HOW TO SAVE THE WORLD FOR FREE ENDNOTES

THE SEVEN THINGS WE NEED TO SAVE

INTRODUCTION

I https://www.theguardian.com/environment/2017/jun/28/a-million-a-minute-worlds-plastic-bottle-binge-as-dangerous-as-climate-change

OCEANS AND SEAS

- I https://www.cnbc.com/2017/07/19/the-world-has-made-more-than-9-billion-tons-of-plastic-says-new-study.html
- 2 http://www.eunomia.co.uk/marine-plastics-we-should-fight-them-on-the-beaches/
- 3 https://www.nationalgeographic.com/ environment/2018/10/microplastics-found-90-percenttable-salt-sea-salt/
- 4 https://en.wikipedia.org/wiki/Overfishing
- 5 https://www.greenpeace.org/archive-international/en/campaigns/oceans/fit-for-the-future/overfishing/
- 6 https://www.nationalgeographic.com/environment/oceans/critical-issues-ocean-acidification/

FORESTS

- 7 https://www.conserve-energy-future.com/Importance-layers-and-types-of-rainforests.php
- 8 https://www.independent.co.uk/news/people/100-uncontacted-tribes-amazon-rainforest-peru-indonesia-jarawa-a8245651.html
- 9 https://www.telegraph.co.uk/news/earth/earthnews/8708979/Worlds-forests-absorb-almost-40-percent-of-man-made-CO2.html
- 10 https://theconversation.com/trees-are-much-better-at-creating-clouds-and-cooling-the-climate-than-we-thought-66713
- 11 https://rainforestfoundation.org/commonly-asked-questions-and-facts/
- 12 https://en.wikipedia.org/wiki/Deforestation_in_Africa
- 13 https://www.theguardian.com/environment/2017/sep/28/alarm-as-study-reveals-worlds-tropical-forests-are-huge-carbon-emission-source
- 14 https://psmag.com/environment/tropical-deforestation-leads-to-more-carbon-emissions
- 15 http://www.asianews.it/index.php?l=en&art=5728

THE ATMOSPHERE

16 https://www.theguardian.com/environment/2018/oct/08/global-warming-must-not-exceed-15c-warns-landmark-un-report

- 17 https://www.theguardian.com/environment/2016/mar/28/arctic-sea-ice-record-low-winter
- 18 https://e360.yale.edu/features/how-the-world-passed-a-carbon-threshold-400ppm-and-why-it-matters
- 19 https://uk.reuters.com/article/us-pollution-cancer/air-pollution-tied-to-lung-cancer-in-non-smokers-idUKTRE79R6AY20111028
- 20 https://www.smithsonianmag.com/science-nature/the-ozone-problem-is-back-and-worse-than-ever-136717745/#cBftkggkdrVHjsHO.99

RIVERS AND ICE

- 21 http://unesdoc.unesco.org/ images/0022/002257/225741E.pdf Executive Summary, page 2
- 22 http://www.fao.org/nr/water/aquastat/water_use/index.stm
- 23 http://www.wasatchwater.org/u-s-water-footprint-2000-gallons-per-person-every-day/
- 24 https://www.theguardian.com/environment/2008/aug/20/water.food1
- 25 https://www.peta.org/blog/5-ways-can-save-water-planet-world-water-day/
- 26 https://www.americanrivers.org/threats-solutions/cleanwater/sewage-pollution/
- 27 https://www.gangaaction.org/actions/issues/sewage-

waste-management/

28 https://www.theguardian.com/environment/2018/ jan/04/oceans-suffocating-dead-zones-oxygen-starved 29 https://www.theguardian.com/environment/2018/ jun/13/antarctic-ice-melting-faster-than-ever-studies-show 30 https://www.independent.co.uk/environment/ gulf-stream-is-slowing-down-faster-than-ever-scientistssay-10128700.html

SOIL

- 31 http://www.fao.org/soils-2015/news/news-detail/en/c/277682/
- 32 https://www.scientificamerican.com/article/only-60-years-of-farming-left-if-soil-degradation-continues/
- 33 https://www.independent.co.uk/environment/mcdonalds-beef-burgers-amazon-rainforest-deforestation-cargill-bunge-a7741541.html
- 34 https://sustainablefoodtrust.org/key-issues/soil-3/
- 35 https://www.newstarget.com/2016-07-21-worlds-soil-quality-in-horrible-decline-food-shortages-to-come.html 36 https://www.sciencedaily.com/

releases/2018/02/180205125728.htm

PLANTS AND ANIMALS

37 https://www.nsf.gov/news/news_summ.jsp?cntn_id=138446

- 38 http://www.bbc.com/future/story/20140502-what-if-bees-went-extinct
- 39 https://www.theguardian.com/environment/2014/
- sep/29/earth-lost-50-wildlife-in-40-years-wwf
- 40 https://www.theguardian.com/environment/2018/may/21/human-race-just-001-of-all-life-but-has-destroyed-over-80-of-wild-mammals-study
- 41 https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0185809
- 42 https://seaotters.com/2012/09/thanks-to-sea-otters-kelp-forests-absorb-vast-amounts-of-co2/

US

- 43 http://www.un.org/en/development/desa/news/population/2015-report.html
- 44 https://www.livescience.com/16493-people-planet-earth-support.html
- 45 https://www.theguardian.com/environment/ng-interactive/2015/aug/12/produced-but-never-eaten-a-visual-guide-to-food-waste
- 46 https://worldview.stratfor.com/article/fertility-rates-keep-dropping-and-it-s-going-hit-economy-hard
- 47 https://www.independent.co.uk/news/education/education-news/educate-girls-to-stop-population-
- soaring-1050580.html
- 48 http://www.bbc.com/earth/story/20160311-how-many-

CHAPTER 1 SAVE THE WORLD WHEN YOU...EAT

- 1 https://ourworld.unu.edu/en/uncovering-the-carbonfootprint-of-everything
- 2 https://www.ipcc.ch/2018/10/08/summary-for-policymakers-of-ipcc-special-report-on-global-warming-of-1-5c-approved-by-governments/
- 3 https://www.independent.co.uk/environment/meat-dairy-industry-greenhouse-gas-emissions-fossil-fuels-oil-pollution-iatp-grain-a8451871.html
- 4 https://www.peta.org/issues/animals-used-for-food/global-warming/
- 5 https://www.theguardian.com/environment/2014/jul/21/giving-up-beef-reduce-carbon-footprint-more-than-cars 6 https://www.reportbuyer.com/product/4959853/top-trends-in-prepared-foods-2017-exploring-trends-in-meat-fish-and-seafood-pasta-noodles-and-rice-prepared-meals-savory-deli-food-soup-and-meat-substitutes.html
 7 https://www.nytimes.com/2017/05/15/well/eat/red-meat-increases-risk-of-dying-from-8-diseases.html
 8 https://advocacy.consumerreports.org/press_release/the-overuse-of-antibiotics-in-food-animals-threatens-public-

health-2/

9 https://www.soilassociation.org/organic-living/whyorganic/reduce-your-exposure-to-pesticides/

10 https://www.soilassociation.org/organic-living/

whyorganic/its-nutritionally-different/

11 and 12 https://www.soilassociation.org/organic-living/whyorganic/better-for-the-planet/

13 https://davidsuzuki.org/queen-of-green/food-climate-change/

14 https://transporteca.co.uk/sea-freight-air-freight/

15 https://olioex.com/food-waste/food-waste-facts/

16 https://www.theguardian.com/environment/2011/jan/06/fish-marine-stewardship-council

17 https://www.huffpost.com/entry/healthy-livingnews_b_4919960

CHAPTER 2 SAVE THE WORLD WHEN YOU...DRINK

I https://news.nationalgeographic.com/2017/04/plasticstraws-ocean-trash-environment/

2 www.refill.org.uk

3 http://www.biosphereplastic.com/biodegradableplastic/compost-facility-verification/pla-plastic-creates-methane-in-landfills-japan-bioindustry-and-bioplastics-council/

- 4 https://www.bbc.co.uk/news/magazine-36882799
- 5 https://emagazine.com/the-throwaway-generation-25-billion-styrofoam-cups-a-year/
- 6 https://www.bbc.co.uk/news/uk-23175220
- 7 https://www.theguardian.com/environment/green-living-blog/2010/jun/17/carbon-footprint-of-tea-coffee
- 8 https://nutritionstudies.org/12-frightening-facts-milk/
- 9 https://treadingmyownpath.com/2014/09/11/why-tetra-paks-arent-green-even-though-theyre-recyclable/
- 10 Goulson, Dave. A Sting in the Tale. Jonathan Cape; 1st edition. 2013.
- 11 https://www.gov.uk/government/news/deposit-return-scheme-in-fight-against-plastic

Chapter 3

SAVE THE WORLD WHEN YOU...TRAVEL

- 1 https://www.epa.gov/ghgemissions/global-greenhouse-gas-emissions-data
- 2 https://www.bicycling.com/training/a20009760/6-ways-cycling-improves-your-sex-life/
- 3 https://www.bikeradar.com/road/gear/article/30-reasons-to-take-up-cycling-23965/
- 4 https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/514912/road-use-statistics.pdf Page 28

- 5 https://www.theguardian.com/lifeandstyle/2014/feb/10/cycling-save-nhs-250m-year-report
- 6 https://hbr.org/2014/01/to-raise-productivity-let-more-employees-work-from-home
- 7 https://www.treehugger.com/clean-technology/video-conferencing-can-save-19-billion-55-million-tons-of-co2. html
- 8 https://www.bbc.co.uk/news/science-environment-29207644
- 9 https://www.apta.com/resources/reportsandpublications/ Documents/greenhouse_brochure.pdf
- 10 https://www.uea.ac.uk/about/-/walking-or-cycling-to-work-improves-wellbeing-university-of-east-anglia-researchers-fi-1
- 11 Macdonald, John M. 'The Effect of Light Rail Transit on Body Mass Index and Physical Activity'. American Journal of Preventive Medicine. 2010. Pages 105–112.
- 12 https://fas.org/sgp/crs/misc/R45144.pdf Page 1
- 13 http://afreeride.org/about/
- 14 https://www.ucsusa.org/sites/default/files/legacy/assets/documents/clean_vehicles/greentravel_report.pdf Executive Summary, page 4
- 15 https://www.thesun.co.uk/news/6887323/ holidaymakers-travel-size-toiletries-plastic-waste/ 16 https://www.theguardian.com/environment/2018/ jun/08/tourists-to-med-told-to-ditch-plastic-to-avoid-huge-

rise-in-beach-litter

17 http://mentalfloss.com/article/71964/7-scientific-benefits-helping-others
18 www.carbonfootprint.com/calculator
19 https://foe.org/news/2013-10-cruise-ships-flushed-more-than-1-billion-gallons-of-sewage-last-year/

CHAPTER 4 SAVE THE WORLD WHERE YOU...LIVE

1 https://www.uswitch.com/energy-saving/guides/standby-savers/

2 http://www.energysavingtrust.org.uk/sites/default/files/reports/EST_11120_Save%20Energy%20in%20your%20 Home_15.6.pdf

3 https://www.globalhealingcenter.com/natural-health/10-shocking-facts-health-dangers-wifi/

4 http://www.parentsforsafetechnology.org/wireless-and-the-bees.html

5 https://rgs-ibg.onlinelibrary.wiley.com/doi/pdf/10.1111/area.12469

6 https://www.wikihow.com/Reduce-Stormwater-Runoff-at-Your-Home

7 https://www.thegreenage.co.uk/tech/greywater-recycling/8 https://www.epa.gov/iaq-schools/why-indoor-air-quality-

important-schools

9 https://www.sciencedaily.com/

releases/2008/12/081229104700.htm

10 https://en.wikipedia.org/wiki/Air_pollution

11 https://www.beyondpesticides.org/

assets/media/documents/lawn/factsheets/

LAWNFACTS&FIGURES 8 05.pdf

12 https://www.energy.gov/articles/top-8-things-you-didnt-know-about-leds

13 http://www.whitehorse.vic.gov.au/IgnitionSuite/uploads/docs/Sustainable%20Living%20Guide%20Water.pdf

CHAPTER 5 SAVE THE WORLD WHEN YOU...BANK

- 1 https://www.epi.org/files/2013/pay-corporate-executives-financial-professionals.pdf
- 2 https://www.ecowatch.com/norway-dnb-dakota-access-pipeline-2098464180.html
- 3 https://www.investopedia.com/articles/personal-finance/050615/are-you-top-one-percent-world.asp
- 4 https://blogs.worldbank.org/publicsphere/world-s-top-
- 100-economies-31-countries-69-corporations
- 5 https://www.forbes.com/sites/jeffbercovici/2011/06/14/

why-some-psychopaths-make-great-ceos/#77009ae9261a 6 https://www.thebalance.com/what-are-greenbonds-417154

CHAPTER 6 SAVE THE WORLD WHEN YOU...DRESS

I https://www.independent.co.uk/life-style/fashion/environment-costs-fast-fashion-pollution-waste-sustainability-a8139386.html

2 https://www.forbes.com/sites/quora/2017/07/26/fast-fashion-is-a-disaster-for-women-and-the-environment/

3 https://www.demos.co.uk/wp-content/uploads/2017/09/ Shopping-for-Good-the-social-benefits-of-charity-retail-.pdf Page 9

4 https://www.demos.co.uk/wp-content/uploads/2017/09/ Shopping-for-Good-the-social-benefits-of-charity-retail-.pdf Page 9

5 https://www.theguardian.com/world/2015/jul/06/second-hand-clothing-donations-kenya

6 https://ejfoundation.org/resources/downloads/the_deadly_chemicals_in_cotton.pdf Executive Summary, page 2

7 https://cban.ca/gmos/products/on-the-market/cotton/genetically-modified-cotton-cban-factsheet/

8 https://www.globalresearch.ca/the-seeds-of-suicide-how-

monsanto-destroys-farming/5329947

9 https://www.plasticsoupfoundation.org/wp-content/uploads/2017/08/Position-Paper.Microfiber-release-from-clothes-after-washing.PSF_.pdf Page 2

10 https://www.theguardian.com/sustainable-business/2014/oct/27/toxic-plastic-synthetic-microscopic-oceans-microbeads-microfibers-food-chain

11 https://www.sciencedirect.com/science/article/pii/ S0269749114002425

12 https://medium.com/the-workroom-by-brass/the-myth-of-the-maxxinista-82962369dccc

13 http://www.wrap.org.uk/content/clothing-waste-prevention

14 https://fashionunited.com/news/fashion/people-do-not-wear-at-least-50-percent-of-their-wardrobes-according-to-study/2018081622868

CHAPTER 7 SAVE THE WORLD WHEN YOU... USE THE BATHROOM

1 https://www.trtworld.com/in-depth/rising-tides-and-sinking-cities-161804

2 https://www.huffingtonpost.co.uk/entry/england-watershortage_uk_5b050ca4e4b0784cd2af938d

3 https://www.onaverage.co.uk/other-averages/average-shower-time

4 https://www.epa.gov/sites/production/files/2017-01/documents/ws-products-awwa-journal-showerheads.pdf 5 https://www.water.org.uk/news-item/new-proof-that-flushing-wipes-is-a-major-cause-of-sewer-blockages/6 https://www.canceractive.com/cancer-active-page-link.aspx?n=223&title=Toxic-toiletries-and-cosmetics-and-chemicals-of-concern

7 https://www.nrdc.org/sites/default/files/walletcard_1.pdf 8 https://www.medicaldaily.com/benefits-cold-showers-7-reasons-why-taking-cool-showers-good-your-health-289524

CHAPTER 8 SAVE THE WORLD WHEN YOU...BLEED

1 https://www.the-ies.org/sites/default/files/journals/water_security_oct_14.pdf Page 19

2 https://www.huffpost.com/entry/feminine-hygiene-products_b_3359581

3 https://www.marieclaire.co.uk/life/average-woman-spends-10-years-of-her-lifetime-menstruating-475798

4 https://www.mcsuk.org/news/plastics-flushed-incorrectly

5 https://www.bbc.co.uk/news/business-45667020

6 https://www.newsweek.com/2016/04/29/womens-

periods-menstruation-tampons-pads-449833.html 7 http://time.com/4422774/tampons-toxic-cancer/ 8 https://wellnessmama.com/5425/balance-hormones/

CHAPTER 9 SAVE THE WORLD WHEN YOU...EXERCISE

1 https://neweconomics.org/2008/10/five-ways-towellbeing-the-postcards 2 https://www.facebook.com/OurPlanetbyattn/

videos/195587411270697/

3 https://www.theguardian.com/environment/2018/jan/01/stools-to-fuels-street-lamp-runs-on-dog-poo-bio-energy-waste-

4 https://www.independent.co.uk/life-style/plogging-sweden-rubbish-garbage-litter-exercise-health-workout-a8278656.html

CHAPTER 10 SAVE THE WORLD WHEN YOU...HAVE SEX

I https://www.lunduniversity.lu.se/article/the-four-lifestyle-choices-that-most-reduce-your-carbon-footprint

2 https://www.thisismoney.co.uk/money/news/ article-3448120/Cost-raising-child-spirals-230-000.html 3 https://www.independent.co.uk/news/education/ education-news/educate-girls-to-stop-populationsoaring-1050580.html 4 https://www.sciencedaily.com/ releases/2016/03/160304092230.htm 5 https://www.bbc.co.uk/news/scienceenvironment-46070037 6 https://www.netdoctor.co.uk/conditions/sexual-health/ a2256/the-contraceptive-pill/ 7 https://nypost.com/2017/03/20/womens-orgasms-areliterally-worth-billions/ 8 https://www.marieclaire.com/sex-love/a16474/womenporn-habits-study/ 9 https://www.independent.co.uk/life-style/british-sexsurvey-2014-over-three-quarters-of-men-watch-porn-butwomen-prefer-erotica-9762906.html 10 https://www.huffingtonpost.com/2013/05/03/internetporn-stats n 3187682.html 11 https://www.theguardian.com/environment/2010/

CHAPTER 11 SAVE THE WORLD WHEN YOU...PLAY

aug/12/carbon-footprint-internet

1 http://www.dextronet.com/blog/creating-lasting-happiness-in-5-minutes-a-day/
2 https://www.telegraph.co.uk/news/health/
news/5070874/Reading-can-help-reduce-stress.html
3 https://www.nationaltrust.org.uk/features/the-stories-of-britains-wildflowers

CHAPTER 12 SAVE THE WORLD WHEN YOU...VOTE

1 https://www.bbc.co.uk/news/election-2017-40015079

2 https://edition.cnn.com/2018/10/02/us/voter-day-registration-record-trnd/index.html
3 https://www.theguardian.com/us-news/2017/jan/18/
american-non-voters-election-donald-trump
4 https://www.intelligenthq.com/innovation-management/
politics-is-broken-whats-the-alternative/
5 https://participedia.net/en/cases/electronic-participatory-budgeting-iceland
6 https://www.theguardian.com/politics/2015/may/22/
flatpack-democracy-peoples-republic-of-frome

8 http://www.gp.org/ballot_access
9 http://www.cawp.rutgers.edu/women-us-congress-2018

district-joe-crowley-faces-challenge-left/

7 https://rewire.news/article/2018/06/25/new-yorks-14th-

10 https://www.bbc.co.uk/news/election-2017-40192060