

FORMERLY CEEM

Verisk Certified Catastrophe Risk Modeler Program

Shaping expertise in catastrophe
modeling and risk management



The growing complexity of catastrophe risks has created a critical demand for skilled modelers. Boards, regulators, and rating agencies increasingly require robust risk management practices and confidence in modeling results. Verisk, a pioneer in catastrophe modeling for more than 30 years and trusted by 300+ organizations worldwide, established the Verisk Certified

Catastrophe Risk Modeler (VCCRM) Program to close this capability gap. Formerly the Certified Extreme Event Modeler™ (CEEM™) Program, its mission is to be a center of excellence for catastrophe risk management training and education.



The Verisk Certified Catastrophe Risk Modeler (VCCRM) Program equips professionals with the knowledge, tools and applied experience to model and manage catastrophe risk confidently, preparing them to deliver high-impact decisions and leadership in their organizations.

The program at a glance

Format

Hybrid (In-person, but online options are available in select locations)

Who should attend

Decision-makers and users who rely on catastrophe models to inform risk and business decisions.

Duration

1 Week

Alumni

Professionals from leading insurance organizations worldwide.

Certification

VCCRM

Who should attend

The VCCRM is an intensive and interactive program designed to equip professionals responsible for understanding and managing catastrophe risk.

Participants include:

Catastrophe modelers and risk analysts

Underwriters and actuaries

Portfolio and exposure managers

Insurance and reinsurance brokers

Insurance financial managers

Regulators



Key benefits and outcomes

More than end-user training, the VCCRM program provides a deep understanding of how catastrophe models are built, validated, and applied—including catalog generation, uncertainty and risk quantification, advanced analysis techniques, and interpreting model results.

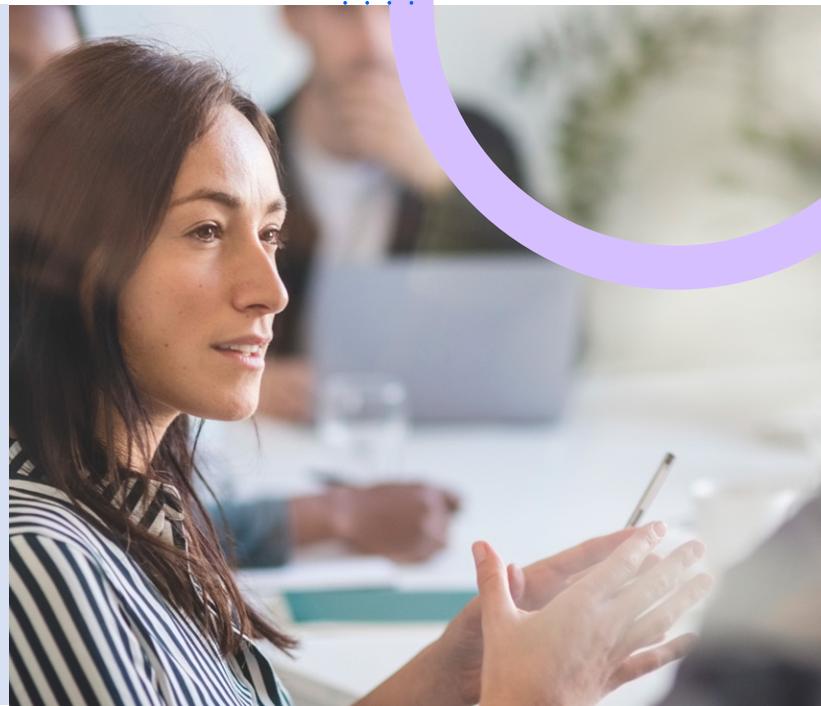
For participants

- Deeper understanding of the science and technology behind Verisk models
- Mastery in exposure data handling, validation, and optimization
- Insight into how modeling assumptions affect loss outcomes
- Efficiency in running, interpreting, and communicating model results
- Advanced practical skills using Touchstone® and Touchstone Re™
- Confidence in engaging with senior management and regulators on risk insights
- Recognition as a Verisk Certified Catastrophe Risk Modeler (VCCRM)

For employers

- Improved data quality control and validation
- Increased throughput and modeling efficiency
- Enhanced transparency in assumptions and sensitivities
- Stronger capability in complex portfolio and reinsurance modeling
- Sharper communication of catastrophe risk to boards and regulators
- Reliable, future-ready analytical talent that strengthens organizational resilience

Eligible for continuing professional development (CPD) credits from the **American Institute for Chartered Property Casualty Underwriters (CPCU)** and the **American Academy of Actuaries (AAA)**



Verisk Certified Catastrophe Risk Modeler program details

Program structure

The VCCRM Program delivers a rigorous, immersive, five-day experience combining expert-led lectures, live demonstrations, and hands-on exercises using Verisk's industry-leading catastrophe models and platforms.

Participants progress through the complete catastrophe modeling workflow—from event generation and exposure preparation to loss analysis and portfolio evaluation—ensuring they develop practical, end-to-end expertise.

Prerequisites

Participants are expected to have foundational knowledge of catastrophe modeling and Verisk software.

Those new to the field can complete online, self-paced tutorials introducing:

- The fundamentals of catastrophe modeling
- Core principles of Touchstone and Touchstone Re
- Overview of model frameworks, loss methodologies, and industry context



Core curriculum

Delivered by senior members of Verisk's Catastrophe and Risk Solutions team—many holding advanced degrees in geoscience, engineering, and statistics—the curriculum includes:

Core classes

The core sessions cover foundational and advanced modeling concepts through expert-led lectures on model theory, components, and assumptions; interactive demonstrations showing real-world modeling workflows; and hands-on exercises using Verisk's proprietary models and software tools.

Catastrophe and Risk Solutions models and perils

- Tropical Cyclone
- Earthquake
- Severe Thunderstorm
- Wildfire

Catastrophe and Risk Solutions products

- Touchstone
- Touchstone Re
- Verisk Synergy Studio™

Catastrophe and Risk Modeling fundamentals

- Interpreting Model Results
- Financial Modeling in Catastrophe Models
- Real-time Event Analysis

Certification exam

The program concludes with a comprehensive exam assessing mastery of technical and applied catastrophe modeling. Successful participants earn the Verisk Certified Catastrophe Risk Modeler designation, a credential recognized globally as a mark of excellence in catastrophe risk analytics.

Faculty

Each unit of the core curriculum is led by a senior Verisk professional from the Catastrophe and Risk Solutions team, experienced in the relevant topics. Teaching assistants support the instructors with on-demand, one-on-one tutorial support for the lectures and exercises. Periodic quizzes are also completed with faculty assistance to reinforce learning and retention.

Logistics and hospitality

For in-person programs, breakfast and lunch are provided on each of the five classroom days, with a welcome reception on Monday and a celebration dinner on Thursday. Dress code is casual.

Attendees are encouraged to arrive Sunday evening and depart Friday after 6:00pm.





Registration

The VCCRM sessions occur in multiple regions and time zones throughout the year.

To view the latest schedule and secure your seat, visit verisk.com/resources/certified-catastrophe-risk-modeler-program/.

Seats are limited and in high demand. We don't accept cancellations, but you may defer or transfer paid registrations within the same organization. For registration fees and group options, contact your Verisk representative.

Join the growing global network of Verisk Certified Catastrophe Risk Modelers—the professionals shaping the future of catastrophe risk management.

Secure your seat today.