

# Shape the Future of Actuarial Science Education!

## Join the CAS Global Case Study Creation Challenge in General Insurance Actuarial Science

**Submission Deadline: May 30, 2025**

Are you ready to make a lasting impact on general insurance actuarial education while gaining global recognition? The Casualty Actuarial Society (CAS) invites academics, industry professionals, and innovators to participate in the **Case Study Creation Challenge**. This is your chance to create cutting-edge teaching tools, inspire future actuaries, and win exciting prizes!

### Why Participate?

By joining this challenge, you will:

- **Develop dynamic case studies** to be used for a variety of educational purposes, bridging the gap between academic theory and real-world practice for actuarial students around the globe.
- **Enhance and diversify students' learning experiences** by introducing them to a broader range of actuarial work, equipping them with valuable skills that increase their appeal to future employers.
- **Contribute to a global library of teaching tools** covering a vast array of topics within the general insurance/property and casualty field.
- **Gain international recognition** as an innovator in actuarial education.
- **Win exciting prizes**, including: cash prizes, social media recognition, and the opportunity to present winning case studies at a CAS event.

**Continue reading for more information about this exciting opportunity.**



**CASUALTY  
ACTUARIAL  
SOCIETY**

# CAS Global Case Study Creation Challenge in General Insurance Actuarial Science

## Contest Terms and Conditions

**Deadline for Submissions: May 30, 2025**

The CAS Global Case Study Creation Challenge aims to expand and enrich our library of case studies that reflect real-world challenges in general insurance actuarial science. By contributing, you will play a vital role in enhancing the hands-on learning experience for university students worldwide, bridging the gap between theory and practice.

### About the Competition

Case studies should be on general insurance/property and casualty related actuarial science and data science/predictive analytics related topics, including but not limited to motor, property, commercial, product warranty, agriculture, microinsurance, etc. Submissions will become shared resources for educators, providing dynamic tools to enhance learning experiences in university actuarial programs.

All submissions will become the property of the Casualty Actuarial Society and shared with fellow educators through Academic Central to advance the field collectively. Writers will be properly credited in all uses of the material. Materials should be created by those submitting and not previously copyrighted. All materials must be in English.

### Who can participate?

We welcome faculty members teaching actuarial science or related courses, CAS University Liaisons, industry professionals, and innovators from around the globe to participate in this challenge.

We encourage partnerships between academia and industry. Collaborative efforts can produce well-rounded, impactful case studies that connect educational concepts to industry practice. Participants may provide more than one submission, either individually or as a part of a team.

### Contest Prizes

#### Cash Prizes

The top submissions will be recognized with prizes which may be granted to the individuals or their institution:

**1st Place: \$2,500 USD**

**2nd Place: \$1,000 USD**

**3rd Place: \$500 USD**

#### Global Recognition

The CAS will provide significant recognition to competition winners by showcasing their case studies prominently through Academic Central and highlighting their accomplishments on social media.

#### Speaking Opportunities

Winners may also be invited to present their submissions at a future CAS event.

*Depending on the number and quality of submissions, multiple prizes may be awarded at various levels.*

## Requirements for Case Study Submissions

To ensure the case studies are ready for classroom use, you will be requested to include the following elements during the submission process:

1. **Case Study Title and Summary:** Include a 2-3 sentence summary of the main objectives and format.
2. **Estimated Time Needed:** Provide guidance on the estimated time needed in total hours required for both in-class and any out-of-class activities. This will help instructors plan accordingly and adapt the case study to their course schedules.
3. **Learning Objectives:** Clearly outline what students should learn from the case study. Specify the skills they will develop, whether it's applying specific actuarial methodologies, conducting data analysis, or understanding industry-related decision-making processes.
4. **Case Content and Background:** Provide necessary background information, industry context, and assumptions to set the stage for the problem.
5. **Data Sets (Optional):** Include any data sets or references students will need to analyze the case, along with any assumptions or simplifications where applicable. The datasets provided must be in Excel format with clearly labeled headings and tabs. Any data should come from public data sources or be properly anonymized if from a private source.
6. **Guiding Questions and Prompts:** Supply specific questions and prompts to encourage students' critical thinking and problem-solving. These should lead students through the analysis process, focusing on evaluating risk, financial impact, and model development.
7. **Methods of Student Assessment:** Suggest ways to assess student performance and understanding. Consider different assessment types, such as written reports, group presentations, or model-based analyses, that instructors could adapt to their teaching style.
8. **Suggested Presentation Materials:** Include any slides or other visual aids that could assist instructors in introducing and framing the case study. These materials should make it easier for instructors to engage students and present the case study effectively.
9. **Teaching Notes and Solution Outline (Optional):** To further aid instructors, consider providing a solution outline or teaching notes with insights on guiding students through the case analysis. This helps professors facilitate discussions and evaluate students' grasp of key concepts.

The CAS reserves the right to ask clarifying questions and for some updates to materials prior to awarding prizes. The CAS may also modify or adapt materials for educational purposes.

**Link to Submit:**

[www.casact.org/article/cas-launches-case-competition-challenge](http://www.casact.org/article/cas-launches-case-competition-challenge)

**For questions, please contact [international@casact.org](mailto:international@casact.org).**



**CASUALTY  
ACTUARIAL  
SOCIETY**