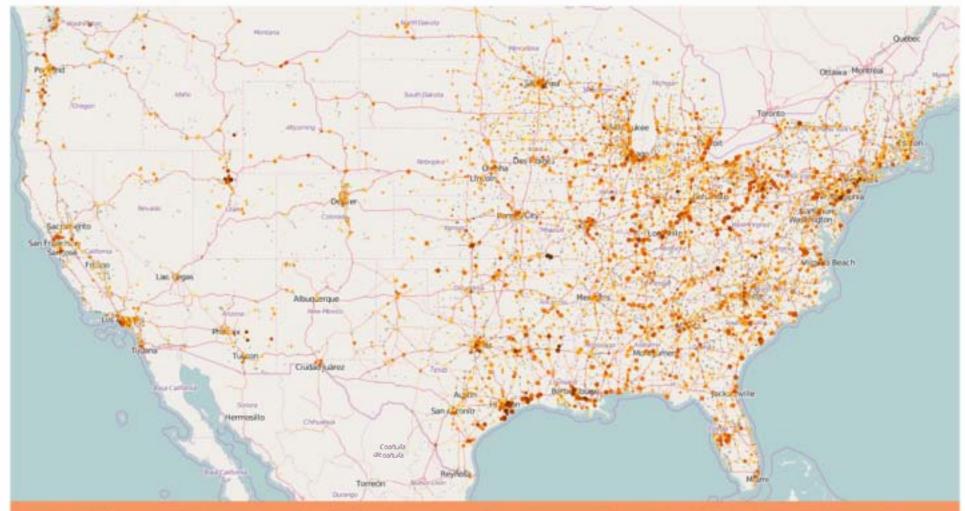


TOXIC TRENDS MAPPER

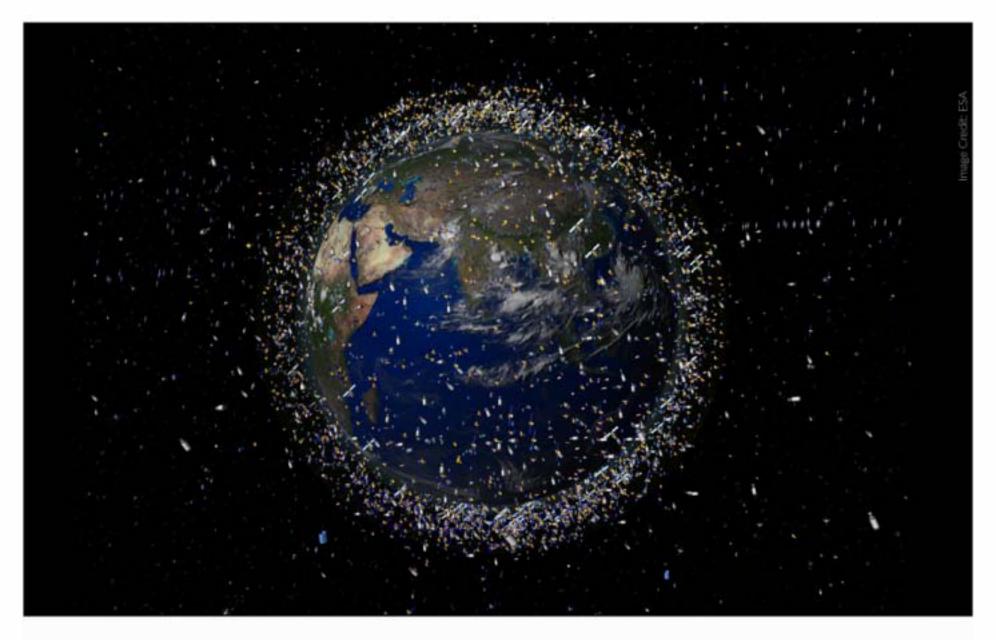
THERE ARE CURRENTLY 17,000 FACILITIES REPORTING TO TRI AND VIEWABLE IN THE WEB MAP



This web map visually represents industrial air pollution information to citizens across the United States by mapping the relative risk from air pollution that industrial facilities pose to the human health of their communities and how those risks might change over time. Facility pollution information comes from the Toxic Release Inventory (TRI), an inventory by the United States Environmental Protection Agency (EPA) and the States to collect data annually on releases and transfers of certain toxic chemicals from industrial facilities.



To allow residents living in vulnerable communities access to a data source that will help monitor chemical releases, assess health impacts, communicate potential risks, and help residents advocate for improved local, state, and national policies.



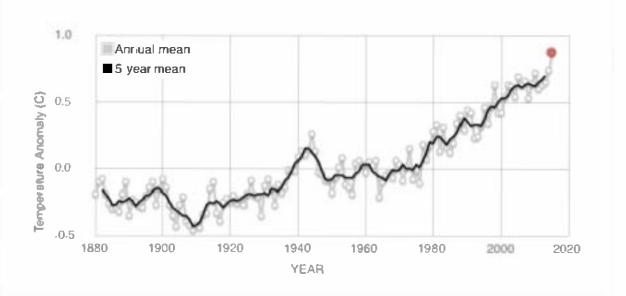
The Earth's climate has changed throughout history. Just in the last 650,000 years there have been seven cycles of glacial advance and retreat, with the abrupt end of the last ice age about 7,000 years ago marking the beginning of the modern climate era — and of human civilization?

GLOBAL TEMPERATURE INCREASE

GLOBAL LAND-OCEAN TEMPERATURE INDEX

Data source. NASA's Goddard Institute for Space Studies (GISS).

Credit: NASA/GISS





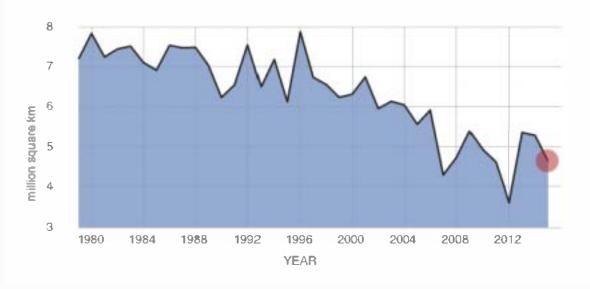
AVERAGE SEPTEMBER EXTENT

Data source: Satellite observations. Cred NSIDC

RATE OF CHANGE

↓13.4

percent per decade



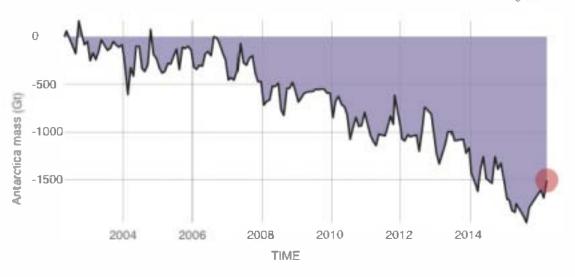
ICE SHEETS DISAPPEARING

ANTARCTICA MASS VARIATION SINCE 2002

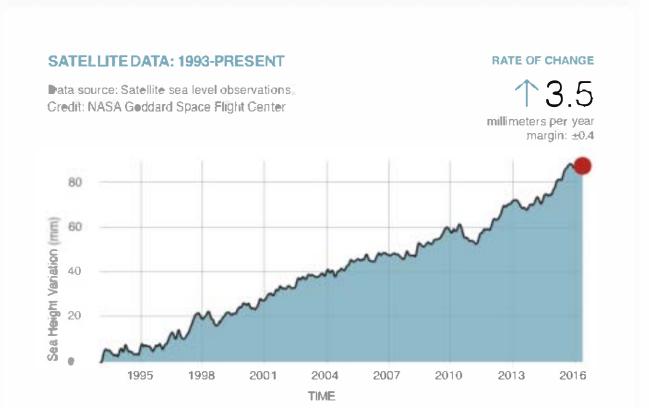
■ata source: Ice mass measurement by NASA's GRACE satellites Credit: NASA **RATE OF CHANGE**

↓118.0

Gigatennes per year margin : ±79



SEA LEVELS RISING





AVAILABILITY HEURISTICS

A mental shortcut that relies on immediate examples that come to mind. When making a decision, a number of related events or situations might immediately spring to the forefront of your thoughts.

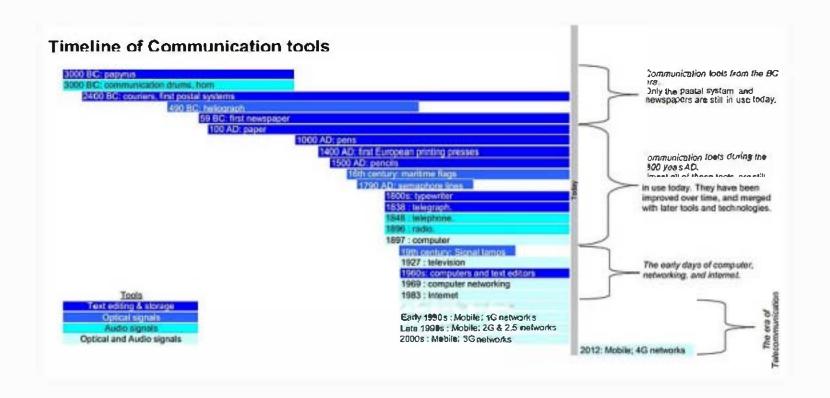
OUR CURRENT GLOBAL ENVIRONMENTAL PROBLEM HAS NO PRECEDENCE OR RELATED SITUATION MAKING IT DIFFICULT TO SOLVE

CHANGE HEURISTICS CHANGE THE WORLD

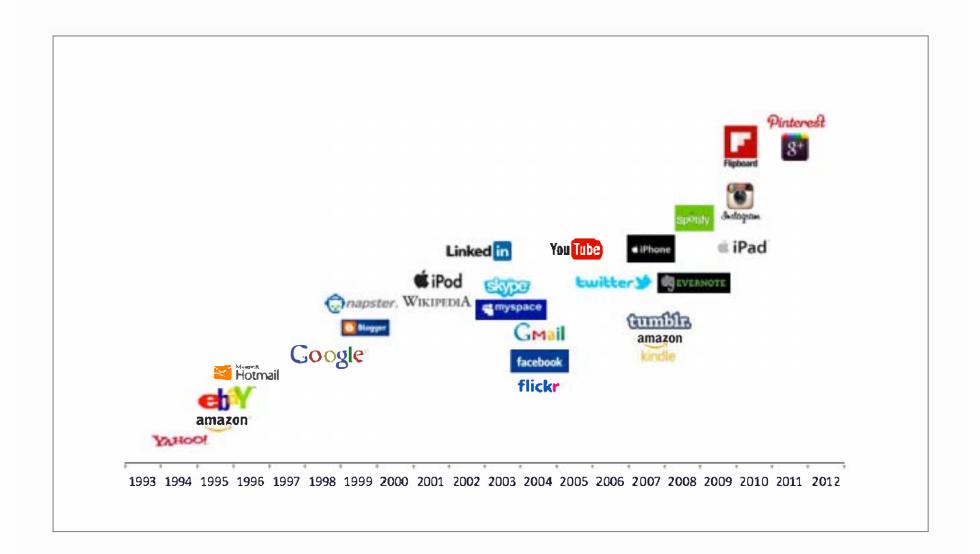


SMOKE SIGNALS

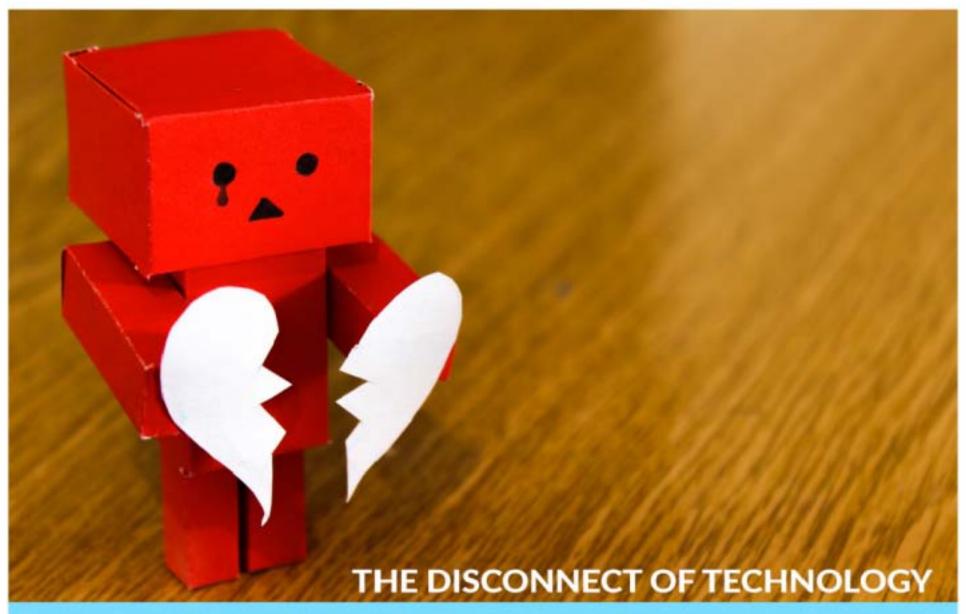
DIGITAL SIGNALS



In the span of about 175 years the digital signal evolved from telegraphs to 4G networks. It took 500 years to go from pen to pencil.



CHANGES IN DIGITAL COMMUNICATION IN THE LAST 20 YEARS



A study at UCLA indicated that up to 93 percent of communication effectiveness is determined by nonverbal cues. Another study indicated that the impact of a performance was determined 7 percent by the words used, 38 percent by voice quality, and 55 percent by the nonverbal communication.





OUR CURRENT GLOBAL ENVIRONMENTAL PROBLEM HAS NO PRECEDENCE OR RELATED SITUATION MAKING IT DIFFICULT TO SOLVE



Consumer behavior has changed forever. Today's battle for hearts, minds, and dollars is won (or lost) in micro-moments—intent-driven moments of decision-making and preference-shaping that occur throughout the entire consumer journey.

CREDIT GOOGLEKEYN # 15 2016









By creating visually stimulating social media campaigns we can capture an audience in their "I want to know moment".

