

Global Recovery

Aside from the devastating effects of the virus, the environment has seen some major positive impacts that have come from the lockdown and quarantine restrictions/procedures put in place to control the spread of the virus.

1. Sea turtles in Janga Beach, Paulista Brazil

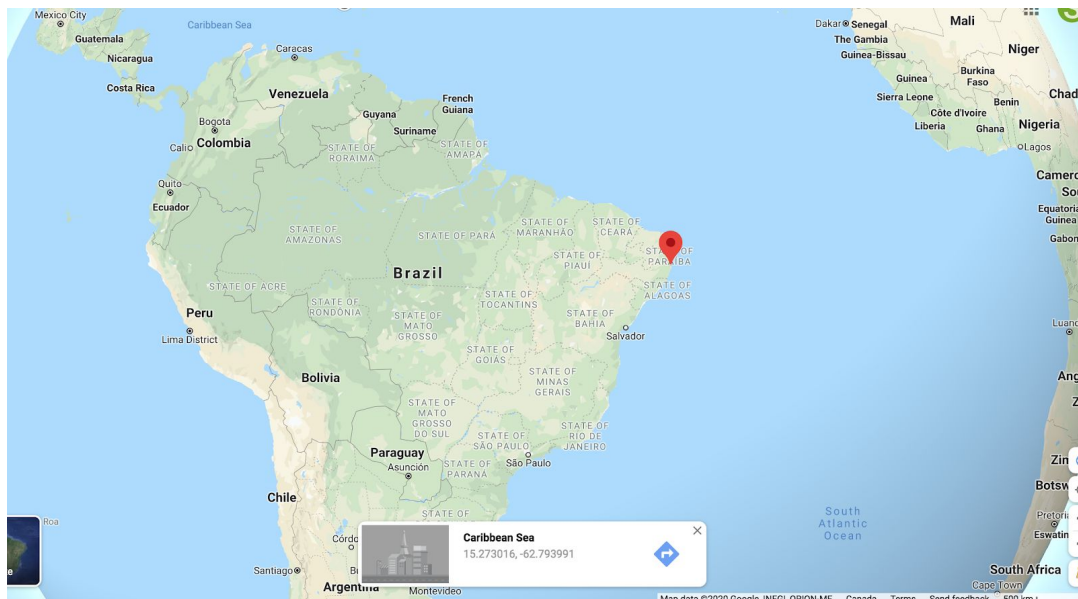
The beach is a popular destination among many people. But this can have negative effects for many marine species. Here we see the hatching of sea turtles in Brazil without interruption. There has been an increase in sea turtles born and they can make their way to the ocean without facing any obstruction from humans due to the beaches being clear.



Relative Location: Northeast coast of Brazil

Absolute Location: Latitude -7.9422743, Longitude -34.836242

Source: <https://globalnews.ca/news/6755432/coronavirus-sea-turtles-brazil/>



2. Air Pollution in New Dehli, India

Here we can see the before and after in New Delhi. The lockdown and curfew have made it so that fewer cars are on the road. As a result, pollution has decreased. Delhi usually has some of the worst air pollutions in the world. The shutting down of factories and construction also contributed to pollution levels plummeting.



Relative Location: North Central India

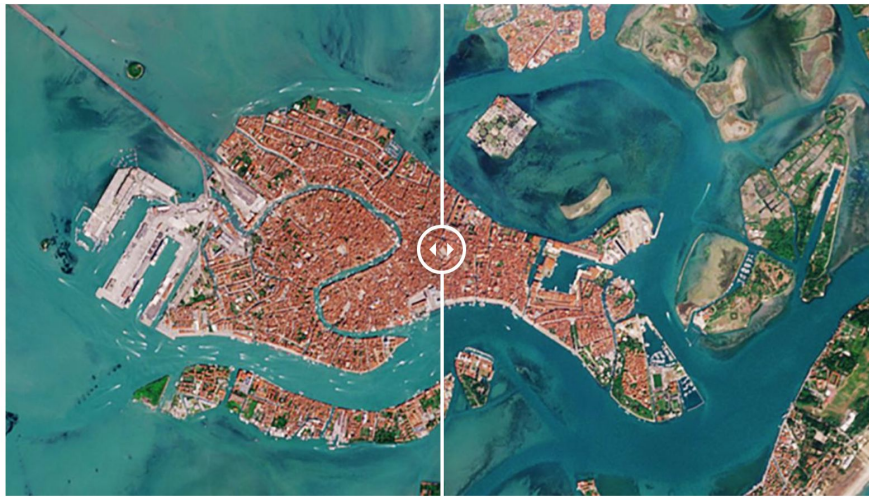
Absolute Location: 28.7041° N, 77.1025° E

Source: <https://www.insider.com/photos-reduced-air-pollution-india-2020-4#before-according-to-cnn-india-is-home-to-21-of-the-worlds-30-cities-with-the-worst-air-pollution-new-delhi-tops-that-list-1>



3. Water Pollution Venice, Italy

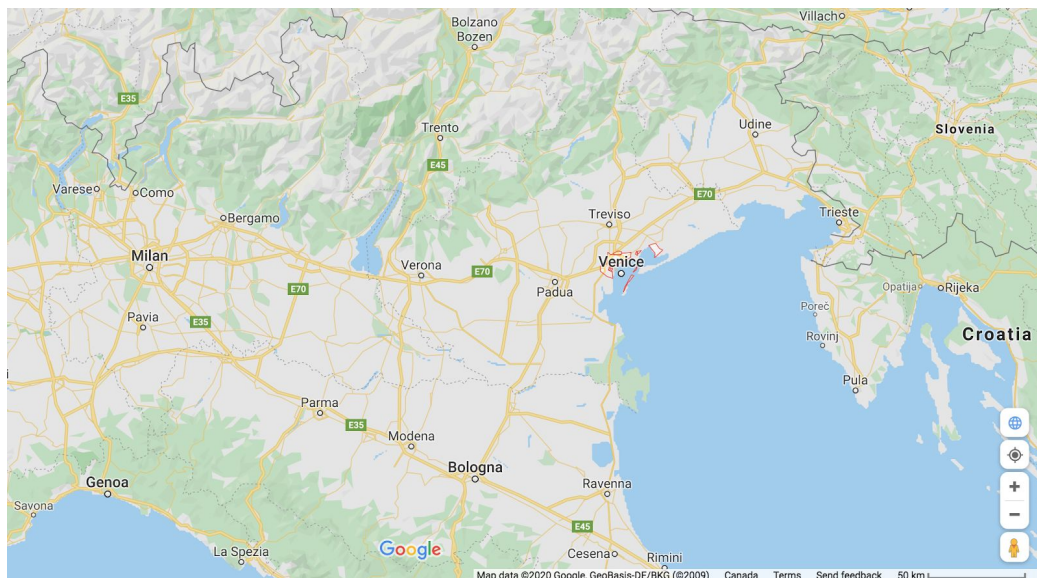
These two pictures of the Venice canals are one year apart. The European Space Agency released these two photos, showing the difference between the water pollution levels. These pictures are approximately a year apart. Due to the lockdown, the number of boats in the canal has decreased immensely and as a result, this has lowered the amount of water pollution.



Relative Location: Northeastern Italy

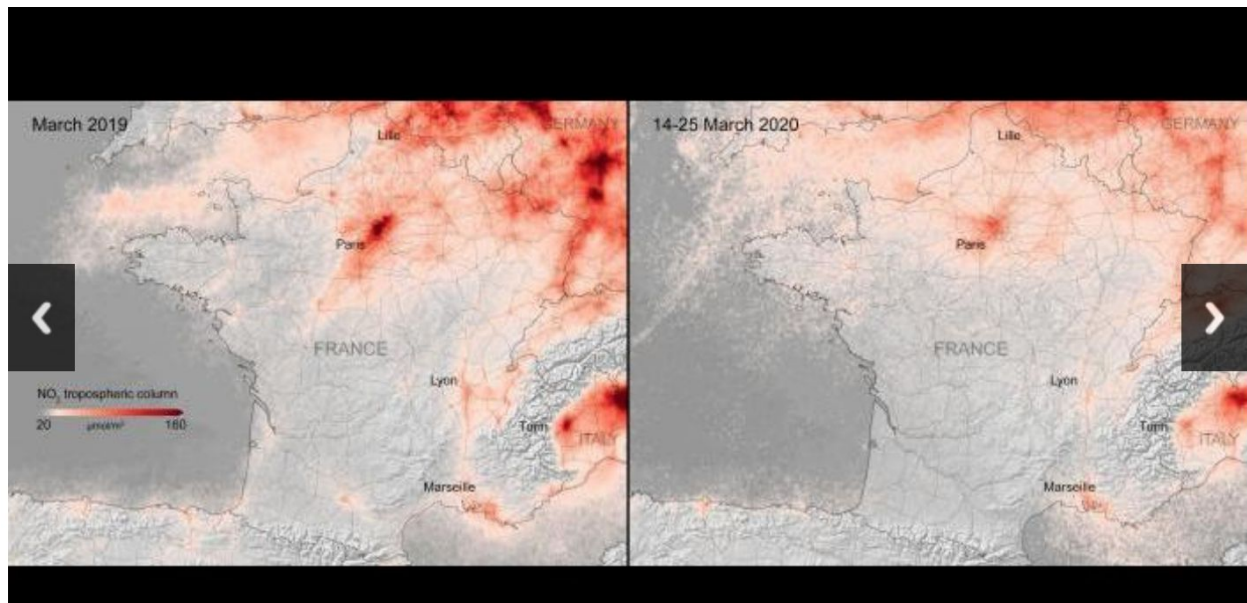
Absolute Location: 45.4408° N, 12.3155° E

Source: <https://www.cnn.com/2020/04/16/europe/venice-space-satellite-images-canals-scli-intl-scn/index.html>



4. Nitrogen Dioxide Levels in Paris

Just like New Delhi, Paris has seen an improvement in terms of air quality. Here we can see the improvement in terms of Nitrogen Dioxide levels. Due to the lockdown and the virus, the number of planes, cars, factories and other industries operating have decreased. This has contributed to a decrease in NO₂ levels.



Relative Location: North Central Paris

Absolute Location: 48.8566° N, 2.3522° E

Source:

<https://news.wttw.com/2020/04/02/environmental-impact-covid-19-lockdowns-seen-space>

All in all, in order to sustain and preserve some of these changes we have to look at and analyze what exactly caused these positive environmental changes. One of the main factors that caused this was reducing the use of fossil fuels. The use of cars, planes and etc. has also dropped. This has caused CO₂ levels to plummet. In order to keep this up, we need to think more about renewable energy. More money should be put into things like hydro, solar and wind energy so they can be implemented. Also, there should be more encouragement and incentives put into place to invest in electric and eco-friendly vehicles/transportation. In the end, this would help our planet and future generations by reducing our carbon footprint. Moreover, this would also help preserve the current clean air quality in some of the developing countries.