

# Wprowadzenie do ogólnych zagadnień związanych ze zmianami klimatycznymi i ich wpływu na funkcjonowanie miasta i żyjących w nich ludzi.

Wykład 1 - NBS



# HUMAN POPULATION

Our population remained low—probably less than 1 million people.

With the advent of farming, growth picked up.

By AD 1, world population reached approximately 170 million people.

POPULATION (millions)

170  
160  
150  
140  
130  
120  
110  
100  
90  
80  
70  
60  
50  
40  
30  
20  
10  
0

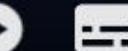


[https://www.youtube.com/watch?v=PUwmA3Q0\\_OE](https://www.youtube.com/watch?v=PUwmA3Q0_OE)



0:52 / 6:24

YEAR BC







[http://www.dougstepsout.com/2013/09/10/  
community-profiles-shingle-springs-part-1/](http://www.dougstepsout.com/2013/09/10/community-profiles-shingle-springs-part-1/)

# Ziemia obiecana - Przeprowadzka do Łodzi



<https://www.youtube.com/watch?v=v65U-WTi-OI>

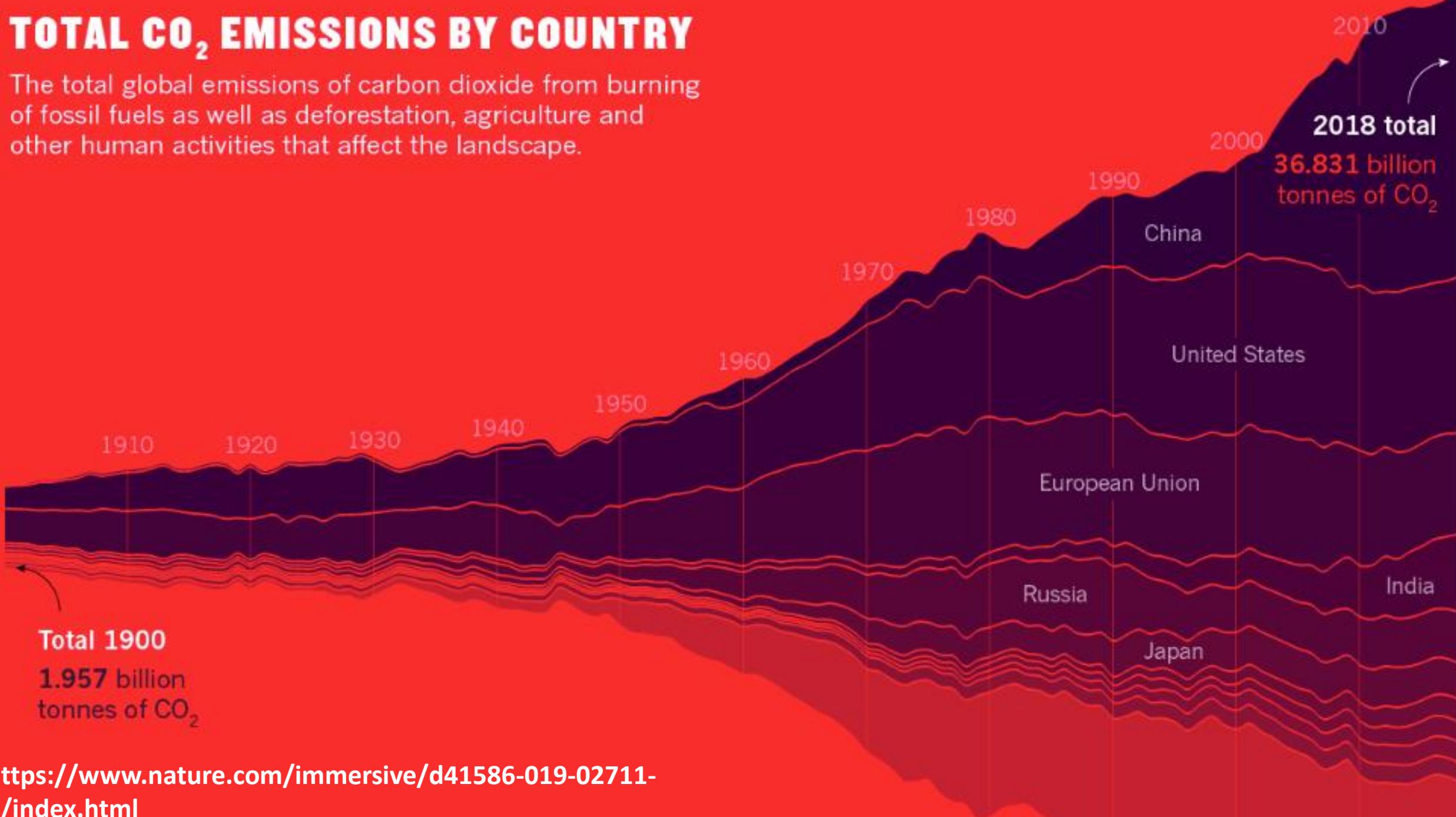




<https://www.museumoflondon.org.uk/discover/londons-past-air>

# TOTAL CO<sub>2</sub> EMISSIONS BY COUNTRY

The total global emissions of carbon dioxide from burning of fossil fuels as well as deforestation, agriculture and other human activities that affect the landscape.

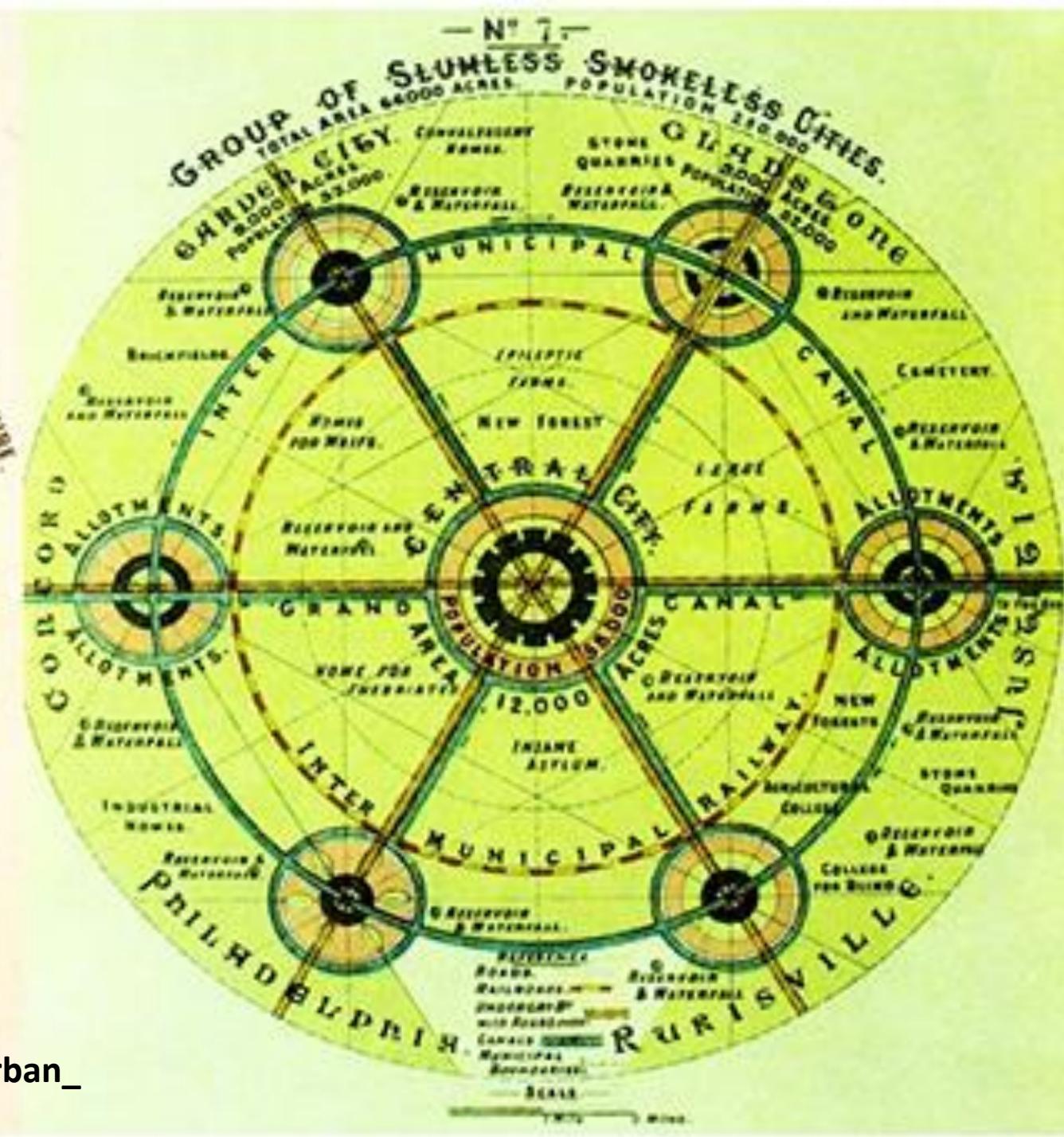
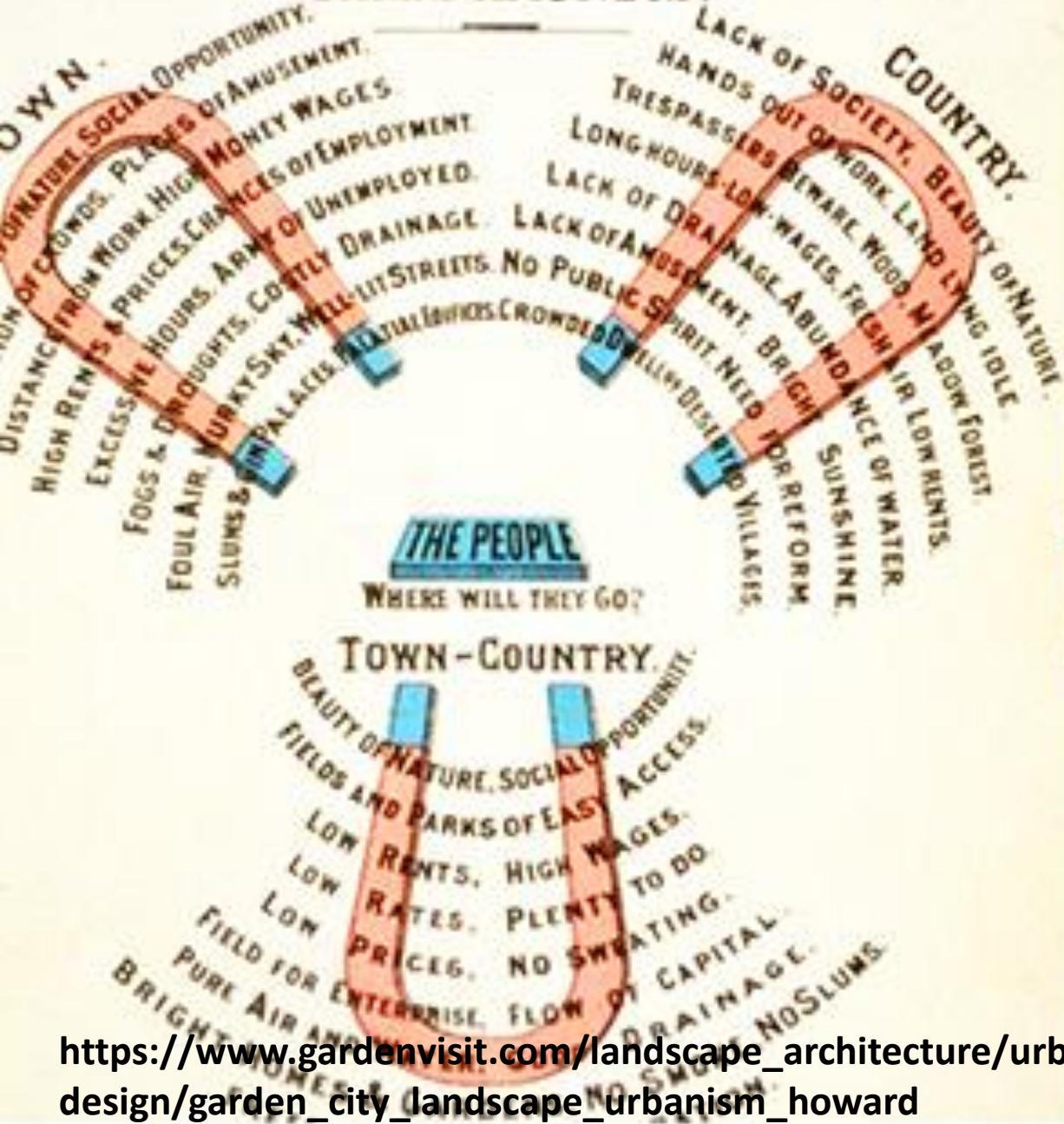




[https://www.archdaily.com/484268/familistere  
-guise-h2o-architectes](https://www.archdaily.com/484268/familistere-guise-h2o-architectes)

## THE THREE MAGNETS.

Nº 1.



# The Pruitt-Igoe Myth Official Trailer #1 (2012) HD



1956

<https://www.youtube.com/watch?v=8CAFACI7LBY>

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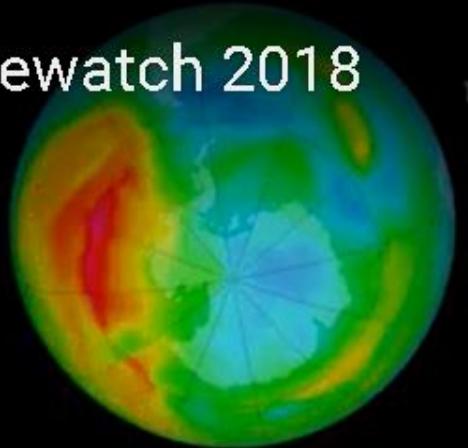
0:23 / 2:34



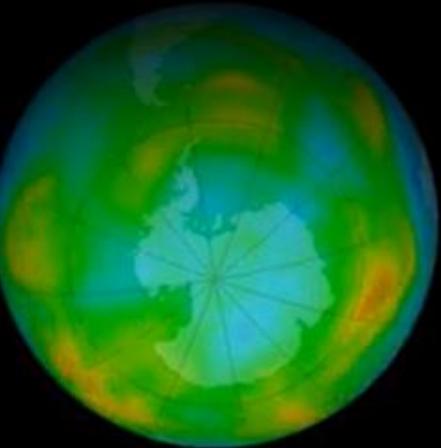


# Ozonewatch 2018

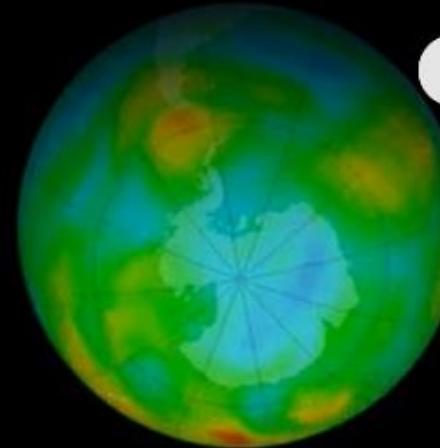
1979-07-10



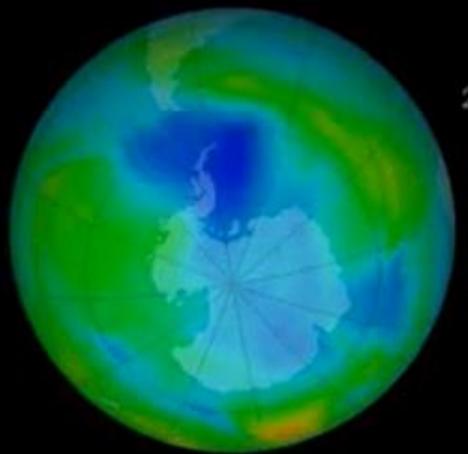
1980-07-10



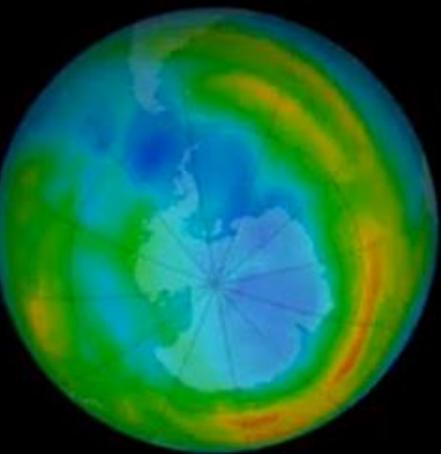
1981-07-10



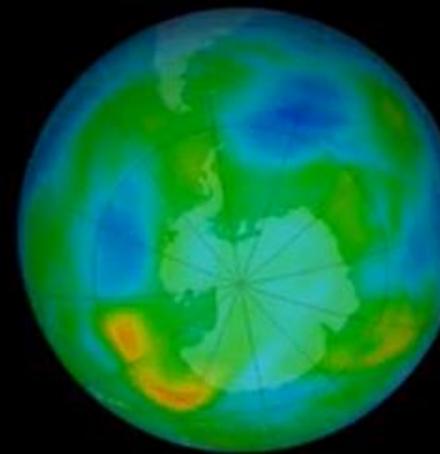
2000-07-10



2002-07-10



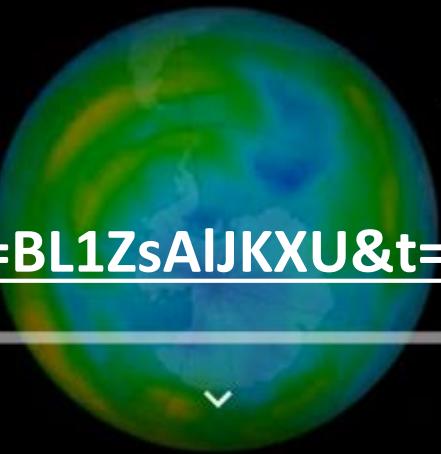
2006-07-10



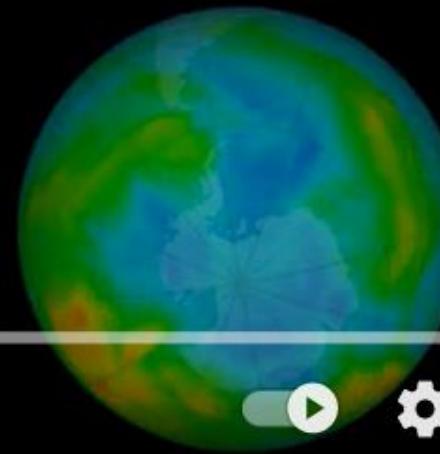
2016-07-10



2017-07-10



2018-07-10



<https://www.youtube.com/watch?v=BL1ZsAIJKXU&t=27s>



0:01 / 0:30



# Earth's Long-Term Warming Trend, 1880-2015



1886 - 1890

<https://www.youtube.com/watch?v=gGOzHVUQCw0>



0:01 / 0:30





MARVIPOL

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ONPARK

Brama Szczodrowa



# Number of recorded natural disaster events, All natural disasters, 1900 to 2019

The number of global reported natural disaster events in any given year. This includes those from drought, floods, extreme weather, extreme temperature, landslides, dry mass movements, wildfires, volcanic activity and earthquakes.

[Change disaster category](#)



Source: EMDAT (2020); OFDA/CRED International Disaster Database, Université catholique de Louvain – Brussels – Belgium  
[ourworldindata.org/grapher/number-of-disaster-events](https://ourworldindata.org/grapher/number-of-disaster-events)  
OurWorldInData.org/natural-disasters • CC BY

▶ 1900

2019



<https://tvn24.pl/tvnmeteo/informacje-pogoda/ciekawostki,49/dekada-trzesien-zemi-niemal-milion-ofiar-dwa-miliardy-poszkodowanych,15118,1,1.html>



Watch more

<https://www.bbc.com/news/av/world-europe-14007888>



00:03 / 01:01



1x





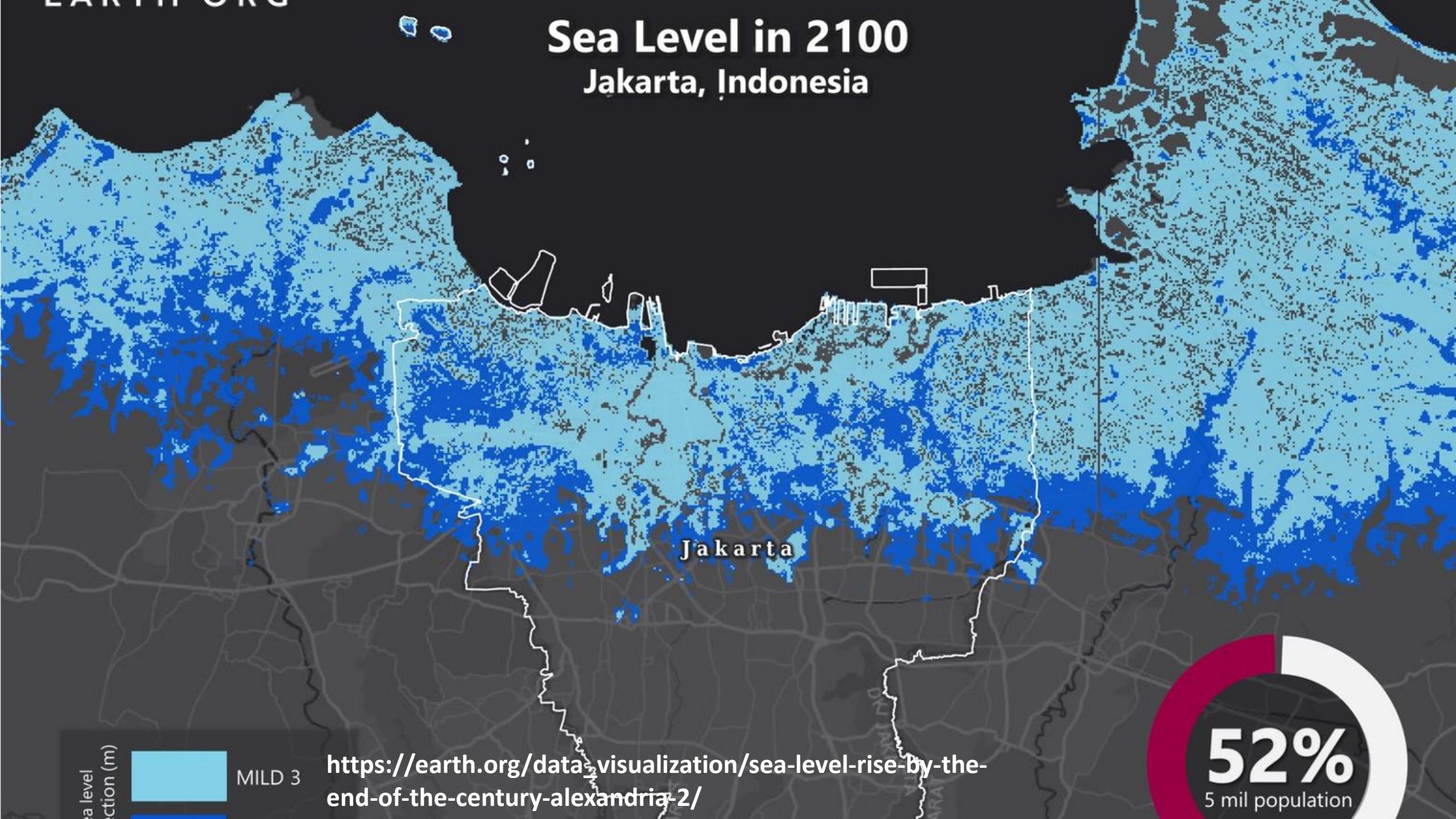
<https://polska-org.pl/8792442,foto.html?idEntity=537478>



<https://www.scientificamerican.com/article/sea-level-rise-is-speeding-up-in-parts-of-the-southeastern-u-s/>

# Sea Level in 2100

## Jakarta, Indonesia





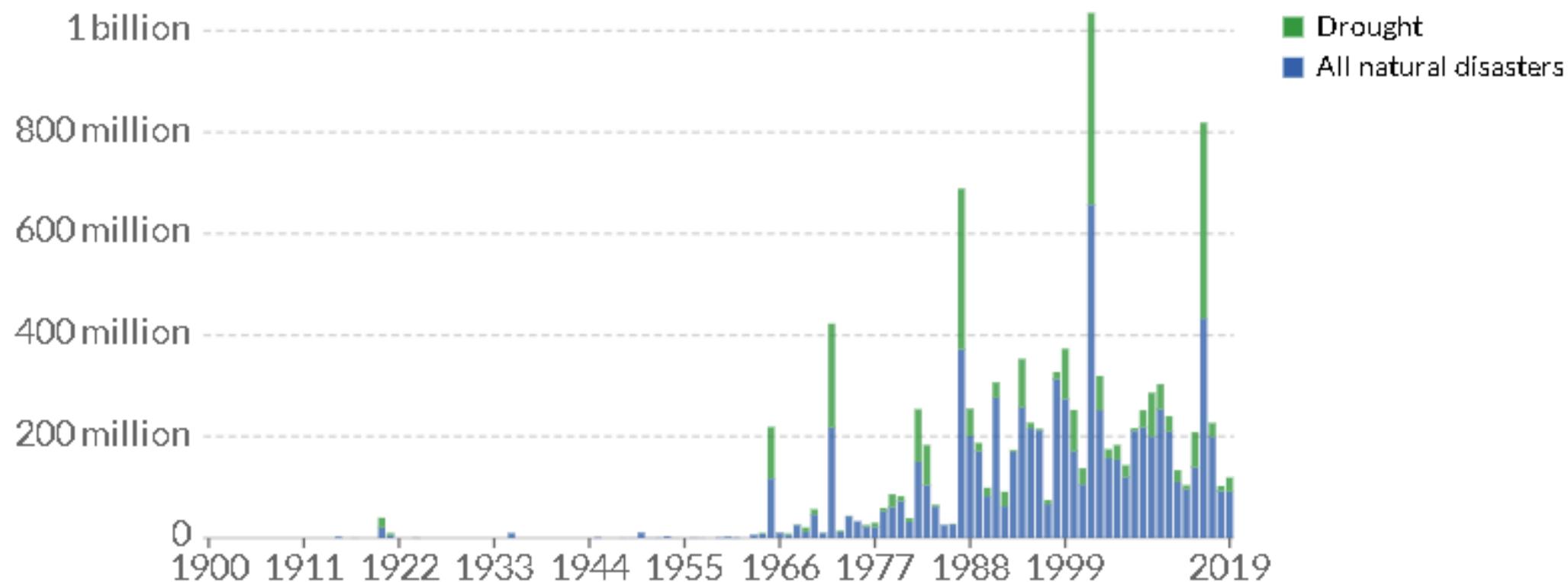
<https://www.techtudo.com.br/noticias/noticia/2012/10/falsas-fotos-do-furacao-sandy-e-memes-circulam-pelas-redes-sociais.html>



# Number of people affected by natural disasters, 1900 to 2019

Global number of people affected by natural disasters. This is defined as "people requiring immediate assistance during a period of emergency, i.e. requiring basic survival needs such as food, water, shelter, sanitation and immediate medical assistance."

➡ Change disaster category



Source: EMDAT (2020); OFDA/CRED International Disaster Database, Université catholique de Louvain – Brussels – Belgium  
[OurWorldInData.org/natural-disasters](https://OurWorldInData.org/natural-disasters) • CC BY

