

Curriculum Vitae (2026)

Eric Kasunich

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Current Title & Affiliation

- **Principal, Johnson Forensic Meteorological Consulting (2023-present)**
- **Earth Science Professor, Saint Petersburg College, College of Natural Science (2023-present)**

Former Title & Affiliation

- On-Air Broadcast Meteorologist - WSNN Suncoast News Network (2024-2025)
-Under the ownership of Nexstar Media Group, Inc.,
- AMS President - WCFLA Chapter (2022-2025)
- Graduate Volunteer - National Weather Service– NWS Tampa Bay/Ruskin (2022-2023)
- Aerographer's Mate Petty Officer Second Class (AG2) – United States Navy, METOC & Air Dept. (2017-2021)
- Trade Specialist, Wealth Management Department – Bank of New York Mellon (2015-2016)
- Process Simulation Software Technical Sales Representative, Optimized Gas Treating (2012-2014)

Education

- **Mississippi State University Graduate School, Starkville, MS (2021-2023)**
 - **Master of Geoscience, 3.9 GPA**
 - **Major – Applied Meteorology**
 - **Thesis Graduate Research: Parametric analysis of relationship between tropical storm intensity and sea-surface temperature**
 - **Key tools/ tasks: Forensic Geoscience and meteorology, Climatological analysis; R statistics software; MS Excel, Hurricanes, Meteorological Research, ArcGIS**
- Miami University, Oxford, OH (2009-2012)
 - Bachelor of Arts and Science
 - Major – Political Science
 - Minor/Thematic Sequence – Finance, Latin American Studies
 - Division 1 Track and Field Scholarship, 400- meter hurdles, 400 meter, and relays
 - Member of Amicus Curiae
- US Navy Aerographer (AG) Weather A-School), (2017)
 - Graduated from Aerographer's Mate (AG) "A" School at Keesler, studying meteorology, oceanography, chart analysis, coded observations, and forecast-support for fleet operations, and concise briefing skills transferable to analytical roles.

Motto

“Be Prepared.” — Scouts BSA Motto

Certifications

- **FAA Certified Remote Pilot (Part 107) With Small UAS Rating**
 - Demonstrated knowledge of airspace, weather, flight safety, and operational procedures for safe drone operations.
 - Authorized by the FAA to operate Small Unmanned Aerial Systems aircraft systems (sUAS) for commercial purposes under Part 107 regulations
 - Issued April 22, 2026
 - FTN: C2335688
 - The public has confidence in the quality, safety, and reliability of drone operations who possess an active and valid Part 107.

- **United States Air Force (USAF) Surface Weather Observer**
 - Ref: NAVMETCOMINST 3141.2 AFMAN 15-111
 - Certified to perform and disseminate official surface weather observations in accordance with Air Force weather observing procedures, including METAR and SPECI reporting.
 - Trained in aviation weather observation, coding, and reporting to support airfield operations, situational awareness, and flight safety.
 - Granted October 27, 2017.

- **40 Hour HAZWOPER Training – National Environmental Trainers - OSHA**
 - Satisfactory completion and met all requirements identified in Title 29 CFR 1910.120 (OSHA HAZWOPER Regulations)
 - Granted October 22, 2022
 - Certificate Number: 447409

- **FEMA ICS-100.C - Introduction to Incident command Systems**
 - National Disaster and Emergency Management University
 - Completed FEMA ICS 100.C training of the Incident Command System, including standardized emergency response structure, terminology, and multi-agency coordination.
 - National Disaster Emergency Management University, April 2026

- **FEMA IS-700.b – Introduction to National Incident Management System**
 - Completed FEMA IS-700 training in the National Incident Management System (NIMS), covering standardized emergency management frameworks, interagency coordination, and incident response principles
 - National Disaster Emergency Management University, April 2026

- **FEMA 800.d – National Response Framework, An Introduction**
 - Completed FEMA IS-800.D (National Response Framework), with training in federal disaster response coordination, emergency support functions, community lifelines, and the roles of public, private, and non-governmental partners in incident response

- National Disaster Emergency Management University, April 2026
- **Teaching an Online Course My Courses, Saint Petersburg College**
 - Granted July 1, 2024
 - Training in online teaching, course management, and student engagement through MyCourses.
- **Growing in Canvas for Faculty, Saint Petersburg College**
 - Granted March 8, 2025
 - Professional development in effective course design and instruction using Canvas LMS.
- **In-pursuit, Certified Consulting Meteorologist (CCM)**

Licenses and Permits

- **Florida Driver's License**
 - K609-597-98-700-0
 - Issued March 2022

Professional Experience

- **Forensic Meteorologist, Johnson Forensic Meteorological Consulting, Tampa, FL (2023 - Present)**
 - Provide extensive pre-trial preparation and site-specific reports prior to litigation.
 - Performed forensic research and reconstructed historical storms for insurance companies and pretrial weather litigation reports
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 - Conducted advanced meteorological research and forensic analysis for both plaintiff and defense litigation involving hail, flooding, tornadoes, hurricanes, storm surge, lightning, winter weather, heat, rain, condensation events, and personal injury claims.
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 - Applied specialized expertise in tropical meteorology to evaluate wind versus water causation, storm timing, storm-relative structure, wave effects, and rainfall impacts in complex weather-related cases.
 - **Site-specific forensic reports on significant tropical cyclones, including Charley, Frances, Jeanne, Wilma, Ivan, Katrina, Sandy, Irma, Helene and Milton.**
 - Produced hundreds of detailed severe-weather analyses involving hail, derechos, downbursts, and severe thunderstorms associated with property damage and injury claims
 - **Trained and mentored in forensic meteorology methodology, procedures, ethics and practices by renowned Meteorologist CCM Andy Johnson.**
 - Demonstrated high-level proficiency in Doppler radar interpretation and integrated analysis of multiple meteorological datasets to reconstruct storm conditions with precision and defensibility.:
 1. National Weather Service, super resolution, dual-polarized Doppler radar data
 2. **MRMS Multi Radar Multi Sensor, the “gold standard” in archive radar**
 3. National Climatic Data Center raw surface data and post-storm reports
 4. National Hurricane Center real time advisories and post-storm analyses
 5. NEXRAD radar analysis
 6. Local National Weather Service post-storm reports and analyses

7. Surface weather data from the following types of meteorological reporting platforms:
 8. MESONET mesoscale weather networks
 9. **Official and Certified National Center for Environmental Information (NCEI) Local Climatological Report.**
 10. WeatherFlow
 11. Severe Weather Data Inventory (SWID)
 12. International Civil Aviation Authority (ICAO) sites
 13. Texas Tech University Research Team wind probes
 14. C-MAN coastal marine
 15. National Ocean Survey tide gauges
 16. Coastal Ocean Monitoring & Prediction System (COMPS)
 17. Buoys
 18. Ships
 19. Weather Bug
 20. NOAA Remote Automatic Weather Stations (RAWS)
 21. Citizens Weather Observer Program (CWOP)
 22. Hydrological Automated Data Systems (HADS)
 23. NOAA coastal tide gauges
 24. United States Geological Survey Coastal (USGS) Tide gauges
 25. NOAA rapid deployment streamgages
 26. Federal Emergency Management Association (FEMA) high water marks
 27. USGS pressure transducer water level sensors (30 seconds)
 28. USGS pressure transducer wave level sensors (2 seconds)
 29. Community Collaborative Rain, Hail and Snow Network (CoCoRaHS)
 30. GOES and POES Satellite imagery
- *Key tools/ tasks: NCEI, NHC, NWS and quality-controlled data acquisition, ArcGIS Pro, MS office, SWID, Historical weather reconstruction*

➤ **Earth Science Professor, Saint Petersburg College (2023 - Present)**

- Instruct undergraduate courses in oceanography, meteorology, geology, and environmental science, providing interdisciplinary education in the Earth sciences.
- Foster an inclusive and supportive classroom environment that promotes student engagement, equity, and academic achievement.
- Partner with colleagues to refine teaching strategies, strengthen curriculum delivery, and advance departmental learning outcomes.
- Communicate complex scientific concepts in a clear and accessible manner to enhance student understanding across a range of learning levels.
- Apply subject-matter expertise and real-world scientific experience to deliver relevant, high-quality instruction in the geosciences.
- Attended multiple faculty trainings throughout the year.
- *Key tools/ tasks: MyCourses online teaching portal. Canvas, Academic advising and mentorship, Communication, Panopto, zoom*

➤ **Broadcast Meteorologist, WSNN Television, Suncoast News Network (2024-2025)**

- Analyzed forecast maps, and charts from the National Weather Service and other credible sources to effectively communicate technical weather to public via television.
- Presented on air coverage and weather forecast for Morning TV
- **Live coverage of major weather events such as Hurricane Milton, Helene and Debby, droughts, floods, and tornados. Monday – Friday Mornings**
- Ensured Sarasota had the most up to date weather watches, warnings and advisories.
- Collaborated with team members on weather related news content to produce packages.

- **Produced and created 60 weather shows per week.**
 - Leader in local community outreach hosting and speaking at municipalities, townships, schools, country clubs, nursing homes about hurricane preparedness.
 - School visits to The Pine Street School in New York City to explain the basics of weather to children
 - Sister Station to and strong affiliation with WFLA Tampa, Nexstar Broadcasting Group Inc
 - Trained newer and younger meteorologists
 - Improved the graphics and forecasts which resulted in boosted ratings.
 - Maintained, created, and wrote a daily weather forecast article for social media users and SNNtv.com.
 - Responsible for the daily weather production from start to finish which included model analysis, forecasting for the local region with national weather news, creating the appropriate graphics using IBM The Weather Company's MAX and Barron Lynx Programs, and then communicating it clearly and effectively to a mass audience.
 - *Key tools/ tasks: Weather forecasting, mesoscale and synoptic analysis, IBM WSI Max, Communication, Broadcasting*
- **Aerographer's Mate Petty Officer Second Class (AG2), United States Navy, Lakehurst, NJ (2017-2021)**
- Supported Air Mobility Command Flight operations for the 305th Operations Support Squadron Weather Flight with aviation weather forecasts, observations and briefs.
 - Produced real-time operational weather forecasts to support aviation planning, mission execution, and command decision-making at Joint Base McGuire- Dix- Lakehurst, NJ.
 - Operated and maintained meteorological observing systems, including ASOS and the TMQ-53, and manual, hourly, airfield observations with a kestrel to ensure accurate and continuous weather data.
 - Analyzed METOC data and atmospheric conditions in support of more than 14,000 military and navigational flight missions.
 - Provided weather briefings and actionable forecast guidance to aircrew and leadership, supporting flight safety and risk management across a wide range of operations.
 - Maintained high standards of accuracy, reliability, and situational awareness while working in time-sensitive operational settings where weather directly impacted mission success and personnel safety.
 - *Key tools/ tasks: ASOS, TMQ-53, Daily weather briefs, Weather observing, Military flight operations, communication, volunteering, leadership*

Conference, Continuing Education, and Relevant Experience

- UAS / Drone Flight Training, Saint Petersburg College (April 2026)
 - Hands-on training on how to fly an operate UAS / drones.
 - Flying patterns, flying and mapping techniques, safety, drone inspections
- SCORE Tampa Earth Science, Clearwater, FL, (2023-Present)
 - Taught a college level Earth Science as an Adjunct for Saint Petersburg College
 - Multiple Training and continuing educational, development and learning seminars per year.
- Meet Your AI Team – Save time and Grow Your Business Using AI Agents, Tampa, FL (April 2026)
 - SCORE Tampa
 - Attended Seminar that taught how to innovate and systematically use AI Agents to increase

- productivity
- Entrepreneurship for Veterans Cohort, Veteran’s Florida, Clearwater, FL, (March 2026)
 - Selected for the Veterans Florida Entrepreneurship Program, where I completed cohort-based training in business model development, startup strategy, marketing, and entrepreneurial growth planning.

 - Annual West Central Florida AMS Conference, Tampa, FL, (March 2025 & 2026)
 - Professional Development, Lead by Dr. Collins on inefficiencies of the current Saffir-Simpson Scale
 - Attendee of the Annual West Central Florida American Meteorological Society (AMS).

 - New York City TSC Marathon, New York, NY, November 2025
 - Supported race-day meteorological operations for the TCS New York City Marathon with CCM Mike Favetta through monitoring of Wet Bulb Globe Temperature (WBGT) and related weather conditions affecting runner safety and heat stress risk.

 - Hurricane Preparedness, Longboat Key Country Club
 - Community engagement, March 2025
 - Member of a professional table that conducted area specific hurricane safety information prior to the 2025 hurricane season prior to hurricane season

 - International Symposium on Hurricane Risk in a Changing Climate, Association of American Geographers (AAG), Clearwater, FL, (May 2025)
 - Brought together scientists, social scientists, engineers, and practitioners to improve understanding of hurricane risk and how to better manage it.

 - Aerographer’s Mate Petty 3rd Class and 2nd Class Exams
 - Successfully advanced through the U.S. Navy promotion process by passing the Petty Officer Third Class (E-4) and Petty Officer Second Class (E-5) advancement exams, demonstrating professional knowledge, technical proficiency, and military readiness.
 - Earned promotion through competitive Navy-wide examinations assessing job performance, leadership potential, occupational expertise, and overall qualifications for increased responsibility.
 - Topics included
 1. Business Communications
 2. Computer Applications
 3. Introduction To Meteorology
 4. Methods Of Oceanographic Measurements
 5. Supervision
 6. Weather Forecasting
 7. Marine Safety
 8. Methods of Oceanographic Measurements

- GasTech, Excel Center, London, England, (2012)
 - Represented the organization at Gastech 2012 (London), a major international conference and exhibition for the natural gas and LNG sectors.
 - Led booth operations and served as a professional point of contact for attendees, clients, and industry partners.
 - Demonstrated and promoted ProTreat software, communicating its technical capabilities and commercial value to a diverse professional audience.
 - Supported strategic marketing and business development initiatives through direct engagement with global energy industry stakeholders.
- Gas Processing Association Annual Meeting, New Orleans (2012)
 - Represented the company at the GPA Annual Convention, engaging with professionals across the natural gas processing and midstream sectors in a major industry conference setting.
 - Supported conference business development efforts by discussing ProTreat software and its applications in gas treating, process design, and operational optimization with attendees and prospective clients.
 - Strengthened industry relationships and expanded product visibility through direct interaction with engineers, operators, and decision-makers in the gas processing community.
- Laurence Reid Gas Conditioning Conference, (2013)
 - Long-running industry conference focused on natural gas processing, gas treating, sulfur removal, dehydration, and related process engineering, and it has been a major meeting point for people working in gas conditioning and treating technologies.
 - Presented and promoted ProTreat software to technical audiences, highlighting its relevance to gas treating, amine systems, dehydration, and related process solutions.

Honors & Awards

- Graduated with Designation – Mississippi State University, (2023)
- Good Conduct Award Medal, US Navy, (2020)
- War on Global Terrorism Campaign Medal, US Navy (2019)
- National Defense Service Medal, US Navy (2018)
- Outstanding Fitness Award, US Navy (2018)

Professional Affiliations and Offices Held

- American Meteorological Society, National Chapter, Boston, MA
 - Full professional member 2021-present
- West Central Florida Chapter of the American Meteorological Society
 - President (2023-2025)
 - Member (2021-Present)

Proficiency in Meteorological Software & Hardware including Doppler Radar and ArcGIS Pro

- Gibson Ridge – GR Analyst 2, 3, GR2 Analyst, & GR2 Analyst 3
- Doppler radar
- ArcGIS Pro
- HURTrack
- Weather Central
- MetEd UCAR
- RadarScope
- Space Science and Engineering Center, University of Wisconsin
- Numerical Weather Prediction
- AFWEBS
- AWIPS
- NOAA Goes 19 & JSTRR Polar Orbiting Satellites.

Papers & Publications

- A thesis entitled “Hurricanes and Sea-Surface Temperatures (SST): An Exploration and Analysis of Rising SST Trends and Their impact on the Intensity of Atlantic Basin Hurricanes. Reviewed by Mississippi State University.
- Published a daily weather forecast articles for WSNN

Licenses and Permits

- **Florida Driver's License**
 - K609-597-98-700-0
 - Issued March, 2022

Community Service

- Graduate Student Volunteering, National Weather Service, Ruskin, FL (2022-2023)
 - *Advanced Weather Information Processing System (AWIPS); Skew-T/Log-p diagrams, Radiosonde, TAFs*
- Numerous Volunteer Hours in the US Navy (2017-2021)
 - Cathedral of the Air, Grounds Keeping
 - Security at Joint Base McGuire- Dix- Lakehurst for Annual Air Show
 - Fixing Ceilings and Reading to Children at the Base Day care
- Member of the Fleet Reserve, Lakehurst, NJ (2019-2021)
- ASPCA Animal Shelter, Gulfport, MS (2017)
- Special Olympics, Biloxi, MS (2017)
- Eagle Scout, Pittsburgh, PA (2009)

Personal Interests

- Travel
- Family, Wife, Baby Girl, and Dogs
- World Traveler
- Museum of Science and Cosmos in San Cristóbal de La Laguna, Tenerife, (2023)
 - It is the science museum related to atmospheric sciences/meteorology, including a Planet Earth area and meteorology-related programming
- Toured the Giants Causeway, Bushwick Ireland (2024)
 - Completed an independent geoscience field study at Giant's Causeway, analyzing basalt column formation, coastal geology, and landscape evolution to broaden applied knowledge of Earth system processes
- Toured Meteorological Services in Anaga Forest – 2023
- Peak of Mount Tiede
- Personal Fitness, staying active, EUC
- Woodworking
- Drone
- Real Estate Investing