



Catastrophe Indices and Quantification Inc.

Laura Twidle, Director of Catastrophic Loss Analysis

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CatIQ Background

- **CatIQ delivers:**
 - **detailed analytical, insured loss and exposure estimates**
 - **meteorological information**
 - **subscriptions at www.catiq.com**

- **CatIQ is committed to continuous R&D and improvement**

CatIQ Background

- **CatIQ tracks and monitors potential CATs**
- **>\$25M insured losses = CAT**
- **CatIQ produces a bulletin, footprint and media (CAT & NE)**
- **Collects company loss data**
 - **By province and LOB**
- **Estimate intervals:**
 - **Initial**
 - **45-day**
 - **90-day (detailed)**
 - **180-day (detailed)**
 - **1-year (detailed)**
 - **2-years (if >\$500M)**

2018/2019 Advisory Committee

- **Glenn McGillivray**, Managing Director, ICLR
- **Paul Cutbush**, SVP Catastrophe Management, Aon Benfield Analytics
- **Sean Russell**, Managing Director, Guy Carpenter Ltd.
- **Eric Steen**, EVP, JLT Re Canada
- **Chris Rol**, Senior Policy Advisor, IBC
- **Rebecca Wagner**, Associate Director, Meteorological Service of Canada, Environment and Climate Change Canada
- **Alison Porter**, SVP, Head of Treaty, SCOR
- **Mazdak Moini**, VP Commercial Lines & Reinsurance, Aviva Canada
- **Alex Todd**, Property and Special Risks Executive Canada, AIG
- **Kim Court**, Director, Catastrophe Exposure Analysis, Northbridge Financial Corporation
- **Ryaz Mohamed**, Director, Corporate Reinsurance, The Co-operators
- **Balz Grollimund**, Head Treaty Underwriting, Swiss Re

Important Weather & Climate Extremes

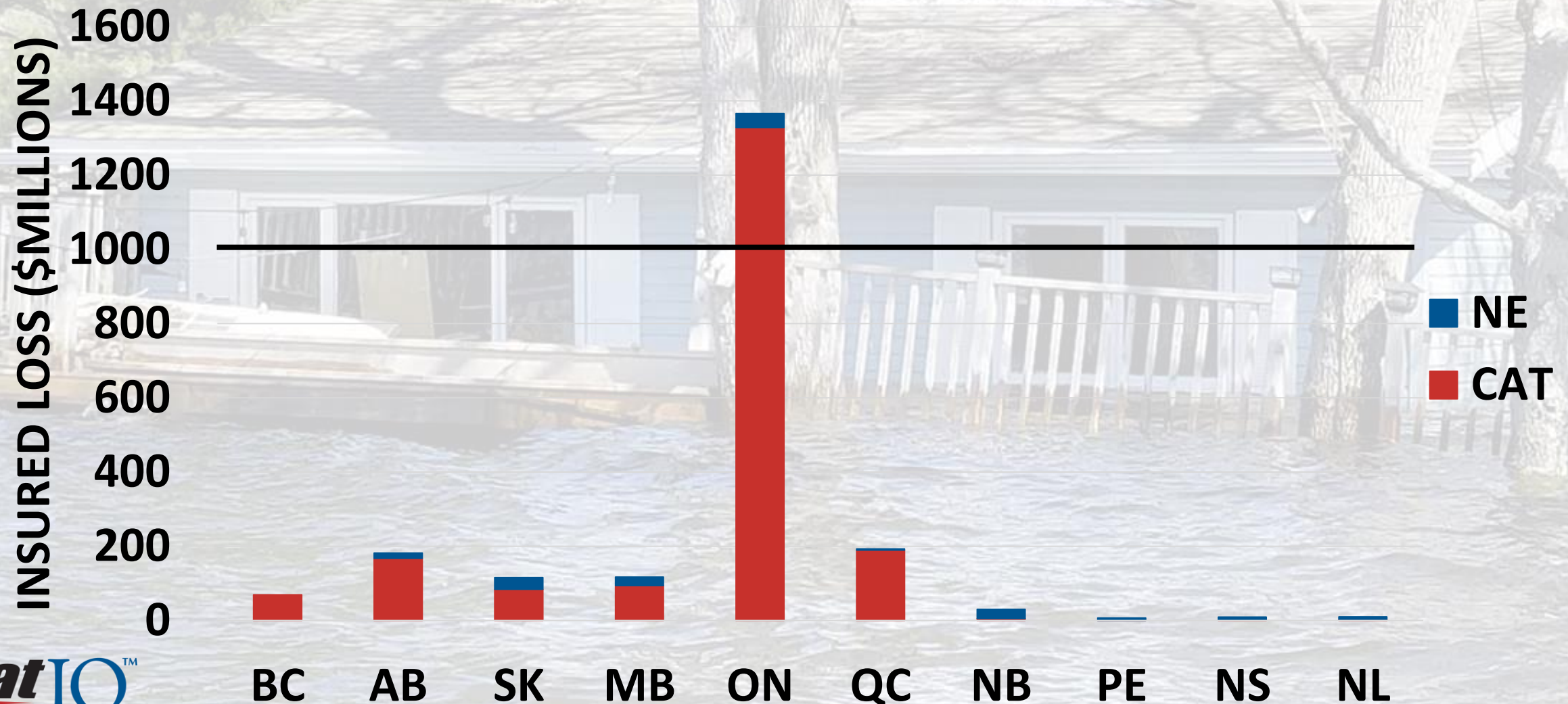
Weather:

- **Total rainfall <24h**
- Wind gusts
- **Ice accretion**
- **Severe thunderstorm**
 - Hail
 - Wind gusts
 - **Flooding**

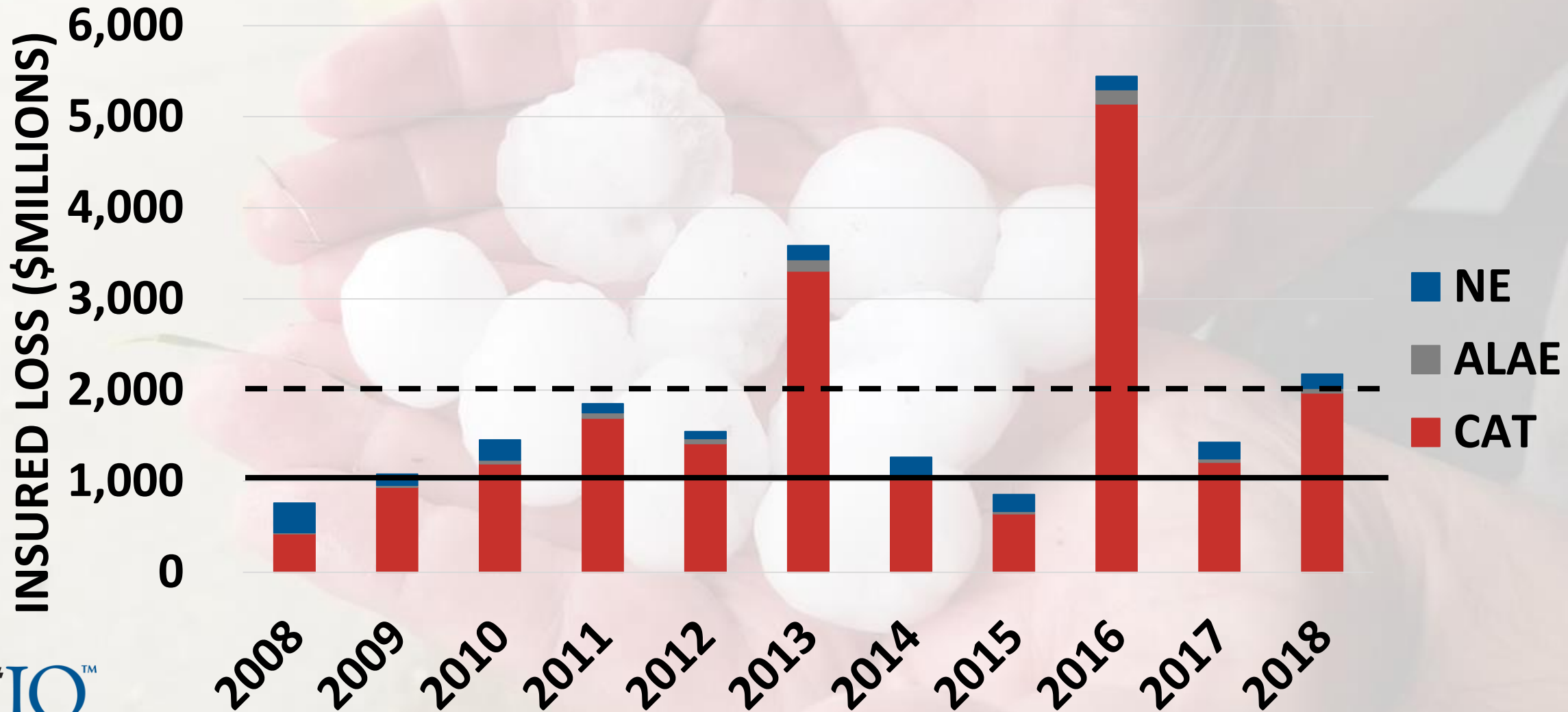
Climate:

- **Precipitation outlooks (spring flooding/summer wildfires)**

2018 Insured Loss by Province



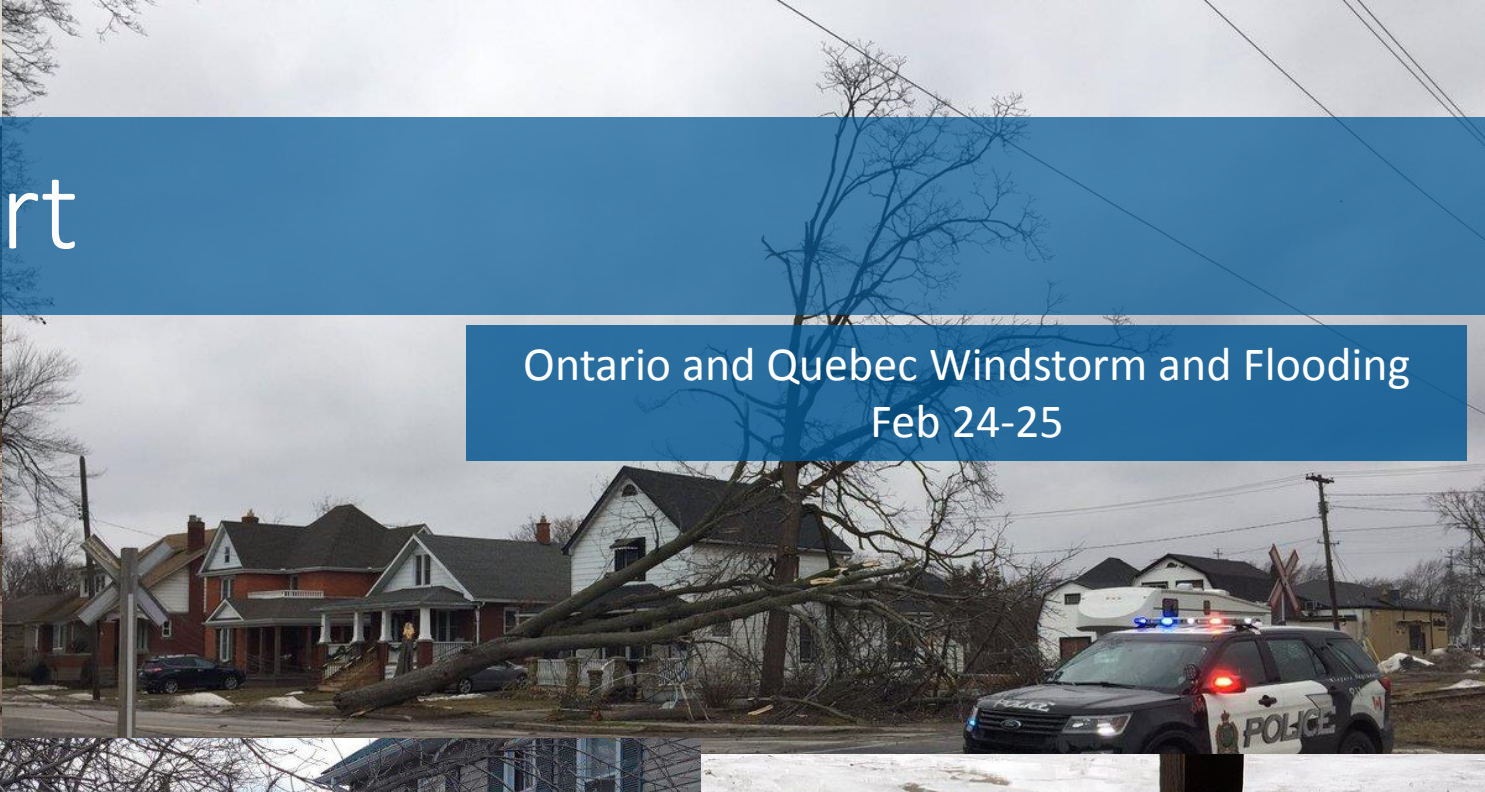
Annual Insured Loss



2019 – An active start



Quebec & Maritimes Flooding and Wind
Jan 24-25



Ontario and Quebec Windstorm and Flooding
Feb 24-25

Ontario and Quebec Early-February Thaw
Feb 3-5



Eastern Canada Flooding
March 13-15



Southern Ontario & Quebec
Snowmelt and Rain
March 9-10

Next steps

- Work with John and Mary on insurance catastrophes