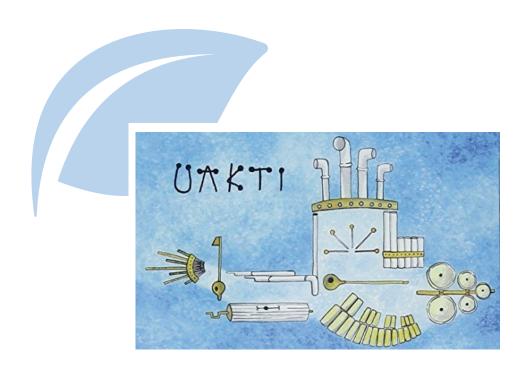
1



Did you know?

CO2's permanence the atmosphere is decades longer than others, presenting increasingly direct risks for human health. Evidence shows regular exposure to environmentally relevant elevations in ambient CO2 represents serious health hazards. Recycling materials in every way possible is an impactful way to reduce our daily carbon footprint.

- NATURE

Philipp Glass:

Aguas da Amazonia - Paru River (2019)

Performed by Uakti

Uakti (WAHK-chee) Brazilian is instrumental musical group known for using custom-made instruments by themselves, out of PVC tubes, wood, glass and tin cans. Environmentally, production reduces the rosewood marimbas' carbon footprint.









2



Did you know?

Global warming means more evaporation and more moisture in the atmosphere. Every 17 degree C rise in temperature can mean 4% more water vapour in the air. Humans have eliminated many natural features that would otherwise slow rainwater's path across lands.

- Environmental Defense Fun

Elena Kats-Chernin: Symphonia Eluvium (Symphony of the Floods) for chorus and orchestra (2011)

Documentary on the piece filmed by the ABC Network Australia

This piece is a reflection of the devastating floods in Queensland (2011). The disaster touched over 200,000 people, causing deaths and thousands of evacuations. The composer captures the "emotional turbulence of the flood", expressing optimism for reconstruction.







3



Did you know?

Mining-related deforestation affects up to 1/3 of the world's forest ecosystem. Indirect effects such as water and soil contamination, illegal logging or settled agriculture are destroying important habitats of critically endangered species, producing negative social impacts human rights violations.

- WWF World Wide Fund for Nature

Fazil Say: Sonata for Violin and Piano No. 2, 'Mount Ida' (Kaz Dağları), Op. 82 (2019), II. Wounded Bird

Performed by Friedemann Eichhorn (violin) and Fazıl Say (piano)

Scan to listen!

In the composer's words: "I, along with the people of Turkey, have been very much affected by the massacre of nature that happened at Mount Ida (in 2019, gold mining activities led to widespread deforestation). The work's main theme is inspired by this catastrophic incident."







4



Did you know?

As a result of global warming, we lose Arctic sea ice at a rate of almost 13% per decade. With less ice, more intense heat waves are expected worldwide. On the other hand, more extreme winters could happen as a counter effect while sea levels would not stop rising.

- WWF World Wide Fund for Nature

Ludovico Einaudi: Elegy for the Arctic (2016)

Einaudi performs his original piece on a floating platform in the Arctic Ocean, against the backdrop of the Wahlenbergbreen glacier (NO). In collaboration with <u>GreenPeace</u>, this track supports the opening of a possible first protected area in Arctic international waters.







5



Did you know?

Over the last 800,000 years, the concentration of CO2 in the atmosphere has fluctuated maintaining acceptable levels for the planet. However, in the last 170 years, the increase has skyrocketed, currently reaching an unsustainable extent due to greenhouse gases emissions.

- Royal Society

Daniel Crawford: Planetary Bands, Warming World (2015)

Performed by Julian Maddox, Jason Shu, Alastair Witherspoon and Nygel Witherspoon

Using <u>surface temperature analysis from NASA</u>, the composers link each instrument to a specific part of the Northern Hemisphere: the pitch of each note is tuned to the average annual temperature in each region, following the principle of "low-cold" and "high-warm".













Did you know?

Dichlorodiphenyltrichloroeth ane, commonly known as DDT, is colourless, a tasteless, and almost odourless crystalline chemical compound, an organochlorine. Originally developed as an insecticide, it became infamous for its dangerous environmental impacts.

> - Environmental Humanities Initiative; science.smith.edu

Joni Mitchell: Big Yellow Taxi (1970)

"Big Yellow Taxi" is an environmentalist anthem that critiques environmental destruction, excessive urban development, mass deforestation and the use of the insecticide dichlorodiphenyltrichloroethane, or DDT.







7



Did you know?

Earth Day is an annual celebration that honours the achievements of the environmental movement and raises awareness of the need to protect Earth's natural resources for future generations. The first Earth Day was held April 22, 1970.

- National Geographic

Chris Hutchings:

Let Them Not Say (2021)

"Let Them Not Say" was released on Earth Day in 2021 as part of #ChoirsForClimate. In the song, the pitch of the soprano lines is symbolic of global warming: each phrase's pitch recalls the temperature since 1979, slowly rising throughout the work. This initiative opens up to the singing community by offering eco-friendly resources and strategies to campaign for climate justice.







8



Did you know?

The Greenpeace solar energy trailer Cyrus displayed at an alternative energy fair held to protest Watts Bar Nuclear Plant to highlight solar power and other alternative energy production. Inside the trailergenerator are educational exhibits discussing clean energy.

- GreenPeace Media

Orbital:

The Girl With The Sun In Her Head (2017)

Dedicated to the memory of photographer Sally Harding, "The Girl With The Sun In Her Head" was recorded using <u>CYRUS</u>, the Greenpeace mobile solar generator, as the only source of electricity.







9



Did you know?

Uranium is used for its chemical properties as fuel for nuclear reactors. Regardless of how uranium is removed from rock, the extraction process creates radioactive wastes. If not managed properly, mining waste and mill tailings can contaminate the environment.

- US Environmental Protection Agency

Peter Maxwell Davies: Farewell to Stromness (late 1970s)

Performed by Adrian Lord

This track is part of The Yellow Cake Revue, a collection of cabaret songs and recitations. Davies wrote this piece to protest against the construction of the uranium mine in Stromness, Scotland. The word "Yellowcake" is a reference to the uranium found there.







10



Did you know?

About 7% of Ghana's land area is considered coastal, and about a quarter of the country's population resides there. Some 37% of the country's coastal land was lost to erosion and flooding between 2005 and 2017. In 2021, nearly 4000 people in Keta district were displaced.

- MONGABAY News

Kieran Brunt:

The Rising Sea Symphony (2020)

Over four movements of evocative music, the listener is transported to the front line of the climate crisis, with stories from coastal Ghana - where entire villages are being swept away by the rising sea - to Norway's Svalbard archipelago melting at alarming speed.







11



Did you know?

If the world warms by four degrees, we will see the drying up of some of the most important rivers in the world. Oceans will rise while will alaciers disappear, cutting off fresh water to billions. In Europe, cities like Venice or Amsterdam and like The countries could Netherlands be forever submerged.

> - National Geographic; European Environment Agency

ANOHNI: 4 degrees (2015)

In 2015, British music activist ANOHNI addressed the climate crisis as world leaders hashed out the landmark Paris climate agreement: "4 Degrees" refers to a projected increase in the Earth's temperature over the next century, which would devastate the planet's ecology.







12



Did you know?

Since the early 1900s, many glaciers around the world have been rapidly melting. Scientists project that if emissions continue to rise unchecked, the Arctic could be ice-free in the summer as soon as the year 2040 as ocean and air temperatures continue to rise rapidly.

- WWF World Wide Fund for Nature

Terje Isungset:

Farewell Glacier (2023)

Norwegian artist <u>Terje Isungset</u> has spent decades making music out of ice, inviting the audience to environmental reflection. "Farewell Glacier" portrays the dramatic loss of land-bound ice through the sound of igloo-recorded music and ice instruments.







13



Did you know?

In September 2023, ten countries and territories saw severe flooding in just 12 days. Countries like Greece, Libya and Brazil were devastated by catastrophic rainfalls. Record-warm ocean temperatures have fueled hyperactive Atlantic hurricanes that show no signs of slowing.

- CNN World

Hans Zimmer/Camila Cabello

Take me back home - Frozen Planet II (2022)

Presented at the BBC's Earth Prom 2022, this track accompanies the arctic-focused series "Frozen Planet II", a documentary by Sir David Attenborough. While showcasing the beauty of glaciers, this piece also stresses the major damage climate change has on the poles.







14



Did you know?

2023, Australian communities being are urged to plan and prepare for an increased risk of bushfires since the black summer. Fires are likely to be experienced due to forecasts of above-average decreased temperatures, rainfall changing and weather patterns.

- NASA Earth Observatory; Guardian

Fire Fight Australia - John Farnham You're the voice (2020)

Queen, Brian May, Olivia Newton-John

Fire Fight Australia is a fundraising benefit concert for the national bushfire relief following the Australian 'Black Summer' in 2019–20. Reuniting international and local music icons, the concert raised more than \$10 million for bushfire relief providing support in affected areas.







15



Did you know?

Plastic pollution has become one of the most pressing environmental issues, as rapidly increasing production of disposable plastic products overwhelms the world. Improved waste management systems and recycling could prevent plastic from entering rivers and seas.

- National Geographic

Keb' Mo':

Don't Throw it Away (2019)

American blues musician and four-time Grammy award winner Keb' Mo' released this song to help spread global awareness about plastic pollution. "Don't Throw It Away" features the <u>Plastic Pollution</u> Coalition and video collaborators Make A Change World.





