

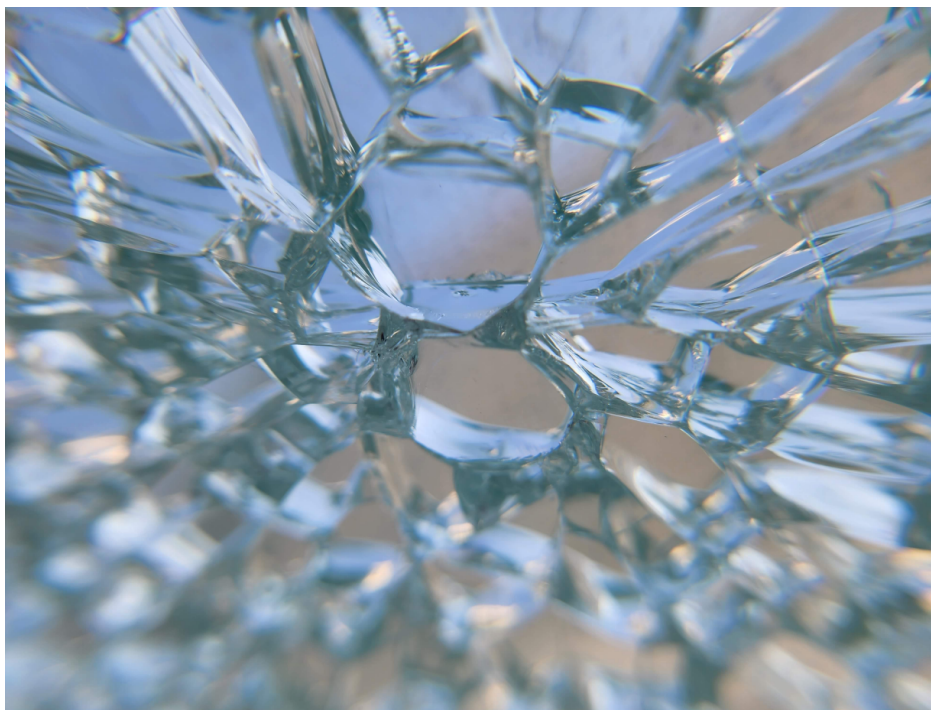
San Francisco Glass Breakage

TECHNICAL DINNER MEETING: 10 April, 2024

Presented by:

Andrew Bishop and Kaat Ceder

Wiss, Janney, Elstner Associates Inc.



Synopsis of Presentation:

During a series of winter storms in March 2023, San Francisco experienced two significant wind events within a span of a week. Several mid- and high-rise buildings in the city experienced glass breakage, many of which made the evening news when glass fell onto the street below. We will summarize the investigation of seven buildings that experienced glass breakage, including the conclusions drawn regarding the causes of failure, and recommendations for facade designers, jurisdictions, and building owners to mitigate these risks. We will also briefly summarize the related weather and wind load analysis performed by our partners in the investigation.

Learning Objectives:

1. Understand differences between design wind loads and actual wind loads for components and cladding;
2. Describe the likely causes of glass breakage that occurred in San Francisco;
3. Discuss the current state of modeling the probability of breakage using the ASTM E1300 Analytical Method; and
4. Summarize actions owners, designers, and contractors may take to reduce the risk of glass breakage and fall-out in new and existing buildings.

Meet your Presenters:



Andrew Bishop is a registered Architect and Associate Principal and Unit Manager with Wiss, Janney, Elstner Associates, Inc. in Emeryville, California. Andrew's primary practice areas include the design, assessment, and repair of exterior envelopes, with an emphasis on curtain wall and fenestration systems.

Kaat Ceder, PE, is an associate engineer with Wiss, Janney, Elstner Associates, Inc. in Emeryville, California. Kaat's primary practice areas include the evaluation, repair, and strengthening of wood-framed and concrete structures, as well as forensic investigations and condition assessments of a wide variety of structures.

When:

Wednesday April 10, 2024

Where:

2000 Powell Street Conference Center

Registration & Networking: 5:30 - 6:30 pm
Dinner Served: 6:30 pm
Presentation / Q & A: 6:45 - 8:00 pm

2000 Powell Street, Second Floor
Emeryville CA, 94608
Parking Garage is Hourly, Parking on Powell Street is Free - Subject to Availability (see highlights below)

Cost:

Registration:
\$60 (IIBEC Members) / \$75 (Non-Members)

How to Register:

Online Registration at:
NorcallIIBEC.org

Tabletop Sponsorship
\$200 (Tabletop + 1 Dinner)

72-hour cancellation is requested for a full refund.

Map:

