


MANAGING EXTREMES **Willis Re** **INTERNATIONAL CASUALTY AND EMERGING RISK METHODS**


CARe Seminar
May 21-22, 2014
New York, NY



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2

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Three separate topics will be presented

1. Moving beyond history: A loss driver approach to projecting and quantifying casualty exposure from work done in Zurich. Swiss Re developed the Liability Risk Drivers (LRD) model, a comprehensive model for commercial liability risks. This model calculates expected loss costs starting from a set of loss scenarios, assesses the impact of key risk factors, and evaluates the effect of (re)insurance terms and conditions.
2. Overview of the Canadian Casualty market, highlighting the key differences with the US by line of business, tort environment, considerations for cross-border exposures, etc.
3. Overview of the China Insurance Regulatory Commission risk oriented solvency system (C-ROSS), exploring solvency frameworks, capital modeling, and other elements of this newly evolving system.



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<u>Introductions</u> Rachel Abramovitz , Vice President, Willis Re	5 mins
<u>Moving beyond history</u> Eric Huang , Vice President, Senior Casualty Modeler, Swiss Re	20 mins
<u>Overview of the Canadian Casualty market</u> Nicholas DePalma , Senior Actuary, Swiss Reinsurance Company Ltd, Canadian Branch	20 mins
<u>Overview of C-ROSS</u> Li Zhang , Actuary, CPR / China Re P&C	20 mins
Questions	10 mins



Speaker Bios



5

Eric Huang

- Eric Huang joined Swiss Re in 2011 and is currently working in the Casualty R&D unit as a Senior Modeler. Eric's area of interests is data driven modeling and analytics and have 12 years' experience in quantitative modeling. Prior to join Swiss Re, Eric worked in several insurance companies in US and Canada focusing on commercial line pricing and underwriting research.
- Eric has a master's degree in Statistics and a PhD in Mathematics. He is a Fellow of the Casualty Actuarial Society (FCAS).



6

Nicholas De Palma

- Nick De Palma is Vice President and Senior Treaty Underwriter with Swiss Re Canada. He has 9 years of reinsurance experience, having joined Employers Re in 2005 and subsequently Swiss Re in 2006 following their acquisition of GE insurance.
- For the past 6-7 years, he has been costing and underwriting Canadian casualty treaties, but was previously responsible for reserving and capital adequacy testing.
- Prior to joining Swiss Re, Nick had 10 years of primary market experience with a couple of Canadian companies in various actuarial pricing and reserving roles.
- He holds a Bachelor of Mathematics degree from the University of Waterloo and is a FCAS and FCIA (Fellow of the Canadian Institute of Actuaries).



Li Zhang

- Li Zhang is Director of China Re P&C Insurance Experience Research Center. He joined China Re P&C in 2011 working as a senior actuary, and in 2013 he became director of China Re P&C insurance experience research center. His main areas of expertise include pricing, data mining, cat modelling, economic capital modeling, and risk management.
- Prior joining China Re P&C, Li was a senior actuarial analyst at ISO working on auto insurance and specialty commercial line pricing.
- He holds a PhD degree in Chemistry from University of California at Riverside and a Master Degree in Mathematical Finance from Rutgers. He is a FCAS, MAAA, and also a Fellow of China actuarial Association(FCAA)



Rachel Abramovitz

- Rachel Abramovitz is a member of the Willis Re Actuarial department in New York. She is responsible for actuarial analysis and reinsurance optimization for Willis Re clients with a focus on Casualty lines.
- Prior to joining Willis in 2010, Rachel worked at Liberty International Underwriters, responsible for Program Business and Specialty Casualty pricing. Rachel began her career at AIG in 2004, focusing on large account pricing of Workers' Compensation, General Liability and Auto Liability risks.
- Rachel is a Fellow of the Casualty Actuarial Society and a Member of the American Academy of Actuaries. She holds a Bachelor's degree in mathematics from Colgate University.



THANK YOU!

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