

***Greetings, TicToc readers. It's Earth Day — and our planet is in trouble.***



## **Climate change is bad and getting worse**

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**That's according to the UN, which says,** "time is running out to prevent the irreversible and dangerous impact of climate change."

**Canada is warming** twice as fast as the rest of the globe.

**Greenland's glaciers** are melting faster than ever. We talked to the scientists digging deep in the ice to study the change.

**A dump truck's worth of plastic** enters the ocean every minute. Here's how that affects marine life.

**This pregnant whale** was found dead with 48 pounds of plastic in its stomach.

**Environmentally friendly** products are too expensive for most people.

**Philadelphia revamped** its recycling, but new Chinese restrictions on trash are

driving up costs.

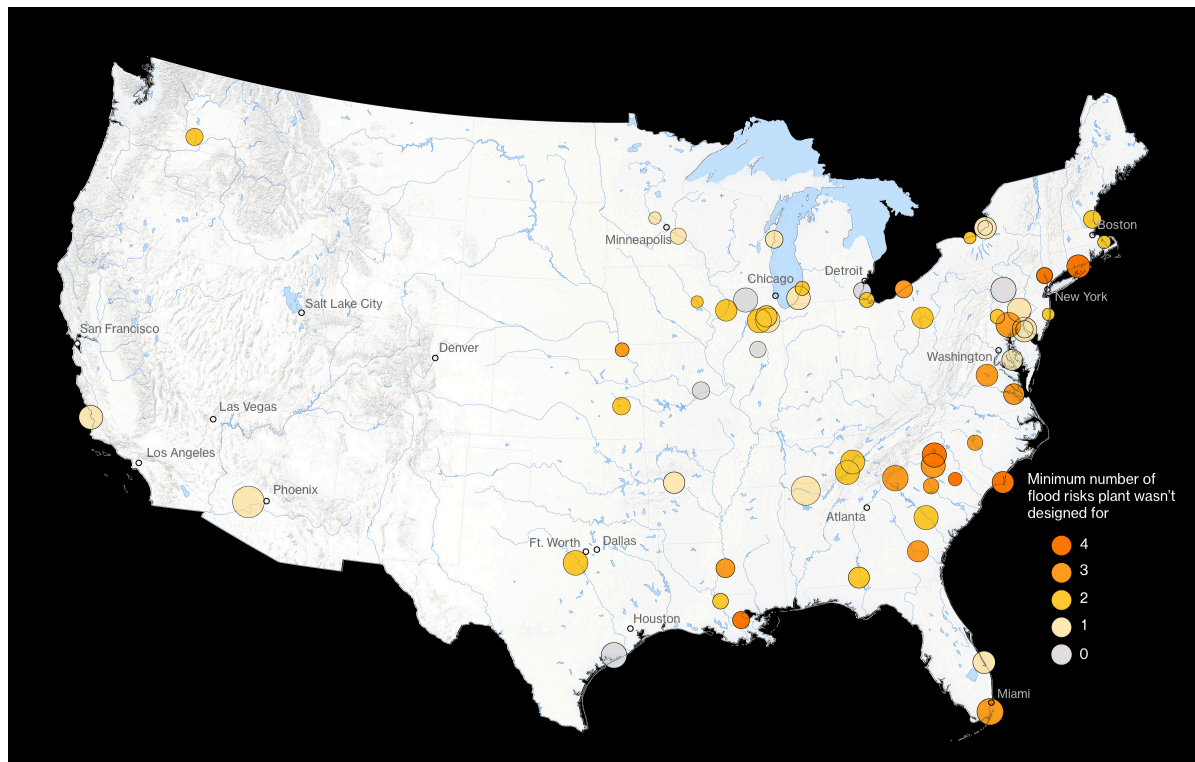
**The Dead Sea is drying up.**

**And climate change is leading to more wars and refugee migration.**

## Data of the day

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Nuclear power accounts for more energy production than all renewable sources in the U.S. — but the majority of plants are vulnerable to flooding.



## Despite all the above, there are reasons to be hopeful

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Germany has a plan to quit coal use completely by 2038.

More and more brands are creating reusable packaging.

A new wave of satellites could accurately pinpoint greenhouse gas offenders.

NASA is trying to predict the path of the phenomenon.

**Floating cities** and other technological solutions could be our future.

**2020 candidates** are making climate change a central issue.

**And the youth** are leading the charge for change.

## **On the TicToc podcast**

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For Earth Day, we chatted with Joe Sanberg, the co-founder of Aspiration, a financial firm that only lends to sustainable companies.