

# Michael A. Favetta

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## **CERTIFIED CONSULTING METEOROLOGIST (CCM)** **CERTIFIED BROADCAST METEOROLOGIST (CBM)**

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With more than 15 years experience, I have been providing expertise across a broad spectrum of activities involving meteorology, climatology and the environment. Since 2006, I have provided expert analysis and testimony for more than a dozen law firms as well as international insurance companies on the impact of weather for their weather related legal and insurance claims. My forensic meteorological services include weather data analysis and interpretation, weather event reconstruction, site surveys, written forensic reports, expert testimony and cross examination advice. I have worked on cases in New York, New Jersey, Connecticut, Pennsylvania, Maryland and Virginia. I have always been qualified.

Cases in which I have been involved are wide ranging. They include: slip and fall accidents due to snow and ice accumulation, property damage due to high winds, tornadoes, hail and, personal injury due to lightning, long term wind studies, and Wet Bulb Globe Temperature data research. For all these cases, I acquired, analyzed and interpreted the weather data, reconstructed the weather at the time and location of the accident or incident and provided expert opinion of the impact of the weather factor on the event. My services have been performed for both plaintiffs and defendants at approximately a 50/50 ratio.

I have peer reviewed emergency action plans for severe weather for the Governor's Ball music festival in New York City and athletic events for the ToughMudder and NYRR organizations. I have also presented at professional meteorological conferences and public speaking engagements where I included new research on how climate change has impacted severe weather events. Recent research includes climate change risk assessment for various locations in New Jersey, New York, Pennsylvania, Maryland, Texas, United Kingdom, France, Italy, Germany, Belgium, Greece, Slovakia, Norway, Iceland, Austria, Spain, Hungary, Singapore, South Africa, India and Taiwan.

Invitations for weather and climate speaking engagements have been fulfilled at NASA Goddard's Spaceflight Center in **Greenbelt, Maryland**; Lercari Insurance Group in **Milan, Italy**; the European Commission in **Brussels, Belgium**; City Hall Climate Talks in **Paris, France**; the United Nations Forum on Climate Change in **Taipei, Taiwan** and Sky News Arabia in **Dubai, United Arab Emirates**.

Additional professional experience includes:

- Professor of Meteorology, Kean University, NJ, 2020-present
- Board of Directors: International Association of Broadcast Meteorologists (IABM).
- Seat at the World Meteorological Organization (WMO) World Congress, Geneva, Switzerland.
- Chief meteorologist of the NYC Marathon, annually since 2010.
- Broadcast meteorologist at News 12 Television Networks, 2007-present.
- Founding member of *Climate without Borders* organization.
- Advisory Board member of "Climate Matters" program at Climate Central, Princeton, NJ.
- Invited speaker at the National Weather Association Annual Conference, 2013.
- Invited speaker at the American Meteorological Society short course on climate.
- Invited speaker at Lercari Insurance Climate Change workshop, Milan, Italy.
- Session Chair at United Nations Forum on Climate Change, Taipei, Taiwan.

## Education:

- B.S. Earth Science/Meteorology, Kean University, NJ.
- Italian Studies minor equivalency, Scuola Lorenzo de' Medici, Florence, Italy

## Employment:

- Adjunct Faculty, Meteorology Professor, School of Environmental & Sustainability Sciences, Kean University, Union, NJ
- Owner and Founding Meteorologist, WeatherPrep Consulting, LLC, Cedar Knolls, NJ.
- Broadcast Meteorologist, News 12 The Bronx & News 12 Brooklyn, Bronx, NY.
- Broadcast Meteorologist, NY1 News, New York, NY.

## Society Memberships:

- Board of Directors, International Association of Broadcast Meteorologists, elected 2018.
- Co-Founder, Climate without Borders, 2017.
- L'Associazione Italiana di Scienze dell'Atmosfera e Meteorologia, joined 2017.
- Italian Climate Network, joined 2017.
- National Weather Association, 2004-2017.
- American Meteorological Society, joined 2003.

## Awards and Recognition:

- Elected Director of Publications, International Association of Broadcast Meteorologists, 2018.
- Winner of Best Climate Solutions 2018, Climate without Borders
- CCM Seal #716, Certified Consulting Meteorologist, from the American Meteorological Society, 2016.
- Associated Press: 1<sup>st</sup> place Award, Best Weathercaster in New York State, 2017.
- Associated Press: Weather Award Winner 2016.
- 2016 NY Emmy Award Winner: On-Camera Talent: Weather Anchor.
- 2015 NY Emmy Award Winner: Outstanding Daytime Newscast: Larger Markets (1-49) Feb 14, 2014, 11AM (Snow Coverage).
- CBM Seal #534, Certified Broadcast Meteorologist, from the American Meteorological Society, 2011.
- 5-time NY Emmy Award Nominee for On Camera Talent: Weather Anchor (2011-2015).

## Expert Witness Engagements:

- Lopez-DePerez v. Bubbles Laundromat, Hudson County, 10 November 2021 **(Defense)**
- Canales v. Riera, Superior Court of New Jersey, Hudson County, 24 September 2021 **(Defense)**
- Martin v. Werst & La Bella Funeral Home, Supreme Court of New York, Queens County, 12 August 2021 **(Plaintiff)**
- Nunn-Nangoh v. Onkyo, Superior Court of New Jersey, Essex County, 15 May 2020 **(Defense)**
- Laster v. Professional Touch Property Management, Superior Court of New Jersey, Middlesex County, 26 March 2020 **(Defense)**
- Lopez v. Paving Associates, Supreme Court of the State of New York, County of Richmond, 13 November 2019 **(Defense)**
- Bergey v. Mountain Spring Arena, Berks County, Pennsylvania, 29 October 2019 **(Plaintiff)**
- Andrade v. Alvarenga, Superior Court of New Jersey, Union County, 23 October 2019 **(Defense)**
- Dunneman v. Shop Rite, Superior Court of Essex County, New Jersey, 17 June 2019 **(Defense)**
- Sexton v. Wawa, United States District Court, Eastern District of Virginia, Norfolk Division, 3 June 2019 **(Plaintiff)**
- Collier v. Wawa, Lancaster County, Pennsylvania, 31 October 2017 **(Plaintiff)**

- Attiki, Athens Tornado, Athens, Greece, 22 September 2017 **(Plaintiff)**
- Genna v. Wawa, Superior Court of New Jersey, Middlesex Circuit, 29 August 2016 **(Plaintiff)**
- Building Trades Employers' Association, on behalf of its members v. Rick D. Chandler, P.E., Commissioner, New York City Department of Buildings, Supreme Court of the State of New York, County of New York, 24 October 2016 **(Defense)**

### Representative Law Firm Clients:

- Kauff, McGuire & Margolis, LLP, New York, NY (kmm.com)
- Lutz, Shafranski, Gorman and Mahoney, P.A. Middlesex, NJ (lsgmpa.com)
- Muller Brazil, LLP, Dresher, PA (myvaccinelawyer.com)
- E. Fotopoulou Law Office, Athens, Greece (efotopoulou.gr)
- Gilbert & Albiston, P.L.C. (olgilbertlaw.com)
- Golomb & Honik, PC (golombhonik.com)
- HarwoodLloyd, LLC (harwoodlloyd.com)
- Menicucci Villa Climi, PLLC (mvclaw.com)
- The Law Offices of Linda S. Baumann (thefairford.com)
- Gruenberg, Kelly, Della (gknylaw.net)
- Landman Corsi Ballaine & Ford, P.C. (lcbf.com)

### Publications

Favetta, Michael A. and Powers, M., "Worse than Sandy": An Examination of the Straight Line Wind Event in New Jersey on 22 July 2019, American Meteorological Society 100<sup>th</sup> Annual Meeting, Severe Local Storms Symposium Poster Session. [Abstract](#)

"NASA: Latest Headlines via iPad" Joe Witte, George Mason University, Fairfax, VA; and M. Favetta, American Meteorological Society 42<sup>nd</sup> Broadcaster's Conference, 19 June 2014, Lake Tahoe, CA. [Abstract](#)

### Quotations in Publications:

[Kean Alum Spreads the Word About Climate Change at U.N. Forum](#) – Kean University, 11 Oct 2019.

[Climate Change Adaptation on the Air](#) – Greenpeace Magazin, August 2019. (in German)

[Climate without Borders](#) – Realclimate.org, 14 Oct 2018.

[How Hot? How Soon? Runaway Train](#) – Highlands Current, 4 May 2018.

[Lettera Redazionale](#) – Corriere della Sera, 22 April 2018. (in Italian)

[NYC Weatherman Quits TV to Save Europe from Climate Change](#) – Bloomberg, 21 June 2017.

[Doctor Prepared for the Worst at Marathon](#) – NY Times, 7 November 2010.

[Favetta Keeps His Eyes to the Sky](#) – 4 Oct 2011.

### Invited Professional Talks:

**Session Chair:** "UN Forum on Climate Change: The Power of New Media and Public Communication", National Taiwan University, 3 October 2019, Taiwan, Taipei.

**Keynote Speaker:** "Warming World: The Science of Climate Change", Hunteerton Central Regional High School, 7 November 2018, Flemington, NJ.

Speaker: "Valutazione dei rischi legati al cambiamento climatico", Insurtech Workshop, 25 October 2018, Milan, Italy.

Speaker: “La Percezione del Cambiamento Climatico: differenze fra Italia e gli Stati Uniti”, 20 September 2018, RemTech Expo, ClimeTech session, Ferrara, Italy.

Panelist: “SNJ Today, 1<sup>st</sup> Annual Hurricane and Severe Weather Seminar”, 26 July 2018, Stone Harbor Municipal Building, Stone Harbor, NJ.

**Keynote Speaker:** “Climate Change: Social Injustice for Earth’s Poorest Populations”, Life, Peace and Justice Day, Seton Hall Preparatory School, 21 March 2018, West Orange, NJ. (Talk postponed)

**Keynote Speaker:** “Warming World: The Science of Climate Change”, IEEE (Institute of Electrical and Electronics Engineers) Annual Luncheon , 26 October 2017, East Hanover, NJ.

Speaker: “Communicating Climate Change Effectively”, NASA Goddard, 21 April 2017, Greenbelt, MD.

**Keynote Speaker:** “Climate Change and Its Effect on Transit”, Association of Railroad Passengers of NJ Quarterly Meeting, 17 September 2016, Short Hills, NJ.

**Keynote Speaker:** “Warming World: The Science of Climate Change”, Seton Hall Preparatory School Alumni Breakfast, 11 November 2016, West Orange, NJ.

Speaker: “Thermal Imaging Used in Communicating Hazardous Conditions During a Weathercast”, National Weather Association 41<sup>st</sup> Annual Meeting, 11 September 2016, Norfolk, VA.

Panelist: “Communicating Climate Change: Best Practices”, American Meteorological Society Short Course on Climate Change, American Meteorological Society 44<sup>th</sup> Broadcaster’s Conference. 14 June 2016, Austin, TX.

**Session Chair:** “Kean University Discusses Climate Change”, School of Environmental and Sustainability Science. 13 April, 2016, Union, NJ.

Speaker: “Snowfall Confidence Chart: A simple, effective way to communicate uncertainty in the forecast”, American Meteorological Society 96<sup>th</sup> Annual Conference, 12 January 2016, New Orleans, LA.

Panelist: “Bridging the Gap Between Broadcast and Private Sector”, 96<sup>th</sup> Annual AMS Meeting, 11 January 2016, New Orleans, LA.

Panelist: “Contingency Planning Exchange: Hosted by Con Edison”, Extreme Weather and Climate Change Forum, 11 March 2015, New York, NY.

**Keynote Speaker:** “L.I.V.E.: Leading Interactive Virtual Environments”, National Weather Association 38<sup>th</sup> Annual Meeting, October 2013, Charleston, SC.

## **Conference Contributions and Group Workshops:**

Invited Poster: “Worst Since Sandy” Severe Local Storms Symposium, American Meteorological Society 100<sup>th</sup> Annual Conference, 9-16 January 2020, Boston, MA.

Invited Participant: SECLI-FIRM 2<sup>nd</sup> Stakeholder Workshop, Copernicus Programme, 17 January 2019, Milan, Italy.

Invited Participant: Festival for the Earth, Euro-Mediterranean Center on Climate Change (CMCC), 3-4 December 2018, Venice, Italy.

Invited Participant: Insurtech Workshop: Gruppo Lercari e Expert Meteo, 25 October 2018, Milan, Italy.

Participant: EMS Broadcast and Media Workshop, EMS Annual Meeting: European Conference for Applied Meteorology and Climatology 2018, 6 September 2018, Budapest, Hungary.

Invited Participant: 15<sup>th</sup> Le Forum International de la Météo et du Climat (Annual International Weather and Climate Forum, IWF-FIM), 2-5 June 2018, Paris, France.

Invited Participant: Speaker at “Extrascape” competition at CIBUS Expo, 8 May 2018, Parma, Italy.

Invited Participant: *Climate without Borders* Launch at European Commission, hosted by Executive Secretary of the UN Framework Convention on Climate Change (UNFCCC), Patricia Espinosa, 27 June, 2017, Brussels, Belgium.

Invited Participant and Founding Member: *Climate without Borders* Bootcamp Launch, 25-27 June, 2017, Brussels, Belgium.

Invited Participant: 14<sup>th</sup> Le Forum International de la Météo et du Climat (Annual International Weather and Climate Forum, IWF-FIM), 29-31 March 2017, Turin, Italy.

Participant: Climate Change Workshop, National Center for Atmospheric Research (NCAR), 4-5 March 2016, Boulder, CO.

Participant: “Climate Communication Workshop: A Workshop on Science and Storytelling”, 20 September 2014, Bentley University, Waltham, MA.

#### **Attendee at Professional Development Conferences and Seminars:**

“Protecting our Historical and Cultural Assets (due to the effects of climate change),” Rutgers University, Institute of Earth, Ocean, and Atmospheric Sciences, (EOAS), Webinar, 15 June 2020.

“Sea Level Rise in New Jersey,” Rutgers University, Institute of Earth, Ocean, and Atmospheric Sciences, (EOAS), Webinar, 3 June 2020.

“State of the Climate: New Jersey,” Rutgers University, Institute of Earth, Ocean, and Atmospheric Sciences, (EOAS), Webinar, 1 June 2020.

American Meteorological Society 100th Annual Conference, 9-16 January 2020, Boston, MA.

“Urban flood modeling in a changing climate,” Euro-Mediterranean Center on Climate Change (CMCC), Webinar, 19 December 2019.

“Multi-model subseasonal forecasts of spring cold spells: potential benefits for the hazelnut agribusiness,” Euro-Mediterranean Center on Climate Change (CMCC), Webinar, 5 November 2019.

“Copernicus Sectoral Information System for Disaster Risk Reduction (C3S),” Euro-Mediterranean Center on Climate Change (CMCC), Webinar, 3 September 2019.

“Stratified Coastal Ocean Interactions with Tropical Cyclones,” –Dr Travis Miles, 16 April 2019, Stevens Institute of Technology, Hoboken, NJ.

“R&D Pathways for the Future Energy System [decarbonization]” –Bruce H. March, 10 April 2019, Stevens Institute of Technology, Hoboken, NJ.

“Talking Climate, when facts are not enough,” –Katherine Hayhoe, 26 February 2019, Rutgers University, New Brunswick, NJ.

ClimeTech Congress at RemTech Europe Expo, Cambiamenti Climatici e Divulgazione: 19-21 September 2018, Congressi Fiere Ferrara, Ferrara, Italy.

Italian Association of Atmospheric Science and Meteorology (AISAM): first national congress, 10-13 September, 2018, Bologna, Italy.

European Meteorological Society Annual Meeting: European Conference for Applied Meteorology and Climatology 2018, 4-6 September 2018, Budapest, Hungary.

“2nd Copernicus Climate Change Service (C3S) Symposium for the Energy Sector”, The French Ministry for an Ecological and Solidary Transition, 5-6 March 2018, Paris (la Défense), France.

“Mobilizing Climate Science: A Series of Events Highlighting the Work of the IPCC on its 30<sup>th</sup> Anniversary”, 26 February 2018, University of Bologna, Bologna, Italy.

“Laudato Sì, Clima, Sostenibilità—Climate and Sustainability Dialogue Between Luca Mercalli and Patriarch (Cardinal Francesco Moraglia) of Venice”, 27 January 2018, St. Mark’s Cathedral, St. Apollonia Hall, Venice, Italy.

“The relationship of tropical cyclone size and ENSO—Dr. Suzana J. Camargo, Lamont-Doherty Earth Observatory, Columbia University”, 13 November 2017, Stevens Institute of Technology, Hoboken, NJ.

“Physically Based Approaches to the Computation of People’s Vulnerability to Floods. –Dr. Marco Pilotti”, 14 September 2017, Stevens Institute of Technology, Hoboken, NJ.

“Space Weather as a Global Challenge”, Hosted at the Embassy of Italy, 18 May 2017, Washington DC.

“Climate Museum Design and Sustainability”, 8 February 2017, New York, NY.

“Observation and Simulation of Urban Weather and Climate: Thunderstorm Bifurcation Over New York City. –Dr. Robert Bornstein”, 14 September 2016, Stevens Institute of Technology, Hoboken, NJ.

National Weather Association 41<sup>st</sup> Annual Meeting, 11-12 September 2016, Norfolk, VA.

American Meteorological Society 44<sup>th</sup> Broadcaster’s Conference. 14-18 June 2016, Austin, TX.

“High Resolution Weather and Climate Forecasting System for NYC: Development, Opportunities, and Future Challenges. –Dr Jorge E. González”, 25 April 2016, Stevens Institute of Technology, Hoboken, NJ.

"A Rapidly Warming Arctic and Extreme Weather Events: Are They Connected? –Dr. Jennifer Francis", 30 September 2015, Stevens Institute of Technology, Hoboken, NJ.

American Meteorological Society 96<sup>th</sup> Annual Conference, 10-13 January 2016, New Orleans, LA.

American Meteorological Society 42<sup>nd</sup> Broadcaster’s Conference, 17-20 June 2014, Lake Tahoe, CA.

National Weather Association 38<sup>th</sup> Annual Meeting, 13 October 2013, Charleston, SC.

American Meteorological Society 41<sup>st</sup> Conference on Broadcast Meteorology, 26-28 June 2013, Nashville, TN.

National Weather Association 35<sup>th</sup> Annual Meeting, October 2010, Tucson, AZ.

National Weather Association 32<sup>nd</sup> Annual Meeting, October 2007, Reno, NV.

National Weather Association 31<sup>st</sup> Annual Meeting, October 2006, Cleveland, OH.