

FRIEDMAN FAMILY VISITING PROFESIONALS PROGRAM



Visit to North Carolina State University (NCSU): March 12 & 19 2021

This report summarizes the visit of **Janiele Maffei** from California Earthquake Authority that took place at the North Carolina State University on March 12, 2021 and March 19, 2021.

ITINERARY OR AGENDA

All events were held **virtually** for this visit. The times below are in Eastern Standard Time:

Friday, March 12, 2021

TIME:	ACTIVITY:
11:00 AM – 11:30 AM	Student Chapter President, Jessi Thangjitham, and Vice President, Nancy Ingabire Abayo, meet & welcome Janiele Maffei virtually to campus
11:30 AM – 12:00 PM	Research and campus tour with Janiele Maffei, focusing on the Constructed Facilities Laboratory (CFL) at NCSU where EERI members conduct earthquake engineering research (structural and geotechnical)
12:00 PM – 1:00 PM	Earthquake Risk and Resilience – Making Californians Safer One House at a Time Lecture by Janiele Maffei
1:00 PM – 1:30 PM	Q&A and informal meeting with NCSU EERI chapter in CCEE department (including undergrad student and graduate students) and faculty

Friday, March 19, 2021

TIME:	ACTIVITY:
12:00 PM – 1:30 PM	Meeting with NCSU student chapter members to discuss career guidance and follow-up questions on her lecture.

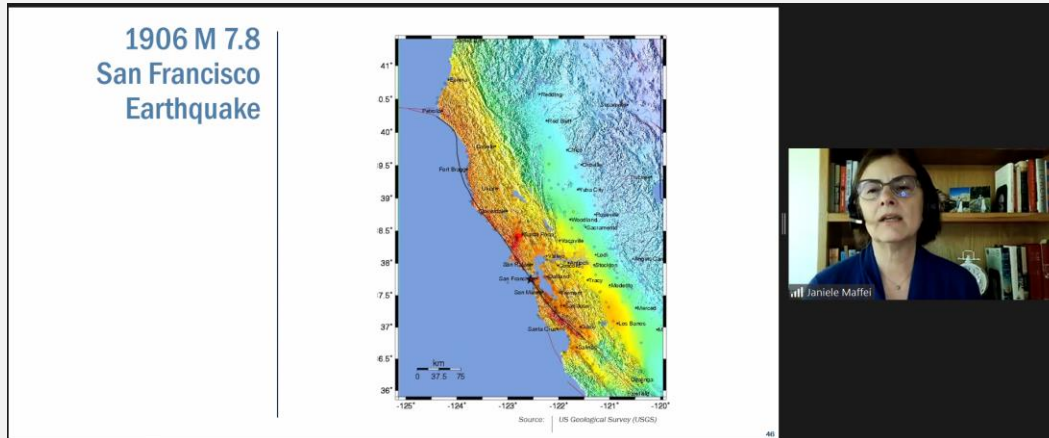
STUDENT CHAPTER VISIT PLANNING COMMITTEE

LEAD ORGANIZER(S):

- Jessi Thangjitham, President, jsthangj@ncsu.edu
- Nancy Ingabire Abayo, Vice President, ningabi@ncsu.edu

VISITING PROFESSIONAL LECTURE OVERVIEW

The lecture was hosted virtually and had an audience of 17 attendees which included undergraduate, graduate students, and faculty at NCSU. Below are some photos of the presentation:



Lecture Abstract

In this seminar, Janiele Maffei, Chief Mitigation Officer of California Earthquake Authority, shared a summary of her career as a consulting structural engineer and how it prepared her to manage an earthquake mitigation program for the state of California.

Professional Bio

Janiele Maffei received an M.S. degree (1980) in Civil (Structural) Engineering and A.B. degree (1978) in Architecture, both from the University of California, Berkeley. Ms. Maffei is licensed as both a Civil Engineer and Structural Engineer in California with 40 years of experience in the design of new buildings, retrofit designs of existing buildings, seismic evaluations, seismic loss estimation studies, design of equipment anchorages, preparation of construction documents, and construction administration. After fifteen years as a project manager and regional office director with Degenkolb Engineers, she opened her own practice where she managed complex design projects involving many disciplines. In 2011, Ms. Maffei joined the California Earthquake Authority (CEA) as its Chief Mitigation Officer. In this capacity, she serves as the Executive Director of the California Residential Mitigation Program managing mitigation incentive programs, code development, and mitigation research. Her professional leadership positions include: Structural Engineers Association of Northern California, Board of Directors, (Director 1995-1997, President 2019 - present); Earthquake Engineering Research Institute (EERI), Northern California Chapter, President (2010-2011); and EERI, Board of Directors, Secretary and Treasurer (2012-2017).

SUPPLEMENTAL ACTIVITIES

Research Discussion Meeting with EERI Officers

This meeting was hosted on March 12, 2021. In this meeting we were able to discuss more about NCSU and our student chapter. We were also able to show off the exciting research we are doing at our structural and geotechnical laboratory at NCSU, which includes projects for high seismic areas such as California and Alaska. With Janiele's experience with California seismic retrofit, she was able to generate interesting discussion.

Career Guidance Meeting

This meeting was hosted the week following the lecture on March 19, 2021. This meeting was intended as a follow-up to her presentation and students were encouraged to ask questions to Janiele about working in the industry. The meeting was attended by 10 students who had many questions that took up for the entire 1.5-hour block.

Along with being able to hear about Janiele's work experience and background, she was able to give career advice for the students approaching graduation. Our student chapter consists of a large portion of female engineers so we were especially excited to hear her approach to work life balance and hear about Janiele's path to becoming a well-established figure in the earthquake engineering field.

RESULTS, FEEDBACK AND LESSONS LEARNED

Overall, our student chapter had a successful virtual visit by Janiele Maffei. We were able to easily work with Janiele to coordinate the visit. The feedback from students that attend the lecture was very positive and the students were eager to ask questions about her experience working in the industry. When it is permitted, we will be very excited to host a FFVP in person next time and look forward to showing off our campus in Raleigh, NC.

ACKNOWLEDGEMENTS

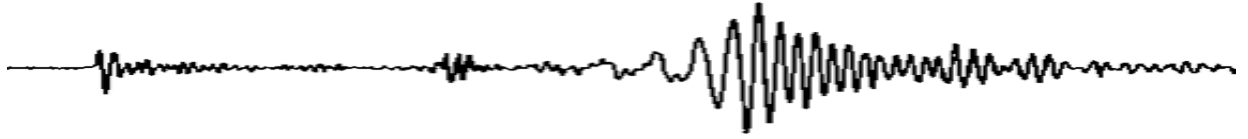
The North Carolina State University EERI Student Chapter gratefully acknowledges the support of the Friedman Family for sponsoring the visit of Janiele Maffei through their Friedman Family Visiting Professional Program endowment.

ATTACHMENTS

Included at the end of this report is the Flier for Janiele Maffei's Lecture to supplement the information included above.



Student Chapter
@ NC STATE



EARTHQUAKE RISK AND RESILIENCE – MAKING CALIFORNIANS SAFER ONE HOUSE AT A TIME

Friday, March 12th, 2021

12:00PM – 1:00PM, [Register Here*](#)

*Select *NCSU Student Chapter Member* as the registrant type

This virtual seminar is part of EERI's Friedman Family Visiting Professionals Program. In this seminar, Janiele Maffei, Chief Mitigation Officer of California Earthquake Authority, will share a summary of her career as a consulting structural engineer and how it prepared her to manage an earthquake mitigation program for the state of California.



Janiele Maffei, P.E., S.E.
Chief Mitigation Officer,
California Earthquake
Authority



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Directors, (Director 1995-1997, President 2019 - present); Earthquake Engineering Research Institute (EERI), Northern California Chapter, President (2010-2011); and EERI, Board of Directors, Secretary and Treasurer (2012-2017).

MODERATOR

Nancy Ingabire Abayo, EERI Student Leadership Council Outreach Chair