



Igniting the Flame of True Christian Stewardship



**“For everyone to whom much is given, from him much will be required.”
Luke 12:48**

Bill Marianes

www.stewardshipcalling.com

Bill@stewardshipcalling.com



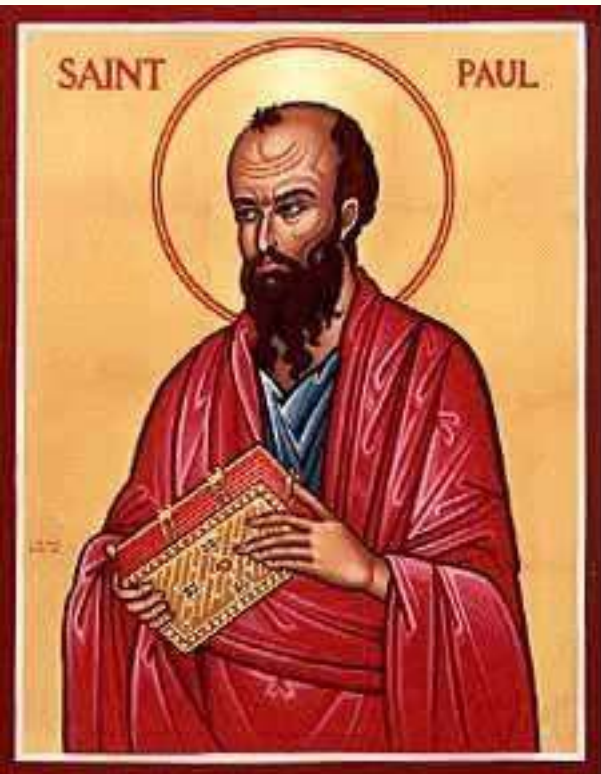


WHY Are You Here ?





You Have Been Called



“...I beg you to lead a life worthy of the calling to which you have been called...”

Ephesians 4:1



**“That the end of
our lives may be
Christian,
without pain,
blameless and
peaceful,
and for a
GOOD ACCOUNT
BEFORE THE
AWESOME
JUDGMENT
SEAT OF
CHRIST”**



Metropolitan Tikhon



Of What Life Do We Speak?

**Four Pillars for the
Fulfillment of the
Apostolic Work of
the Church**

~Pillar 2: Stewardship





Metropolitan Tikhon



Of What Life Do We Speak?

Stewardship of the 3 P's

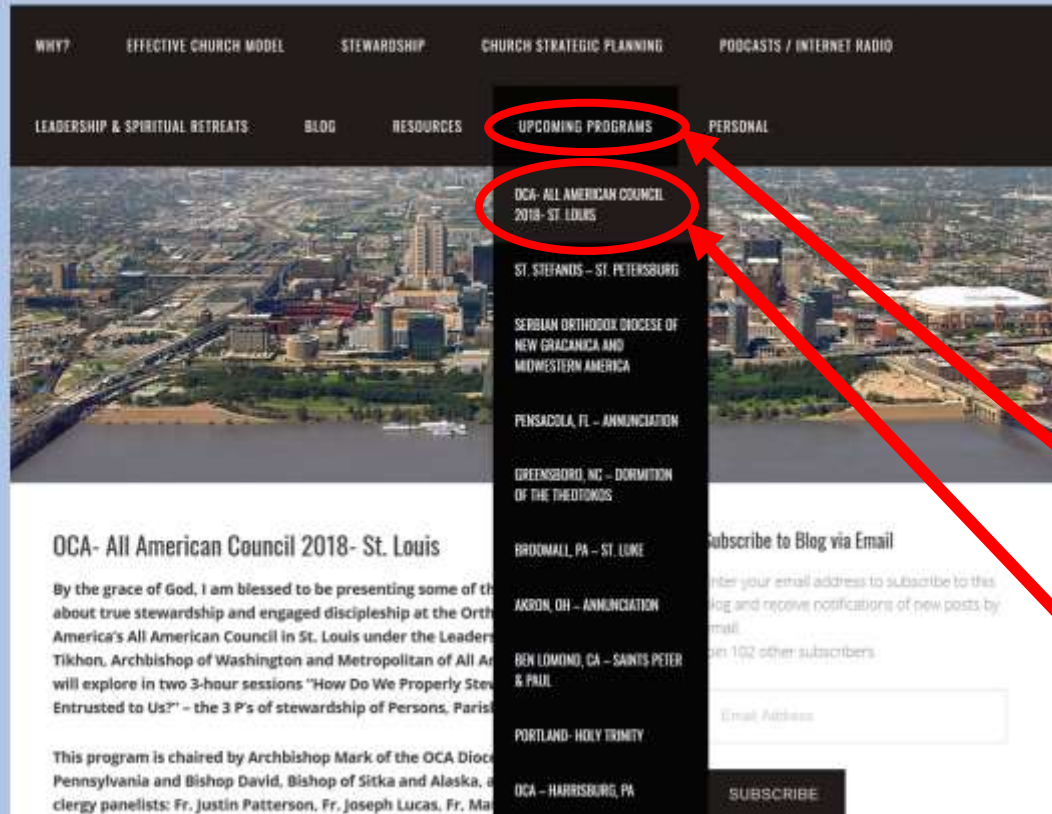
- ~ Persons**
- ~ Parishes**
- ~ Planet**



Your Always Free Parish Resource

Stewardship Calling

What are you doing with all of the gifts God has given you?



www.stewardshipcalling.com

The entire presentation from the OCA- All American Council 2018 - St. Louis can be downloaded under the Upcoming Programs tab and page at: <http://stewardshipcalling.com/oca-american-council-2018-st-louis/>

Send questions to: Bill@stewardshipcalling.com



Metropolitan Tikhon



*Of What Life
Do We Speak?*



Stewardship of the 3 P's

- ~ **Persons**
- ~ **Parishes**
- ~ **Planet**



Personal Confession / Disclaimer

- ~ I am NOT an environmentalist
- ~ I do NOT live in a house made of recycled plastics or tires
- ~ I have NEVER protested or lobbied for stricter environmental regulations nor tied myself to a tree
- ~ I do NOT grow my own foods or have an organic rutabaga garden
- ~ I HAVE represented major international corporations and businesses as a lawyer
- ~ I am ADDICTED to coffee and love red meat (usually of the cow variety)
- ~ I HAVE BECOME in awe of God's creation and now know what we are doing to it
- ~ I am NOT Chicken Little



What Does GOD Think Is “Good?”



Genesis 1:10 And God called the dry land Earth; and the gathering together of the waters called the Seas: and **God saw that it was good.**

Genesis 1:12 And the Earth brought forth grass, and herb yielding seed after his kind, and the tree yielding fruit, whose seed was in itself, after his kind: and **God saw that it was good.**

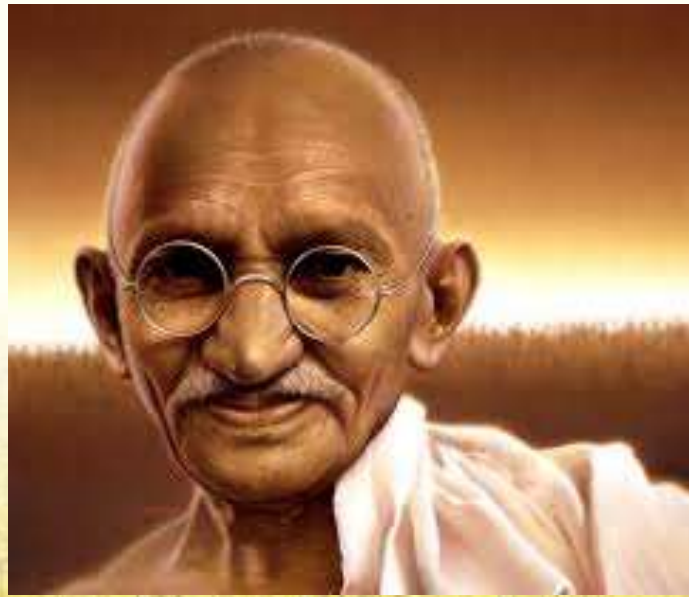


The Thoughts of a Country's Founder (and a Research Scientist)



“The world has enough for everyone’s need, but not enough for everyone’s greed.”

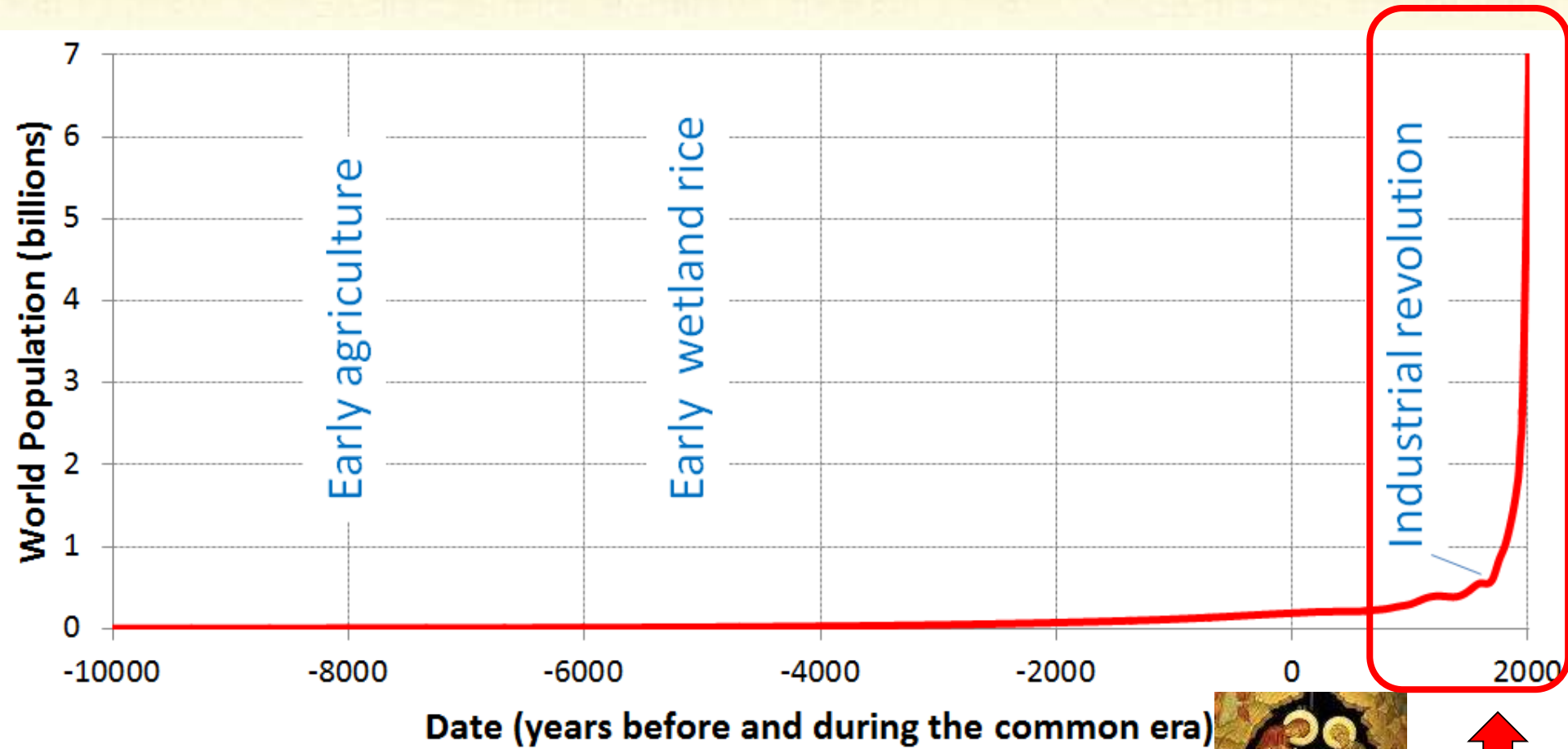
Mahatma Gandhi



Dr. Alexis Marianes



Population Change on Planet Earth





Stewardship of the Planet



- ~ “8 Million tons of plastic enters the ocean each year, which kills hundreds of thousands of seabirds, fish and whales.
- ~ Every year we are losing 10 Billion trees (for timber and agriculture) that absorb much of the carbon pollution we put in the atmosphere.”



Stewardship of the Planet



- ~ “Agricultural runoff from along the Mississippi River has led to a massive dead zone in the Gulf of Mexico, an area where there is too little oxygen to harbor marine life.”
- ~ “There are ≈ 500 dead zones in the world’s oceans, caused by a slew of pollutants... The one thing they have in common is they’re caused by humans.”

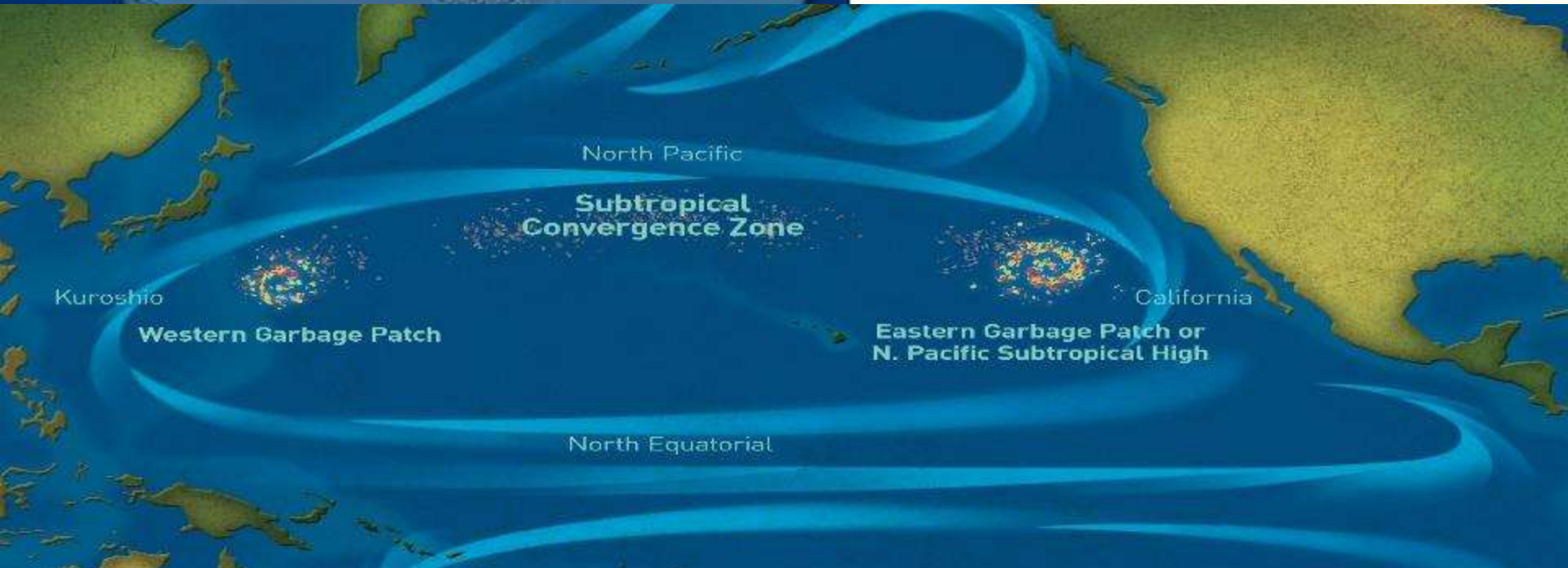
Enric Sala, a National Geographic explorer-in-residence and founder of the [Pristine Seas Project](#), who presented at the Nat Geo Earth Optimism Summit 2017



Stewardship of the Planet



The Great Pacific Garbage Patch



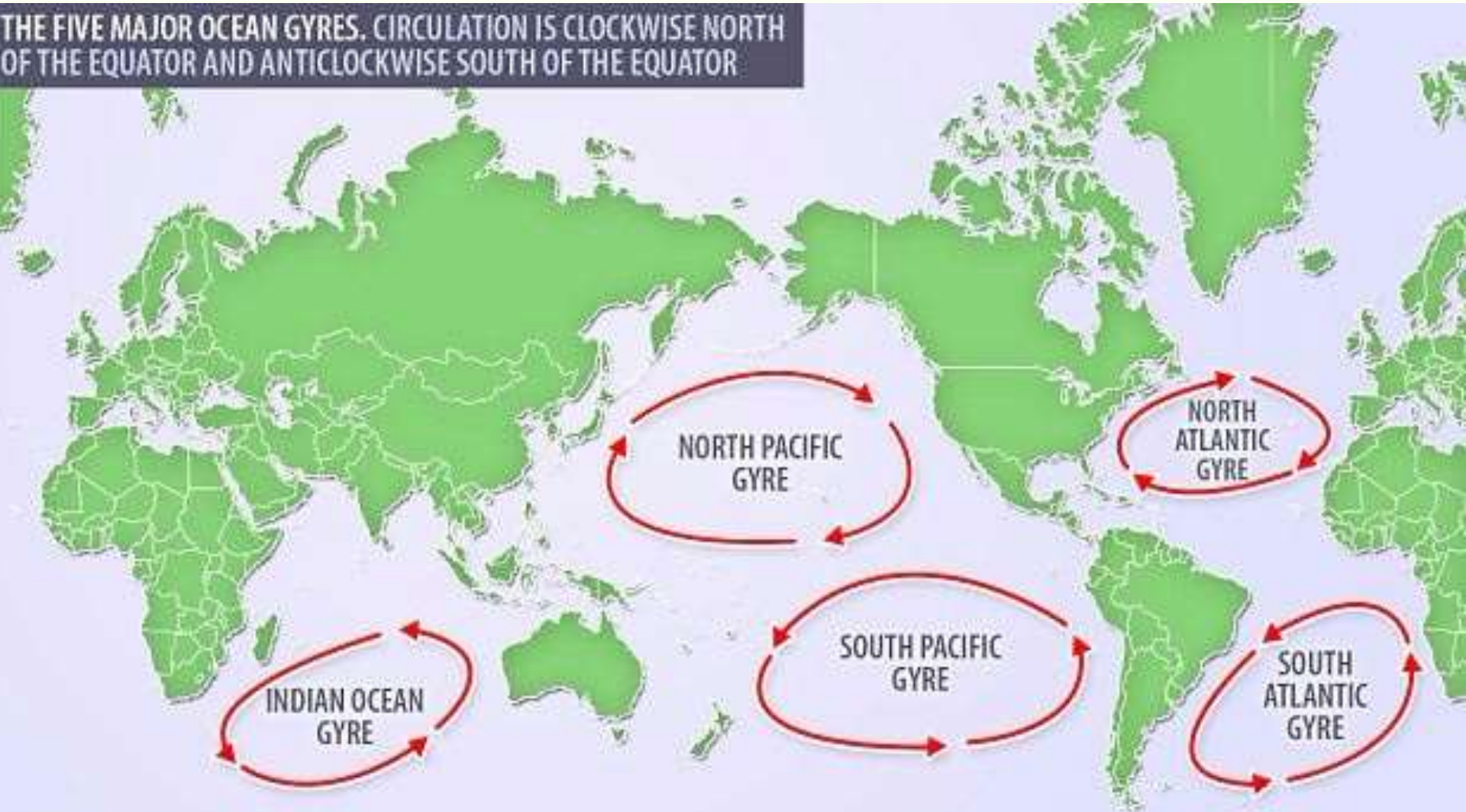


There Are Actually 5 Ocean Garbage Patches

(gyres = a spiral or vortex)



THE FIVE MAJOR OCEAN GYRES. CIRCULATION IS CLOCKWISE NORTH OF THE EQUATOR AND ANTICLOCKWISE SOUTH OF THE EQUATOR





The Great Garbage Patches





The Great Garbage Patches





The Great Garbage Patches





Stewardship of the Planet



- ~ “We use 2 Million plastic beverage bottles in the U.S. every 5 minutes.”
- ~” Plastics are hard to recycle. Less than 5% of all plastics are recovered in our waste stream... The percentage (of plastics) we recycle is ‘diddly point squat’. ”
- ~ “ Half of each year’s 100 Billion pounds of thermal plastic pellets will be made into ‘fast track trash’ ...a large portion of which float down rivers to the sea.”



Stewardship of the Planet



~ “Over a third of the most common fish in the deep ocean... had polluted plastic fragments in their stomachs.”

“You can buy certified organic produce. But no fishmonger on earth can sell you a certified organic wild-caught fish.”



Stewardship of the Planet



- ~ Ocean Conservancy says plastics are believed to threaten at least 600 different wildlife species
- ~ Two Belgian researchers concluded in 2014 that the average European seafood consumer could be eating 11,000 microplastics every year (YUM!)
- ~ 1 in 3 leatherback turtles have been found with plastics in their bellies because they mistake plastic bags for edible jellyfish

The Oceans Are Drowning In Plastic — And No One's Paying Attention
By Dominique Mosbergen - https://www.huffingtonpost.com/entry/plastic-waste-oceans_us_58fed37be4b0c46f0781d426



Use Reusable Grocery Bags



YOU SEE THE DIFFERENCE.
A TURTLE DOES NOT.



MEDASSET
Mediterranean Association
to Save the Sea Turtles



Use Reusable Grocery Bags



Reusables are stronger

Reusables last longer

Reusables are more stylish

Reusables save turtles

You should like turtles...



You Should Like Turtles



STRAW WARS





Straw Wars

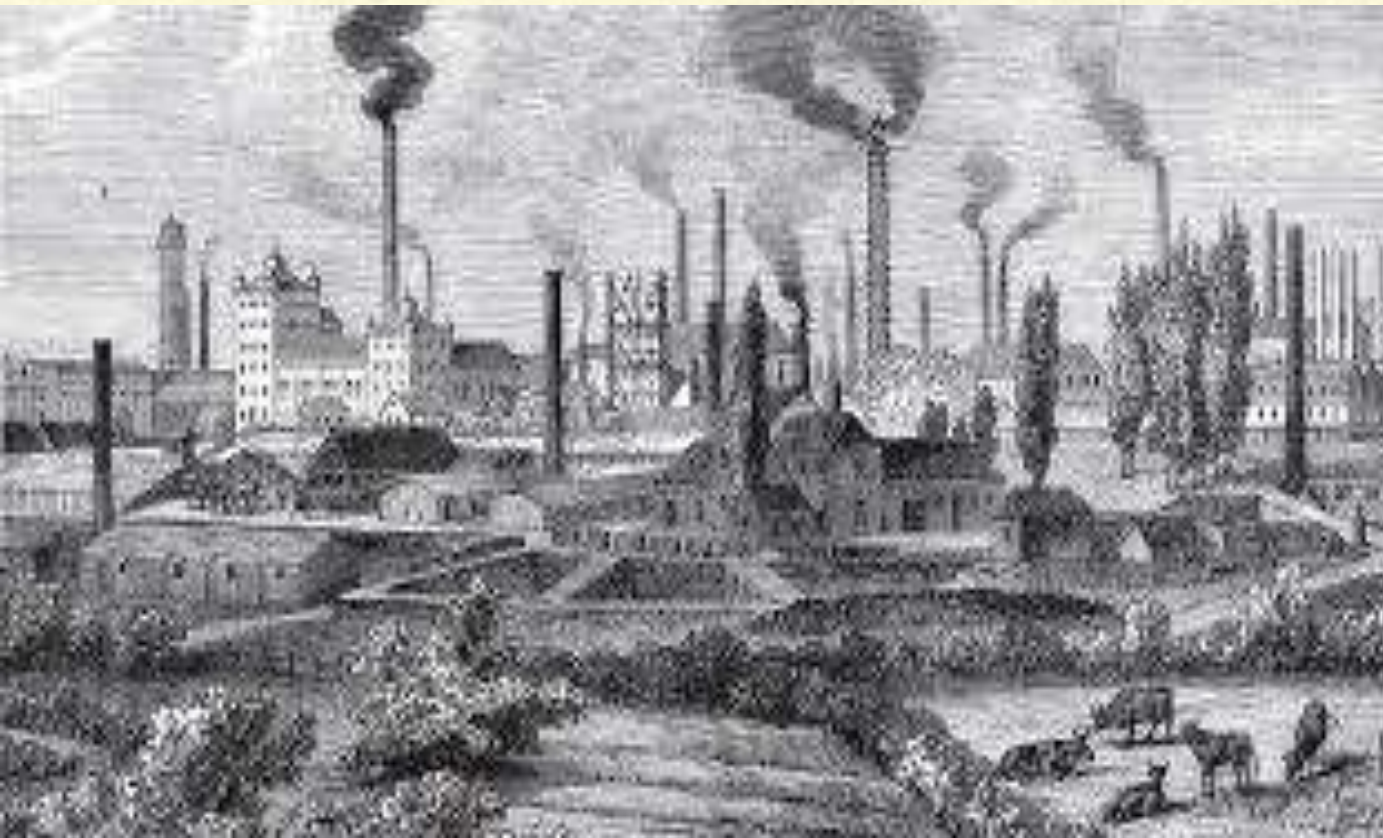


- ~ Americans use 500 million straws per day
- ~ Of the 8 Million tons of plastic trash that flow every year into the world's oceans, the size of straws makes them one of the most insidious polluters because they entangle marine animals and are consumed by fish
- ~ It takes a plastic straw up to 200 years to decompose

Straw Wars: The Fight to Rid the Oceans of Discarded Plastic – National Geographic
February 23, 2018 - <https://news.nationalgeographic.com/2017/04/plastic-straws-ocean-trash-environment/>



Rapid Increase In Burning Fossil Fuels Increases Global CO₂ Levels

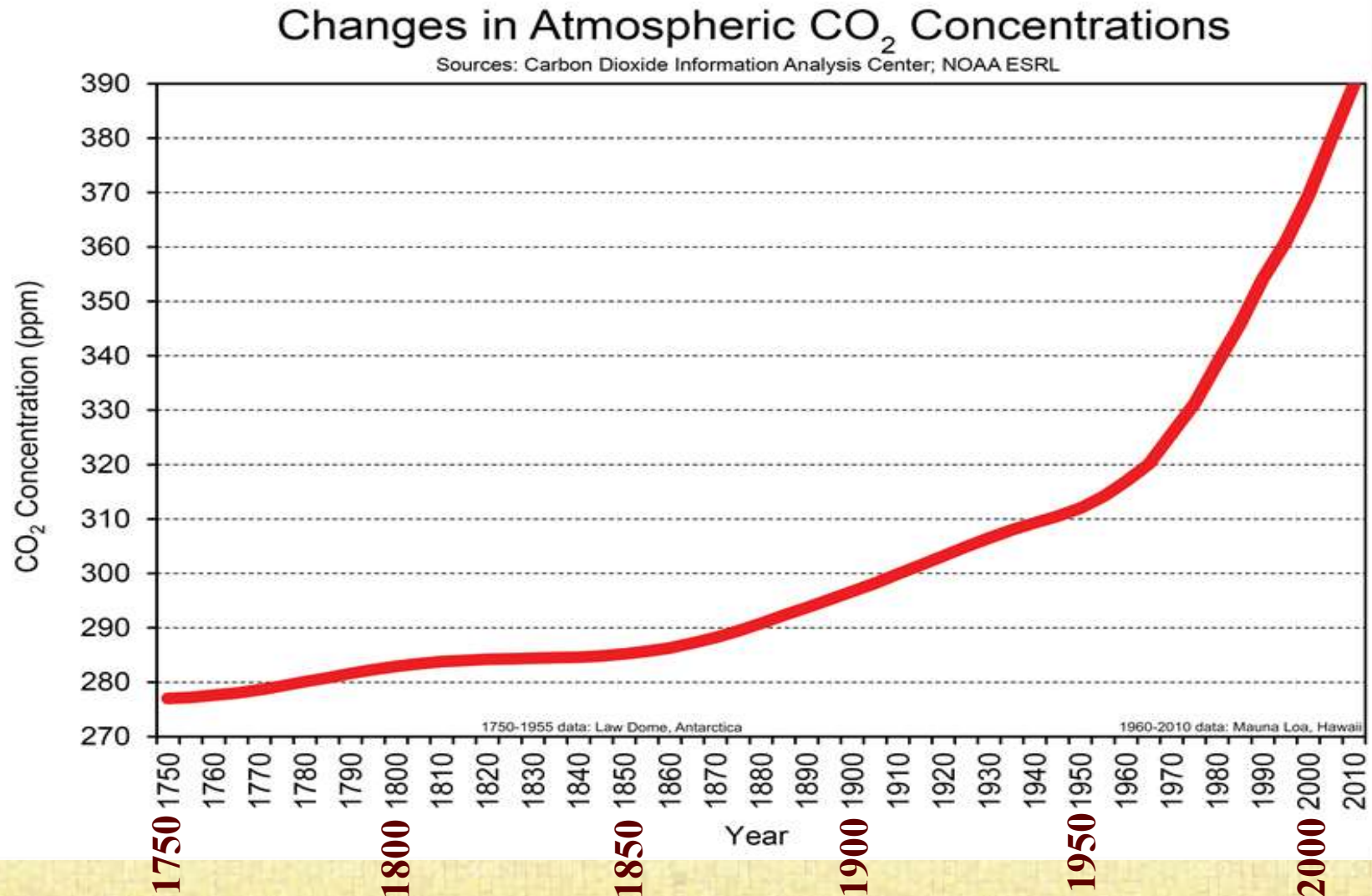


← **Factories**

← **Cows**

We'll get back to how changing your relationship with cows can reduce your carbon footprint

Rapid Increase In Burning Fossil Fuels Increases Global CO₂ Levels





The Industrial Revolution Changed Natural Selection



Preindustrial revolution: trees had white flakey bark

Result: Black moths are readily seen and eaten by birds and Moth populations shift to become predominantly white



Post industrial revolution: White flakey bark is covered in soot and looks black

Result: White moths are readily seen and eaten by birds and moth populations shift to being predominantly black



Rising Average Temperatures Promote Fungal Infections



- ~ **Scientists estimate there are 1.5 Million species of fungi on earth**
- ~ **Some fungi are pathogens, causing disease in plants and animals, including humans**
- ~ **Invasive fungal infections kill about 1.5 Million people worldwide every year**
- ~ **As the world warms, the temperate range is increasing and fungi are keeping pace**

See research of Robin May, a microbiologist at the University of Birmingham in the UK, as quoted in: ***Fungal diseases are on the rise. Is environmental change to blame?*** – Lindsey Konkel <https://ensia.com/features/19036/>; and ***Global Warming Will Bring New Fungal Diseases for Mammals*** [Monica A. Garcia-Solache](#), [Arturo Casadevall](#) - <http://mbio.asm.org/content/1/1/e00061-10.full>

Bats Matter!





Bats Matter!



- ~ Bats represent 20% of the mammal population on earth
- ~ Over 500 plant species rely on bats to pollinate, (including mango, banana, cocoa (chocolate), agave (used in tequila))
- ~ Bats that are insectivores (eat only insects) consume 8,000 bugs per night and are great for keeping bugs away from crops
- ~ If insect populations exploded due to loss of bats, the 2016 estimated monetary damage to crops for the over 378 million acres of global farmlands could cost close to \$273 Billion



White Fungus Destroying Bat Colonies



~ In 2012, the U.S. Fish and Wildlife service, estimated that 6.7 Million bats died of white nose syndrome (due to fungus)



It has since infected over 10 species with 70-100% mortality, causing 2 species to become “endangered” and 1 to become “threatened”

Frick, W. F. et al. An emerging disease causes regional population collapse of a common North American bat species. *Science* **329**, 679–682 (2010) -

<https://www.whitenosesyndrome.org/static-page/bats-affected-by-wns>



Rising Average Temperatures Promote Fungal Infections



**~ Today we battle
bacteria**



**~ Tomorrow we will battle more
aggressive fungus that thrives
due to warmer temperatures**



**~ Anyone who's had athlete's foot or a yeast
infection knows the difficulty of treatment
in a warm, moist environment/climate**

**~ No one wants to end up like the frogs and
bats covered in white flakey crust that
deprives mammals of the ability to breathe
and thrive**



Anthropogenic Climate Change



- ~ CO₂ is still the dominant green house gas in our atmosphere
- ~ “greenhouse gases produced by cattle, sheep, and pigs are a significant contributor to global warming”
- ~ Approximately 1.5 billion cows on the planet, each one expels upwards of 30 to 50 gallons of methane each day
- ~ Methane is 30 times more efficient at trapping the sun’s radiative heat than carbon dioxide
- ~ Raising beef uses 10 times more resources than poultry, eggs or pork



Anthropogenic Climate Change



- ~ Diet is the single biggest choice people make that could affect climate change the most
- ~ Fasting is not only good for you spiritually and health-wise, but it's also good for the planet
- ~ As it turns out, the



cows are right:



REQUESTS

Today's Ask

REQUESTS

1. Recycle
2. Stop using straws (especially plastic ones)
3. Replace plastic shopping bags with a re-useable cloth bag
4. Fast from meat once more per week
5. Bring Tupperware for your restaurant leftovers rather than Styrofoam packaging



10 New Things To Recycle



1. VHS cassettes
2. Packing Peanuts (FedEx and packaging stores will gladly take them from you)
3. Sneakers: = more than 1.5 million collected for recycling each year (Nike “Reuse-a-shoe”)
4. Inhalers: 46 million people throw away their inhalers every year (GlaxoSmithKline “Complete The Cycle” campaign collects them for upcycling as plastics and aluminum)
5. BRITA water filters (polypropylene is usually not accepted) but Whole Foods and Preserve Products will accept your #5 plastics
6. Pantyhose: No Nonsense company recycles pantyhose into park benches, playground equipment, carpets, ropes and toys



10 New Things To Recycle



7. Cosmetic packaging: cosmetic companies care. Origins, Lush and other cosmetic companies accept their old packaging for recycling - Mac will even give you a free lipstick if you return the packaging from 6 of their lipsticks
8. Mattresses: mattress recyclers use old mattresses to make fiber for scrap metal, wood chips, clothing and foam products
9. Apple products: Apple will take back any Apple product for recycling (even giving gift cards throughout the program's history)
10. Juice pouches: (aluminum-plastic fusions like Capri Sun) Terra Cycle will donate 2 cents for each drink pouch for the pouches themselves to be turned into purses and pencil pouches



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