

## Aon (Impact Forecasting) and Columbia University: TC Project

# Phase 1

Adjustment(s) of current IF
Atlantic Ocean & Florida-only
hurricane event set

Results via Columbia's CHAZ model output (CMIP 5)

Landfall by category & region

#### Phase 2

Late 2021 / Early 2022

Frequency deltas between
Atlantic & W Pacific event sets
from IF (base) and Columbia
(climate change)

Results via Columbia's CHAZ model output (CMIP 6)

ATL storm parameter changes

#### Phase 3

Late 2022 / Early 2023

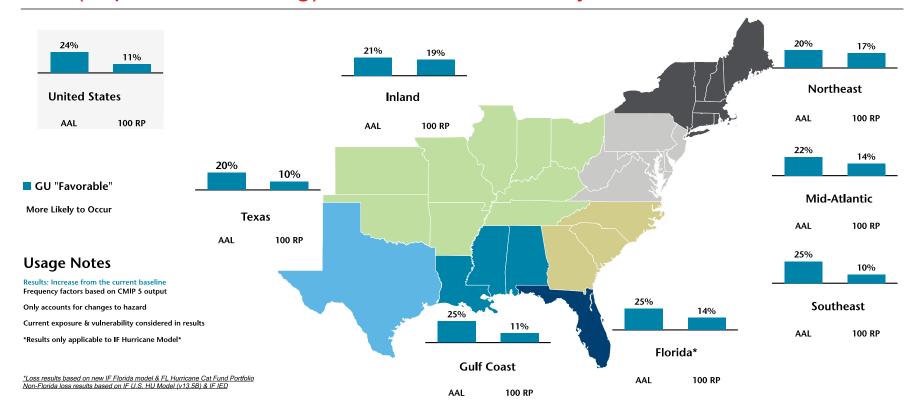
Detailed storm parameter changes in the Northwest Pacific Ocean (Japan)

Results via Columbia's CHAZ model output (CMIP 6)

New Australia event sets

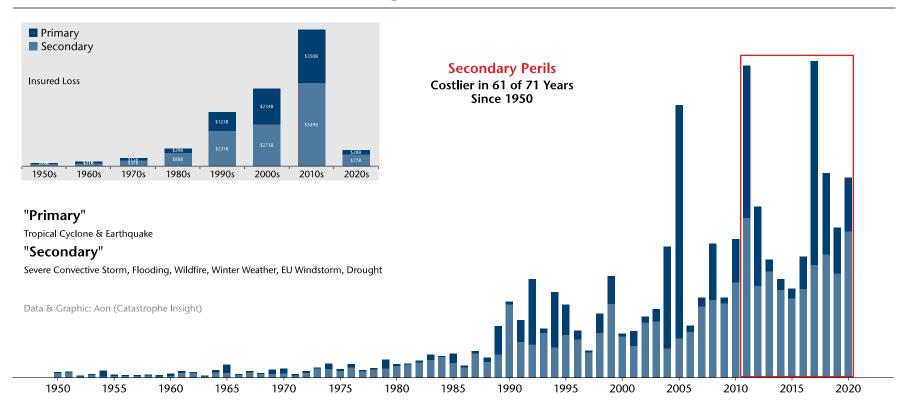


# Aon (Impact Forecasting) & Columbia University: Phase 1 Results





# Weather & Climate Risks Getting Costlier





## Climate Change: What the Future Holds



# Types of Risk

Physical Non-Physical (Transition) Litigation / Liability Supply Chain Reputational



#### **Socioeconomics**

**Shifting Populations** 

Food Insecurity

Geopolitical Concerns



#### Investment

Spend Money to Save Money

"Building to meet the impacts of yesterday is not a recipe to handle the impacts of tomorrow as event behavior grows more severe."



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