



**CIPR AND THE INSTITUTES
GRIFFITH FOUNDATION
PRESENT**

**Back to Basics: Climate
Risk – Physical Resilience**

**SEPTEMBER 20TH
12PM CENTRAL**

NAIC | CENTER FOR INSURANCE POLICY AND RESEARCH

Agenda:

- Welcome and Introductory Remarks - Eryn Campbell, NAIC Research Library Manager
- Current Climate Risk Landscape – Lars Powell, PhD
- Regulatory Perspective on Resilience and Mitigation – Brian Powell
- Creating Resilient Communities - Ian Giammanco, PhD
- Q&A - Moderated by Frank Paul Tomasello

Housekeeping items:

CE Information: Certificates will be emailed within two weeks. Attendees must stay for the duration of the webinar to receive credit.

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Speakers:

Lars Powell, PhD



Dr. Lars Powell is Director of the Center for Risk and Insurance Research (CRIR) at the University of Alabama. CRIR identifies and solves risk and insurance problems with research and education. CRIR also provides administration services to the Alabama Resilience Council. Dr. Powell has previously worked in both academic and industry roles. His research interests include loss mitigation, insurer capitalization, and the effects of regulation on insurance markets. Lars is currently Vice President of the American Risk and Insurance Association, a past President of the Risk Theory Society, and former Editor of the *Journal of Insurance Regulation*. He serves on advisory boards for the NAIC Center for Insurance Policy Research, and Smart Home America. He earned undergraduate degrees from the University of South Carolina, and a Ph.D. in Risk Management and Insurance from the University of Georgia.

Brian Powell

Brian has been with the Alabama Department of Insurance since 2006 and with the Strengthen Alabama Homes program since its inception in 2013. He continues to serve as the Founding Director of the Strengthen Alabama Homes program.

Brian recently was appointed to oversee the development, implementation and direction of the newly formed Office of Risk and Resilience at the Alabama Department of Insurance. This office is innovative in its design within a government agency to actively create opportunities to help solve issues within the insurance industry in Alabama. By assessing insurance market issues, determining market vulnerabilities, the office is tasked to create and implement risk controls to help sustain a healthy insurance market in Alabama.

Brian currently serves on the National Association of Insurance Commissioners (NAIC) Climate and Resiliency Task Force, and a member of The NAIC Modeling Center for Excellence Advisory Council. Brian is Alabama's representative on Central United States Earthquake Consortium (CUSEC), and the Alabama Resiliency Council (ARC) recently established by Alabama's Governor Kay Ivey.

Brian earned undergraduate degrees in political science and business from Troy University, Master's Degree in Business (MBA) from Auburn University and the Certified Public Manager (CPM) designation from the National Certified Public Manager Consortium. Brian is a United States Army Veteran and for the past 35 years, has been in continuous public service roles to the State of Alabama.





Ian Giammanco, PhD

Dr. Ian Giammanco is currently the Sr. Director for Standards and Data Analytics and a Lead Research Meteorologist at IBHS. Dr. Giammanco holds a B.S. in Atmospheric Science from the University of Louisiana at Monroe, and an M.S. and Ph.D. from Texas Tech University in Atmospheric Science and Wind Science and Engineering respectively. Dr. Giammanco joined IBHS in 2010 and joined the IBHS executive leadership team in 2018, leading the IBHS Product Design team. In 2022, Dr. Giammanco took on a new challenge, building the IBHS Standards and Data Analytics team. This team is responsible for IBHS activities in building codes, testing standards, and applied data analytics research. In addition, to his executive leadership responsibilities, Dr. Giammanco is a Lead Research Meteorologist and continues to guide strategic research initiatives related to the IBHS core research perils of hail, wind, wind-driven rain, and wildfire. Dr. Giammanco has over 19 years of meteorological field research experience, participating in numerous hurricanes, severe storm, and tornado research projects. He and the IBHS team were the first group to publish results quantifying the strength of hailstones and pioneered the use of 3D laser scanning technology to create digital models of natural hailstones. Dr. Giammanco was also part of the team that developed the IBHS hail impact testing protocol and asphalt shingle hail impact ratings program. In addition to his position at IBHS, Dr. Giammanco is an Adjunct Faculty Research Associate at the National Wind Institute at Texas Tech University and a Research Affiliate at the University of Florida. He was a charter member of the American Meteorological Society's committee on Weather and Climate Financial Risk Management, served on the National Weather Association's Publications committee, and currently is serving on the AMS Committee on Engineering Resilient Communities and on the editorial board of the scientific journal "Frontiers".



Moderators:

Eryn Campbell, MLS

Eryn Campbell is the Research Library Manager at the NAIC where she conducts research for NAIC members, regulators, and staff and maintains a specialized and historic collection of nearly 10,000 items. She also manages the Journal of Insurance Regulation and the NAIC Research Fellows Program. Prior to joining the NAIC in 2014, she was a medical librarian at a regional health system. She serves on the boards of the Society of Insurance Research and the Kansas City chapter of the Special Libraries Association. Eryn holds a Master of Library Science from Emporia State University, a Bachelor of Arts in English from Southern Nazarene University and a paralegal certificate.





Frank Paul Tomasello, JD

Frank Paul Tomasello, J.D., is Executive Director of The Institutes Griffith Insurance Education Foundation (“The Institutes Griffith Foundation”), a 501(c)(3) not-for-profit, non-advocative organization that provides objective and non-partisan insurance education to public policymakers. He oversees the work of this affiliate of The Institutes and is responsible for advancing strategic plans, serving as a liaison to the Board of Directors and Advisory Council, and interacting with both internal and external stakeholders to further The Institutes Griffith Foundation’s mission.

Prior to joining The Institutes Griffith Foundation in 2014, he held leadership roles at the American Law Institute-American Bar Association Committee on Continuing Professional Education (now known as ALI-CLE), a non-profit organization dedicated to educating lawyers.

Tomasello was educated at Duquesne University School of Law. There he served as a member of the Duquesne Law Review and received the “CALI Excellence for The Future Award” for his achievements in the study of advanced legal research and writing. He practiced law in his native Pittsburgh before transitioning to a career in the non-profit realm.



Suggested Reading:

Center for Insurance Policy and Research (2023). [Climate and Catastrophe Risk Topic Page](#)
Insurance Institute for Business & Home Safety (2023) [Disaster Safety Guidelines](#)
Insurance Institute for Business & Home Safety (2023) [Disaster Discussions Podcast](#)
Insurance Institute for Business & Home Safety (2023) [Reduce Hail Losses](#)
Alabama Center for Insurance Information and Research (2023) [Estimating the Economic Value of FORTIFIED™ Multifamily Construction](#)
Insurance Institute for Business & Home Safety [Fortified Home – High Wind & Hail](#)
Federal Emergency Management Agency (FEMA) (2023), [Climate Resilience](#)
The National Oceanic and Atmospheric Administration [U.S. Climate Resilience Toolkit](#)
Center for Insurance Policy and Research (2023) [State Resiliency Map](#)
NAIC/CIPR Library (2023) [Climate, Catastrophe, and Resilience Library Resources](#)
CIPR (2023) [Catastrophe Modeling Center of Excellence](#)
National Association of Insurance Commissioners (2021) [Adaptable to Emerging Risks: The State-Based Insurance Regulatory System is Focused on Climate-Related Risk and Resiliency](#)