Agenda for CAS Asia Regional Affiliate (ARECA) Singapore Seminar
October 7, 2015
9th Floor at Guy Carpenter
8 Marina View, Asia Square Tower 1

Morning

9:00-9:15 **Registration**

9:15-9:20 **Welcome Address**
Michael Owen Managing Director, Guy Carpenter Singapore

9:20-9:30 **Opening remarks and introduction of new CAS Asia Regional Affiliate: ARECA**
Tony Gu VP, AXIS Re Asia Pacific

9:30-10:00 **CAS roadmap for the future: the CAS strategic plan**
Bob Conger International Ambassador and Past President, CAS

10:00-10:30 **Correlation within a Company's Capital Model**
Michael Owen Managing Director, Guy Carpenter Singapore

10:30-10:45 Tea Break

10:45-11:15 **Catastrophe Modelling : From Inception to Advancement**
Apoorv Dabral Manager, AIR Worldwide Singapore

11:15-11:45 **Structured Reinsurance**
Hussain Ahmed VP, Swiss Re Singapore

11:45-12:15 **Agricultural (Re)insurance Overview in Asia**
Deng, Yu VP, Swiss Re Singapore

12:30-2:00 **Lunch at Seasonal Tastes, Westin, 32nd floor, Asia Square Tower 2**

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Afternoon

2:00-2:30	**Actuaries, Heartbeat of GI Companies** Frederic Weber Chief Actuary, AXA Insurance Singapore
2:30-3:00	**Introduction to credit rating and A.M. Best rating methodology** Moungmo Lee Managing Director, A.M. Best Asia Pacific
3:00-3:15	Tea Break
3:15-3:45	**Profit, growth and risk – an ERM view** Richard O'Brien Chief Risk Officer, AIG Asia Pacific
3:45-4:15	**The Prediction of Casualty** David Hardoon Executive Director, Azendian Solutions
4:15-4:45	**2015 Market Update & Insights for Non-Life Actuaries** Jason Sykes Managing Director, HFG
4:45-5:00	Tea Break
5:00-5:45	**Panel Discussion:** **Bridge the gap between analytics and business – how analytics adds more value** *Moderator :* Bob Conger International Ambassador and Past President, CAS *Panelists:* Frederic Weber Chief Actuary, AXA Insurance Singapore Moungmo Lee Managing Director, A.M. Best Asia Pacific Ben Liang VP, Berkshire Hathaway Re Asia Pacific Shaun Wang Professor, Nanyang Business School, NTU
6:00-	**Drinks at Exchange, 1st Floor, Asia Square Tower 1**

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Biographies

Richard O'Brien

Richard O'Brien serves as Chief Risk Officer for AIG in the Asia Pacific region. He is currently based in Singapore. He is responsible for Enterprise Risk Management across all of AIG's businesses in the region.

Richard assumed this role in November 2011. He joined AIG in New York in 2007 in a regional capital management role, and was based in Hong Kong from 2008 until 2010.

Prior to joining AIG, Richard worked for General Motors' Treasury Department in New York, with rotations through capital management, debt capital markets, and pension funding. Additionally, he has worked for Morgan Stanley London in its UK M&A group.

Richard has a degree in Finance from the National University of Ireland, Cork, and an MBA from Cornell University.

Jason Sykes

Jason Sykes is the Managing Director of HFG, a specialised insurance recruitment firm with offices in London, Singapore and Hong Kong. Jason co-founded HFG in 2003 and spent his early career establishing the company's brand and reputation in the London insurance market. He has recruited globally in the insurance industry for the past 15 years before relocating to Singapore in December 2013 with the aim of strengthening HFG's footprint in Asia. Jason works very closely with non-life actuaries and catastrophe professionals across the region, as well as leading board-level executive search assignments for both life and non-life insurers.

Dr. Apoorv Dabral

Dr. Apoorv Dabral is a Manager with Research and Modelling at AIR Worldwide, Singapore. He is responsible for assisting clients with the understanding of AIR's Asia-Pacific catastrophe models and supports the development of models in the region. While working for AIR's research department, he helped develop the Builder's Risk model and studied regional and temporal variations in wind vulnerability in Hawaii and the Caribbean territories. He has also participated in post-disaster damage surveys for Hurricane Irene and the 2008 California wildfires. Apoorv earned a B.S. in Civil Engineering from Pune University, India, and an M.S. and Ph.D. in Civil Engineering from Texas Tech University. While at Texas Tech, he participated in damage surveys for Hurricane Katrina and Rita.

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Hussain Ahmad

Hussain Ahmad is a Fellow of the Casualty Actuarial Society and a Fellow of the Singapore Actuarial Society.

He works as Structurer at Swiss Re in Singapore, where he advises clients on effectively using reinsurance to achieve strategic objectives. Over the years, Hussain has worked and advised on projects in over 15 countries, on a broad range of issues including pricing, reserving, capital management and M&A.

Hussain holds an MFin degree, with Distinction, in Financial Engineering from The University of Hong Kong; and a BSBA, with Magna Cum Laude, in Actuarial Science from Drake University.

Moung Mo Lee

MM Lee is the managing director of analytics at A.M.Best Asia-Pacific (Singapore) Pte. Ltd. MM has been with A.M. Best since 2001. He is responsible for the analytics of A.M. Best's ratings in the Asia-Pacific region. Prior to assuming his current role, MM served as the lead analyst for numerous companies in A.M. Best's Asia-Pacific portfolio.

MM received his master degree in economics from Seoul National University. MM speaks Korean, English and German.

Michael Owen, FCAS, MAAA

Michael Owen is a Managing Director heading the analytical team supporting Asia Pacific. He joined Sedgwick Re in 1998, which later merged with Guy Carpenter and Company, following a four-year tenure as a consultant and Tillinghast-Towers Perrin.

For the past 15 years he has focused on business in Asia Pacific with an emphasis on business in Japan, Greater China and India. His typical work products have included dynamic financial analysis, catastrophe modelling, reinsurance contract design and analysis and capital allocation studies for most lines of business.

He is a Fellow of the Casualty Actuarial Society and is working in Guy Carpenter's Singapore office.

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Frederic Weber

Frederic Weber joined AXA Insurance Singapore in March 2008 and was appointed to his current role in January 2010. He leads a team in charge of Valuation, Data analytics, Product Development and Pricing across a wide range of business lines: Motor, Property, Liability, Marine, Travel, PA, Health, etc.

Prior to joining AXA Singapore, Frederic started his career in 2004 within AXA France, moved to AXA Headquarters Group Risk Management and AXA Liabilities Managers.

Frederic is Fellow of the Singapore Actuarial Society and one of its Council members.

As an active member of the SAS General Insurance Committee, he regularly meets his industry peers to discuss topical issues and organizes the SAS GI Conference.

Chairing the SAS Education Committee since March 2014, Frederic is always keen to support young talents to join the General Insurance Industry.

Dr. David R. Hardoon

Dr. David R. Hardoon is an Executive Director at Azendian Solutions Pte. Ltd. where he heads up the advanced analytics practice and is responsible for the positioning of business analytics advisory and services to clients across different business sectors across the region. Previous to his current engagement he had established expertise in developing and applying computational analytical models for business knowledge discovery and analysis through his involvement in a number of research projects in the domains of taxonomy, neuroscience, aerospace and finance. He received a B.Sc. in Computer Science and Artificial Intelligence with first class honors at Royal Holloway, University of London in 2002 and a PhD in Computer Science in the field of Machine Learning from the University of Southampton 2006. He is currently an Adjunct Faculty at School of Information Systems, Singapore Management University and an Honorary Senior Research Associate at the Centre for Computational Statistics & Machine Learning, University College London.

David regularly tutors, advises and provided consulting support in Analytics and Business Analytics. More can be found on www.davidroihardoon.com

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Yu Deng

Yu joined Swiss Re Singapore Branch as the Senior Underwriter Agriculture in September 2013.

Before joining Swiss Re, Yu was an Analytics Director at a major reinsurance broker in Singapore since 2010, specializing in agricultural insurance/reinsurance related analytics. Yu also had a 2-year stint as a credit risk manager for an international bank's agribusiness lending portfolio in China. Yu started his career in agricultural insurance with Agriculture Financial Services Corporation in Canada where he worked as an actuarial analyst (L2) in the Actuarial and Program Development Unit. The programs he has participated in rating and designing include Multi-peril Crop Insurance, Hail Insurance, Weather and Satellite Index Insurance, Margin Coverage, and Livestock Price Insurance.

Yu has a Master Degree in Natural Resource Economics from the University of Alberta, Canada. He is a CFA charter holder and also holds a Financial Risk Manager (FRM) designation.

Bob Conger

Bob Conger is a Fellow and international ambassador of the Casualty Actuarial Society, a Member of the American Academy of Actuaries, and an Honorary Fellow of the UK Institute of Actuaries. He is a Past President of the CAS, and also served the CAS as Chairman of the Board, as Vice President-Administration, and as an elected Board member.

Ben Liang

Ben Liang graduated from University of California at Berkeley where he obtained a BA degree in Economics. He became an Associate of the Casualty Actuarial Society in 2005. Since 1999, he has worked in insurance, broking and reinsurance companies holding positions in actuarial pricing & reserving, broking and treaty underwriting. Ben is currently working in Berkshire Hathaway's reinsurance department focusing on writing treaties in Asia. He is based in Singapore.

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Dr. Shaun Wang

Dr. Shaun Wang is Professor of Actuarial Science at Nanyang Business School (NBS), Nanyang Technological University (NTU).

Dr. Wang is an internationally renowned expert on quantitative risk modeling and enterprise risk management. He has published over 30 refereed scholarly papers in top actuarial and insurance journals including the ASTIN Bulletin, the Journal of Risk and Insurance, The North American Actuarial Journal, and Insurance: Mathematics and Economics. Several of his papers received international awards, including the 2010 Robert Mehr Award by the American Risk and Insurance Association, and "most citations". He is the inventor of the "Wang Transform", a widely-cited actuarial formula for pricing risks.

From 2013 to 2015, Dr. Wang held the position of Deputy Secretary General for the Geneva Association – the leading international insurance think tank whose membership comprises 80 CEOs of the world's top insurance and reinsurance companies. Dr. Wang oversaw the research programs for the Geneva Association, including extreme events and climate risks, global aging, and international insurance regulation. From 2004 to 2013 he joined the faculty of Georgia State University's Robinson College of Business, where he was granted tenure and promoted to Full Professor of Actuarial Science in 2007 with the endowment of the Thomas P. Bowles Chair. From 1997 to 2004, he worked for SCOR U.S. Reinsurance Co as actuary and research director. Dr. Wang was an Assistant Professor of Actuarial Science at both Concordia University (1993-1994) and the University of Waterloo (1994-1997).

Dr. Wang led several international symposiums on risk and capital topics. He was invited to deliver a Capitol Hill briefing in Washington D.C. on "The Financial Crisis and Lessons for Insurers" on September 29, 2009. He has also served as Editor of the ASTIN Bulletin and editorial boards of several leading journals.

Dr. Wang received a PhD in Statistics from University of Waterloo, Canada in 1993, and an MSc in Statistics from University of Saskatchewan, Canada in 1991. He also received BSc and MSc degrees in Mathematics from Peking University, China in 1986 and 1989 respectively. He earned the professional designation of Fellow of the Casualty Actuarial Society in 2001.

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Venue Courtesy of Guy Carpenter

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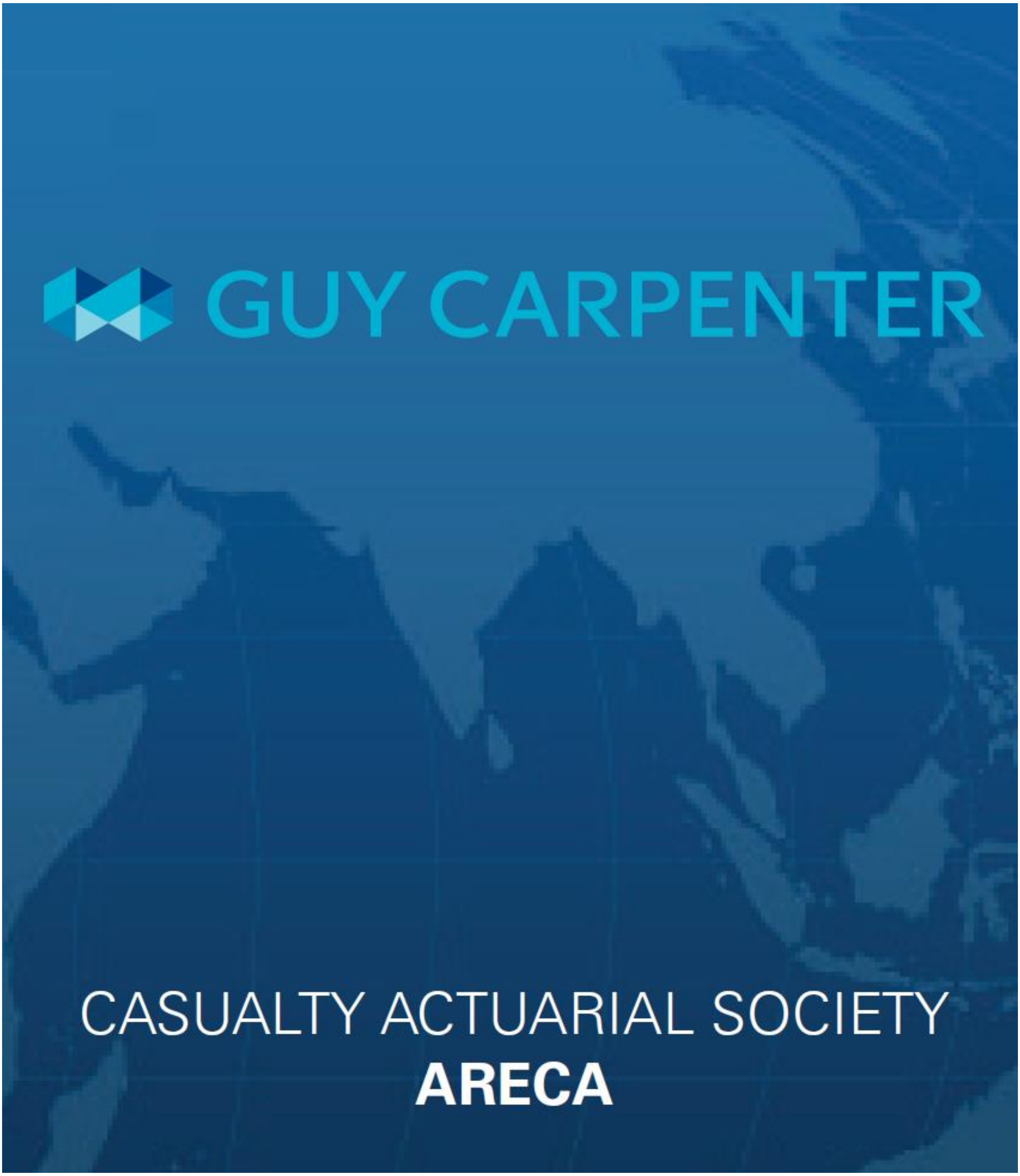

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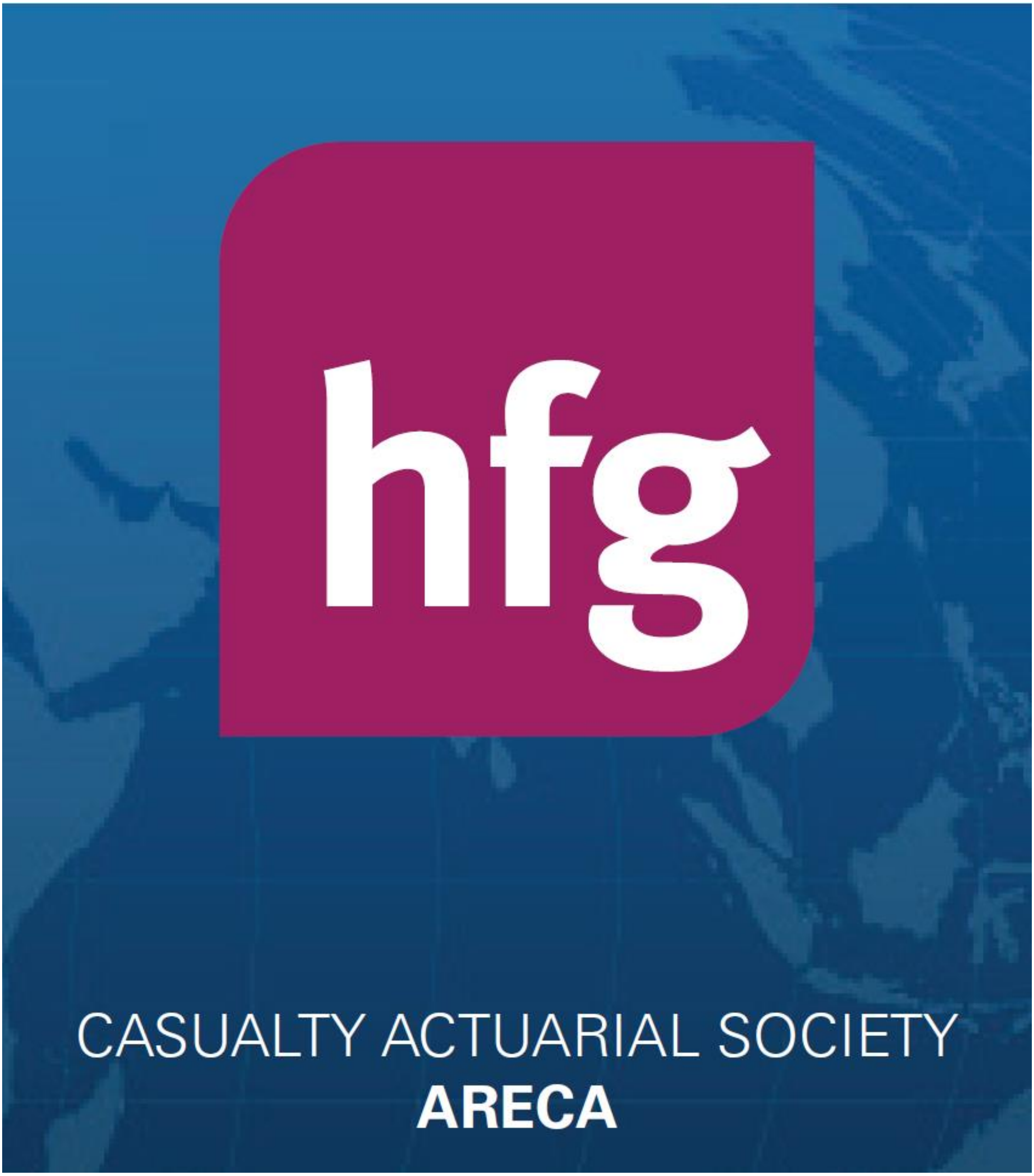

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