AARON C. KOCH

FCAS, MAAA

Principal and Consulting Actuary

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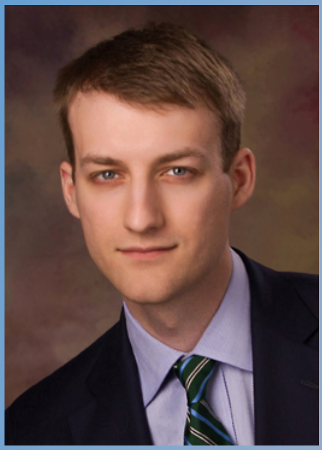

Current Responsibility

Aaron Koch is a principal and consulting actuary based in Northern Virginia. He joined Milliman in 2011.

Professional Work Experience

Aaron develops innovative solutions for the rapidly growing catastrophe risk and alternative capital markets. He works with leaders in these fields—including specialist hedge funds and reinsurers—to provide independent analyses for asset valuation, post-event loss reserving, and modeling of new or unusual risks to the ILS market. Aaron is a frequent writer and speaker on alternative financing structures for catastrophe risk.

Aaron's actuarial experience includes consulting for a diverse set of clients throughout the property and casualty insurance industry, including corporations and government entity risk pools. He frequently develops models for low-frequency, high-severity risks, e.g., property catastrophe and commercial liability risks such as product liability and medical malpractice.

Professional Designations

- Fellow, Casualty Actuarial Society
- Member, American Academy of Actuaries

Affiliations

CAS Joint Program Committee for Reinsurance Seminars (Chair 2020-2021; Vice-Chair 2018-2019)

Education

BA, Mathematics and BA, Philosophy, Dartmouth College

Presentations and Publications

Selected Presentations

- "COVID-19: Spotlight on Business Interruption." IFoA GIRO Webinar Series, 2021.
- "ILS Valuation and the Market Experience from Harvey, Irma, and Maria." ILS Convergence, November 2018.
- "Analyzing the Future of ILS: Independent Modeling for non-Cat Issuances." ILS Convergence, November 2017.
- "Locked Collateral: How Much is it Costing You?" ILS Convergence, November 2016.
- "On Beyond Cat Bonds: How Alternative Capital is Reshaping the Reinsurance Industry." CAS Webinar, February 2016.

Selected Publications

- "A tale of two catastrophes: Demand surge and inflation put property insurers in a bind." Milliman Insight, January 2022.
- "Casualty: The next ILS frontier?" Carrier Management and Insurance Journal, July/August 2018.
- "Non-NatCat insurance-linked securities: Identifying market opportunities for diversifying perils." Milliman Insight, November 2017.
- "Surveying the damage: The impact of Harvey, Irma, and Maria on the alternative capital market." Milliman Insight, October 2017.
- "Measuring the impact of 'locked collateral' on collateralized reinsurance returns." Milliman Insight, April 2016.
- "A new model for weathering risk: CDOs for natural catastrophes." CAS E-Forum, May 2015.