

A satellite image of Earth showing several large hurricanes or tropical storms swirling over the ocean. The colors are muted, with blues for the water and greens/browns for the land. In the top left corner, there is a solid orange horizontal bar.

# **Catastrophe Modeling Center of Excellence (COE)**

## **National Association of Insurance Commissioners**

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**May 2023**

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**Center of Excellence – National Association of Insurance Commissioners**



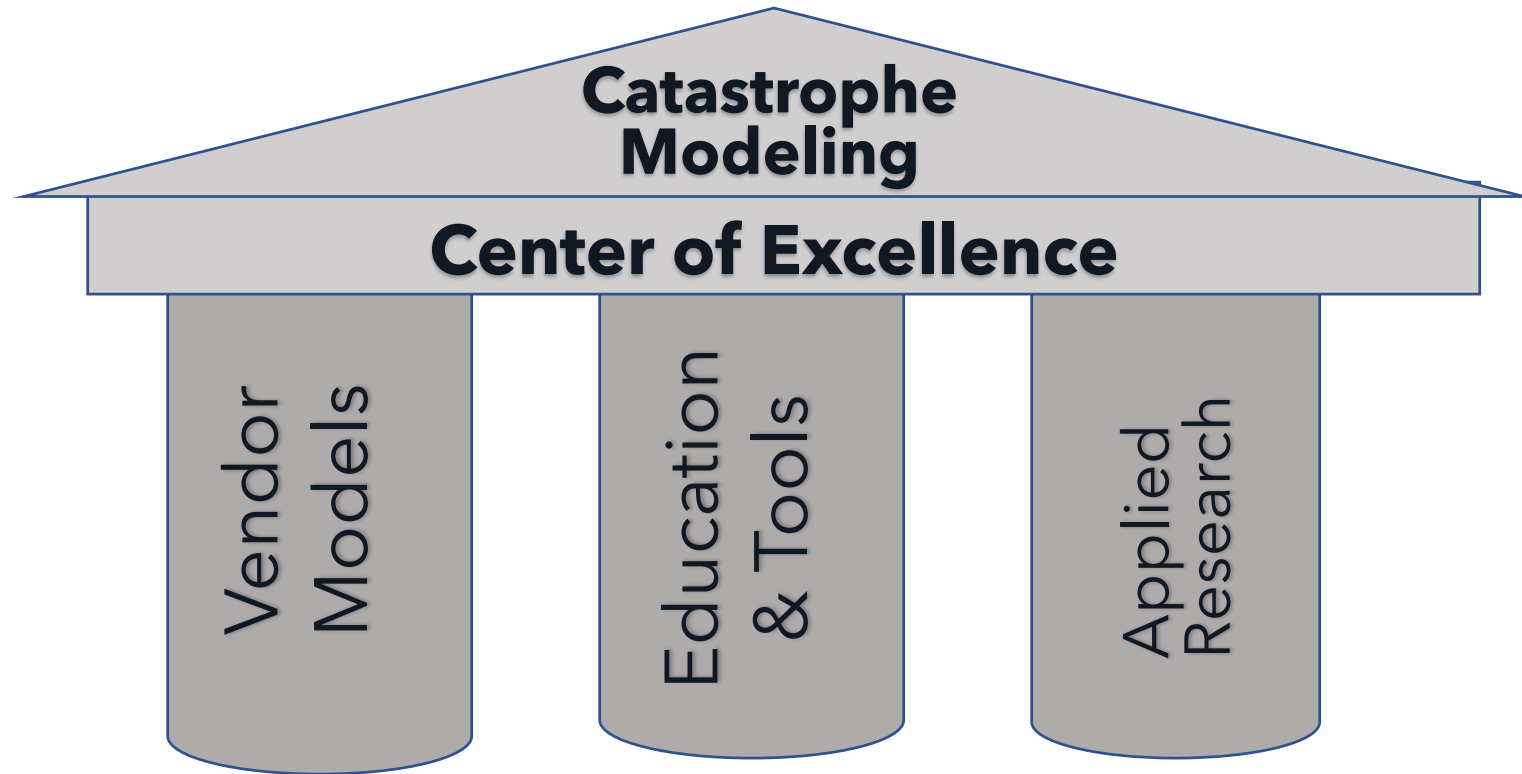
## Key Points:

- CAT Model Center of Excellence (COE) fully operational and staffed with CAT risk modeling and resilience subject matter experts
  - *Broader and different mandate than the NAIC model rate review team*
- Integrated and aligned well with the CAT modeling community
- Regulator oriented tools, training, and research are all well underway
- Engaged with individual state departments and NAIC committees



## MISSION STATEMENT

The purpose of the NAIC Catastrophe Modeling Center of Excellence (COE) is to **provide state insurance regulators with the necessary technical expertise, tools, and information to effectively regulate their markets.**





# Regulator Access to Catastrophe Modeling Information - *CAT COE SharePoint*



Casualty/Liability



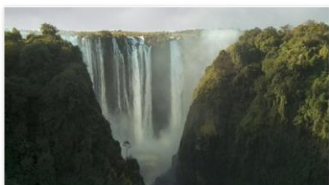
Climate Risk



Cyber



Earthquake



Flood



Hurricane



Severe Connective Storms



Wildfires



Winter Storms

- Access is restricted through a permissioned site and all regulators who wish to obtain access must sign a data use agreement.

## SharePoint Access Statistics

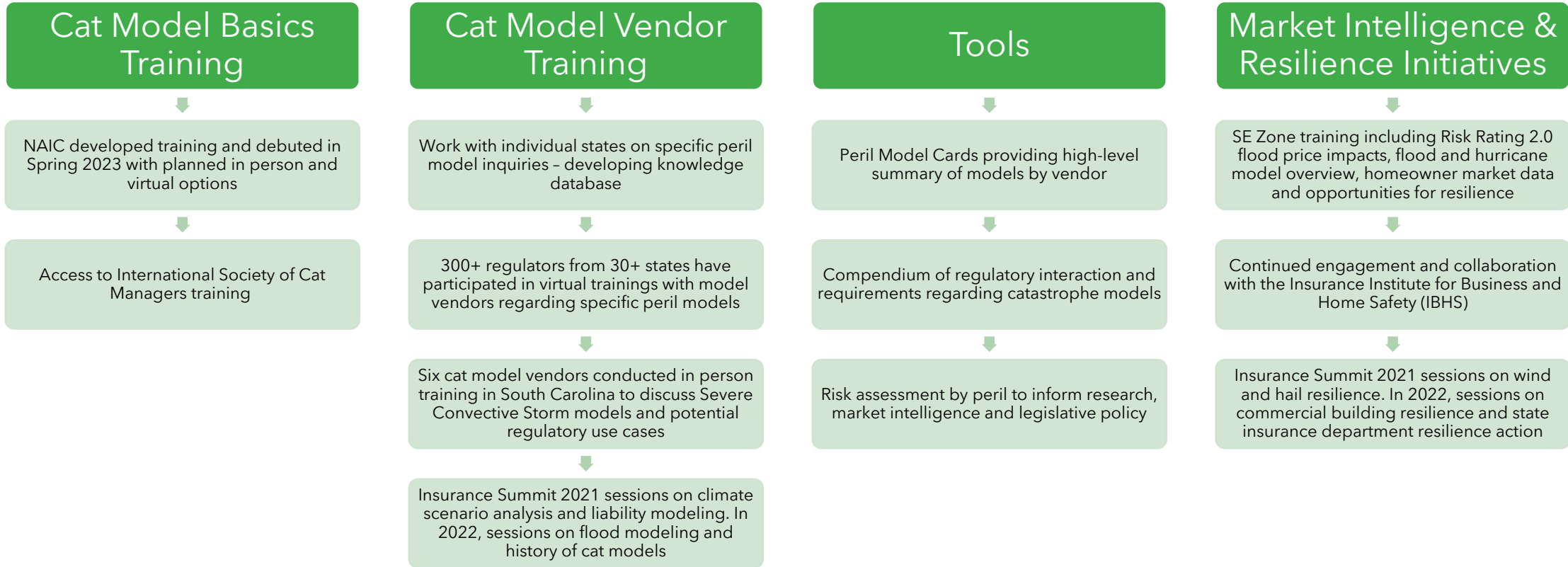
- **Signed contracts with 7 catastrophe model vendors and added available technical documentation to the Sharepoint site**
- Shared with 200 (+) identified regulators
- 27 States/Territories have obtained access to the site

**Regulators who would like access to the material should send an email to Amy Lopez at [alopez@naic.org](mailto:alopez@naic.org) requesting a link to sign the COE data use agreement.**

***Repository of model documentation, training materials, research papers and other tools for regulators.***



# EDUCATION AND TRAINING





# State Insurance Departments Focus on Improving Market Stability through Building Resilience

Reinsurance Association of America Cat Risk Management Conference

2022 & 2023

Federal Alliance for Safe Homes National Disaster Resilience Conference

2022

July 2022

Educational tours of the Insurance Institute for Business and Home Safety (IBHS) in July 2022, February 2023, and upcoming July 2023

Jan. 2023

South-East Zone Technical Training January 2023

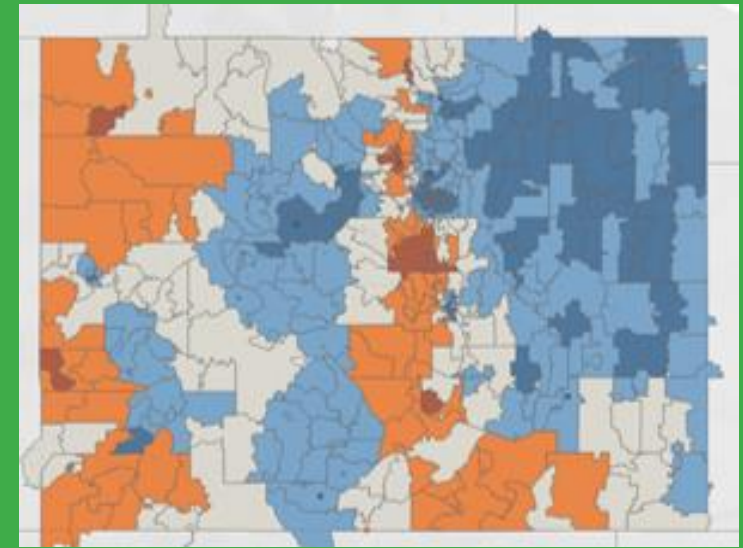






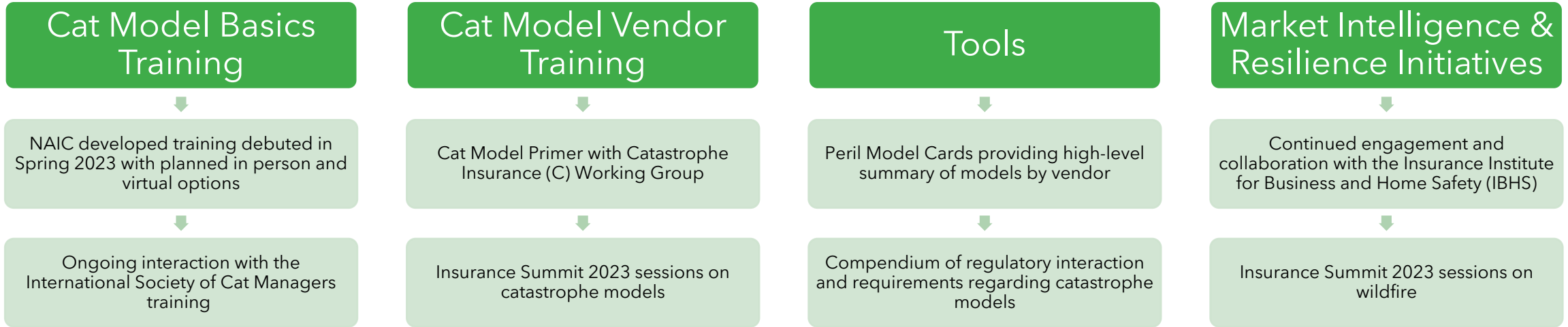
# Colorado Wildfire Probabilistic Risk Assessment

The CIPR CAT COE aims to provide insight to the Colorado Division of Insurance on the wildfire risk in Colorado by working with RMS.





# NEXT STEPS



***Lot's more work to be done - we look forward to continued interaction & guidance***





# Catastrophe Modeling Center of Excellence

**Providing regulators with technical expertise, tools, and information to effectively regulate their markets.**

<https://content.naic.org/research/center-of-excellence>

## Contacts

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