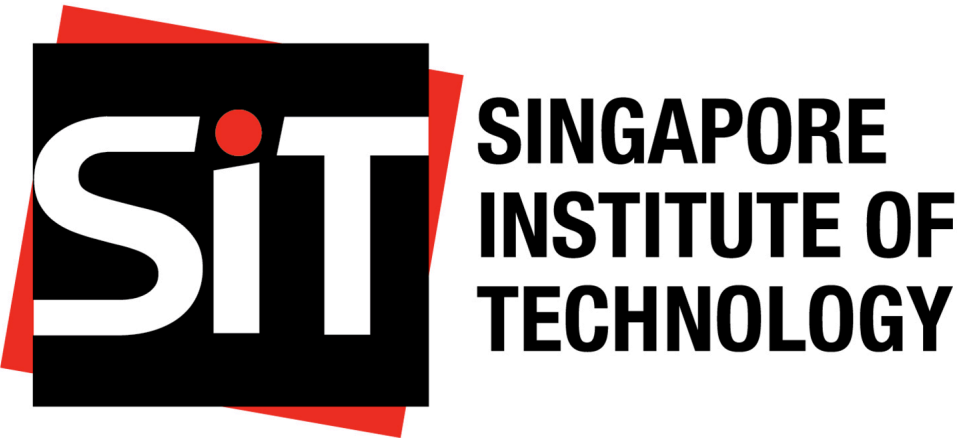


Visualizing Billion-Dollar Disasters in the USA (1980–2024)

Oh Jia Wei Darien, Peter Febrianto Afandy, Quek Joo Wee, Desmond Loy Yong Kiat, Rene Low Yi Xuan, Phileo Teo Weihan (SIT-UoG Computing Science)



INTRODUCTION

...

PREVIOUS VISUALIZATION

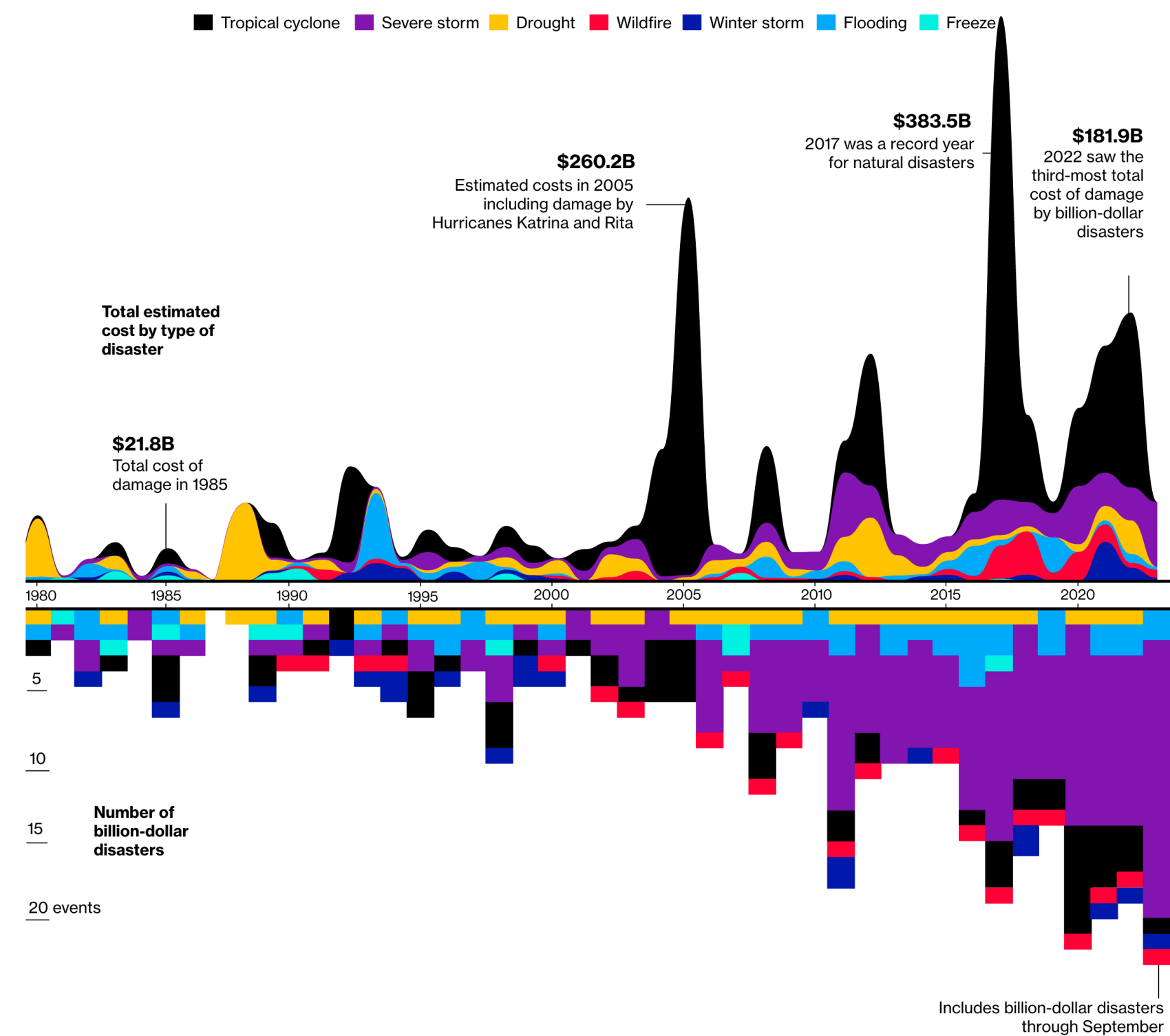


Figure 1: Frequency and Estimated Costs of Billion-Dollar Disasters in the USA by year, published by Bloomberg.

STRENGTHS

- ...
- ...

SUGGESTED IMPROVEMENTS

1. ...
2. ...

IMPLEMENTATION

Data

- ...
- ...

Software

We used the Quarto publication framework and the R programming language, along with the following third-party packages:

- *readxl* for data import
- *tidyverse* for data transformation, including *ggplot2* for visualization based on the grammar of graphics
- *knitr* for dynamic document generation

IMPROVED VISUALIZATION

...

FURTHER SUGGESTIONS FOR INTERACTIVITY

...

CONCLUSION

...