
Moving Vulnerable Communities from Surviving to Thriving...Air Impacts in Our Parks

Fresh mountain smog? 96% of national parks have hazardous air quality - study

Report finds popular parks such as Yosemite and Joshua Tree have pollution at levels that threaten visitors and wildlife.

Gabrielle Canon
Clean Air Is A Human Right-Cesar Chavez High School- Manchester Community, Houston TX
Clean Air Is A Human Right - Manchester Community, Houston TX

**HEALTH IMPACTS**

**VINYL CHLORIDE**
A known carcinogen, it can also damage the central nervous system, causing dizziness and headaches.

**HYDROGEN CYANIDE**
A deadly asphyxiant that is also used in gas chamber executions and chemical warfare.

**LEAD**
Highly toxic heavy metal that's especially dangerous to the development of children.

**MERCURY**
Extremely toxic to the nervous system, kidneys and liver, mercury can also cause brain damage and heart attacks.

**ARSENIC**
Causes major gastrointestinal damage resulting in nausea, diarrhea, and abdominal pain, and cancer.

**BENZENE**
Deadly carcinogen that causes leukemia and bone marrow failure.

**FORMALDEHYDE**
Major embalming agent that also contributes to smog, formaldehyde causes eye, nose and throat irritation, as well as cancer.

**NAPHTHALENE**
Used in mothballs, can cause cataracts, anemia, and liver damage.
Moving Vulnerable Communities from Surviving to Thriving...Air Impacts in Wilmington, CA
Air pollution now kills more Americans than Alzheimer's disease, diabetes, all vehicle accidents or all gun-related violence.
Clean Air Is A Human Right!!!!
Moving Vulnerable Communities from Surviving to Thriving... Water A Human Right!
Moving Vulnerable Communities from Surviving to Thriving... 2 million Miles of Pipeline in U.S. - Water A Human Right!

Standing Rock
Moving Vulnerable Communities from Surviving to Thriving... Pipelines in Michigan
Moving Vulnerable Communities from Surviving to Thriving - Artist Standing Up For Standing Rock!!!!

Katy Perry, Orlando Bloom, Lupita Nyong’o, Zendaya

Willow Smith
Moving Vulnerable Communities from “Surviving to Thriving”!!! The Power of Culture & Collaboration....
Moving Vulnerable Communities from Surviving to Thriving... Water A Human Right!
Moving Vulnerable Communities from Surviving to Thriving – Flint Michigan!!!

The first signs of catastrophe came in 2014, when residents of Flint, Michigan, began to complain about the water pouring from their faucets. It smelled strange, they said. It had a brownish

Flint is about an hour's drive from Detroit, with a population of approximately 97,000 people. The city has faced many financial struggles in recent years. In an effort to cut costs, the city changed
Moving Vulnerable Communities from Surviving to Thriving – Flint Michigan – Little Miss Flint & Jaden Smith holding it down!!!
Moving Vulnerable Communities from Surviving to Thriving – Artist For Flint!!!
Moving Vulnerable Communities from Surviving to Thriving - 10,000 tons of plastic entering the lakes each year
Moving Vulnerable Communities from Surviving to Thriving... Water A Human Right!

1/3 of Americans won't be able to afford their water bill in 5 years.
Moving Vulnerable Communities from Surviving to Thriving... Water A Human Right!
People In Detroit Have Seen Their Water Bills Increase by 65% Resulting In Families Paying $1,200 A Year In Water Bills...
Moving Vulnerable Communities from Surviving to Thriving!!! Water is Life...
Moving Vulnerable Communities from Surviving to Thriving – Plastic Pollution Impacts... 35 billion plastic bottles thrown away every year....

**Plastic pollution by numbers**

- Thrown away: 35 billion plastic water bottles a year in the US
- Approximately 500 billion plastic bags used annually worldwide
- Over 40 percent of plastic usage is in packaging
- Plastics are estimated to account for 8 percent of world’s oil production
- Over 250 species known to have ingested or become tangled in plastic
- A 2002 UN study estimated $7 trillion a year of economic risk from plastic pollution

Source: Plastic Oceans
Moving Vulnerable Communities from Surviving to Thriving – Plastic Pollution Impacts...

300-400 MILLION TONS OF POLLUTED WASTE DISCHARGED INTO OCEANS ANNUALLY

MORE PLASTIC THAN FISH BY 2050.
Moving Vulnerable Communities from Surviving to Thriving!!! Water is Life...
Moving Vulnerable Communities from Surviving to Thriving – Plastic Pollution Art
Test results from 2017 and 2018 show that some form of the PFAS has been found at some level in the municipal drinking water serving more than 2 million people around the state of Michigan.
Moving Vulnerable Communities from Surviving to Thriving - Farm runoff provides fertilizer that turbocharges algae growth in the western Lake Erie basin.
Moving Vulnerable Communities from Surviving to Thriving...Clean Water For All Campaign
Moving Vulnerable Communities from Surviving to Thriving – Fracking Impacts – Poor Families Forced To Drink Contaminated Water...
Moving Vulnerable Communities from Surviving to Thriving – Fracking Impacts - 72 Trillion Gallons Of Water!!!

THE CURRENT GAS OR “FRACKING WELLS” IN AMERICA REQUIRE 72 TRILLION GALLONS OF WATER AND 360 BILLION GALLONS OF CHEMICALS.

THIS IS A THREAT OF UNFORESEEN PROPORTIONS TO OUR DRINKING WATER SUPPLIES.
Moving Vulnerable Communities from Surviving to Thriving – Fracking Impacts in Michigan....
Moving Vulnerable Communities from Surviving to Thriving... Water Is Life – What The “Frack” are we doing???
Moving Vulnerable Communities from Surviving to Thriving!!! Climate Change – Frontline Communities hit First and Worst!!!

Hurricane Irma

Hurricane Irma - Daytona
Moving Vulnerable Communities from Surviving to Thriving!!! Virgin Islands “The Forgotten Ones”
Moving Vulnerable Communities from Surviving to Thriving!!! Hurricane Harvey...”Beyonce” Giving Back and Stepping Up!!!
Moving Vulnerable Communities from Surviving to Thriving!!! Puerto Rico
3000 people did not die in the two hurricanes that hit Puerto Rico. When I left the Island, AFTER the storm had hit, they had anywhere from 6 to 18 deaths. As time went by it did not go up by much. Then, a long time later, they started to report really large numbers, like 3000...
Moving Vulnerable Communities from “Surviving to Thriving”!!! The Power of Culture & Collaboration....

Fat Joe  
Daddy Yankee
Moving Vulnerable Communities from Surviving to Thriving!!! Flooding in Currier Street in Dearborn Heights....
Moving Vulnerable Communities from Surviving to Thriving!!! Flooding in Florida.....

40% of Florida property will be highly exposed to Flooding due to sea level rise.

Disproportionately communities of color & low-income communities are impacted by climate change (i.e. being able to escape & return)
Moving Vulnerable Communities from Surviving to Thriving!!! Farmworkers Left In Fields As Wildfires Burn Everything In Site...
Moving Vulnerable Communities from Surviving to Thriving!!! Climate Change – Cost Americans Over $300 Billion in 2017
Moving Vulnerable Communities from Surviving to Thriving...Together We Can Make A Change!!!
Moving Vulnerable Communities from Surviving to Thriving...Revitalizing Vulnerable Communities
Moving Vulnerable Communities from Surviving to Thriving – Clean Economy
Moving Vulnerable Communities from Surviving to Thriving: Job Creation – Green Infrastructure...
Moving Vulnerable Communities from Surviving to Thriving: Job Creation

2050

100% UNITED STATES

Transition to 100% wind, water, and solar (WWS) for all purposes (electricity, transportation, heating/cooling, industry)

- Residential rooftop solar: 8%
- Solar plant: 25%
- Concentrated solar plant: 7.3%
- Onshore wind: 30.9%
- Offshore wind: 17.5%
- Commercial/govt rooftop solar: 7.4%
- Wave energy: 0.4%
- Geothermal energy: 0.5%
- Hydroelectric: 3%
- Tidal turbine: 0%

40-Year Jobs Created
Number of jobs where a person is employed for 40 consecutive years

- Operation jobs: 2,815,850
- Construction jobs: 2,285,816
Moving Vulnerable Communities from Surviving to Thriving: Job Creation

SOLAR JOBS BY STATE, 2017
Jobs Are Up in 29 States—Mainly States With Emerging Solar Markets

[Image of a map showing job growth by state in 2017, with states color-coded to indicate job growth.]
Moving Vulnerable Communities from Surviving to Thriving: Advance Manufacturing – Wind Turbines
What If We Don’t Act? Who Will Fill The Economic Opportunity Space...

JANUARY 2017: CHINA ANNOUNCES RENEWABLE ENERGY INVESTMENT

$360 billion investment in renewables by 2020

13 million jobs by 2020

Photo: Flickr/Marlijn van Gameren
Moving Vulnerable Communities from Surviving to Thriving...ReGenesis, Inc. 20K to $300 Million in Changes!

Rebuilding America’s Neighborhoods: ReGenesis
Moving Vulnerable Communities from Surviving to Thriving!!! Community Driven Revitalization! 500 New Green Homes!!!
Moving Vulnerable Communities from Surviving to Thriving... ReGenesis – 5 New Health Centers
Moving Vulnerable Communities from Surviving to Thriving!!! Community Driven Revitalization! New Green Community Center!!!

ReGenesis Health Care Center

ReGenesis - Green Community Center
Moving Vulnerable Communities from “Surviving to Thriving”!!!
The Power of Culture & Collaboration.... New ReGenesis - 35 Acre Solar Farm!!!
National Planning Excellence Award for Advancing Diversity and Social Change – ReGenesis Inc.
Moving Vulnerable Communities from Surviving to Thriving...ReGenesis- "STEM" School
Moving Vulnerable Communities from Surviving to Thriving...ReGenesis-STEM School
Moving Vulnerable Communities from Surviving to Thriving: Green Door Initiative & Detroiters Working For Environmental Justice....
Moving Vulnerable Communities from Surviving to Thriving... **Tools to Win on A Clean Economy!!!**
Moving Vulnerable Communities from Surviving to Thriving... **Tools to Win on EJ & Climate - Science March!!!**
Moving Vulnerable Communities from Surviving to Thriving... Tools to Win on EJ & Climate – Diversity!
Moving Vulnerable Communities from Surviving to Thriving... **Tools to Win on EJ & Climate**

**Green New Deal – Sunrise Movement – Students Leading !!!**

**This Is Zero Hour – Students Leading!!!**
Moving Vulnerable Communities from Surviving to Thriving... Tools to Win – Black Lives Matter March!!!
Moving Vulnerable Communities from Surviving to Thriving Tools To Win on Climate - #Think100 Show
Moving Vulnerable Communities from Surviving to Thriving Tools To Win on Climate - #Think100 Show
Moving Vulnerable Communities from Surviving to Thriving... Tools To Win - EJ Act of 2017
Moving Vulnerable Communities from Surviving to Thriving... Tools To Win

California - New Environmental Justice Bureau!
Moving Vulnerable Communities From Surviving To Thriving - D.C. (AKA Chocolate City) Makes Moves Towards Going 100% Renewable Energy By 2030!!!
Moving Vulnerable Communities from Surviving to Thriving....Tools To Win!

2018 VA Environmental Justice Advisory Council.

2018 NC Environmental Justice & Equity Board.
Moving Vulnerable Communities from Surviving to Thriving... Tools To Win!!! $8 Trillion Dollars in Assets Has Been Divested From Fossil Fuels...
Hip Hop Caucus “Divest/Invest Campaign”

What the world needs now is DivestInvest Culture

We are actors, musicians, and artists moving our money from the past to the future.

-ADRIAN GRENIER
ACTOR AND SOCIAL GOOD ADVOCATE
Hip Hop Caucus “Revitalizing Vulnerable Communities”
Moving Vulnerable Communities from “Surviving to Thriving”!!! The Power of Culture & Collaboration....
Moving Vulnerable Communities from Surviving to Thriving... This Is Why We Fight, Work & Strategize – Our Right To Enjoy Natural Spaces!!!
Moving Vulnerable Communities from Surviving to Thriving... This Is Why We Fight, Work & Strategize -- "Our Next Generation"
Environmental Justice On The Steps Of The White House...You have Power!!!
We Have The Power To Create A Clean, Green & Inclusive Economy !!!!

The most common way people give up their power is by thinking they don’t have any.

- Alice Walker

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