



# JOSEPH S. D'ALEO

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## PROFESSIONAL SUMMARY

### PRIMARY AREAS OF EXPERTISE

- Pioneer research in weather and climate attribution applied across highly varied jobs, applications and industries. This included results on the roles that major ocean, terrestrial and extraterrestrial oscillations play in short and long term temperature and precipitation anomalies and extreme weather events.
- Published findings on-line and in the literature and in weather and other industry conferences and presentations as well as dozens of television broadcast and cable shows. Worked with top meteorologists, econometricians in multiple studies including the important finding that there is no mathematically valid proof that past increases in atmospheric GHG concentrations have caused the officially reported global warming over the last 50 years or so.
- Co-founder and first Director of Meteorology at The Weather Channel, hired and trained the start-up forecasting and on-camera staff. Co-designed the original award winning programming including lifestyle features and severe weather forecasting and coverage.
- As Professor and Chair of the Department at Lyndon State College taught synoptic and advanced synoptic meteorology, climatology and microclimatology at the college level, building one of the largest programs in meteorology in the country. Many great success stories.
- Helped build four very successful weather companies, creating unique value added products and technology and developing and successfully applying weather and climate attribution in statistical forecasting.
- Certified Consulting Meteorologist and Fellow of the American Meteorological Society, AMS Councilor.
- Chaired AMS Committee on Weather Analysis and Forecasting. Chaired conferences for AMS, NWA. Many papers presented at conferences and meetings.

## SKILLS

- Research and development
- Business development
- Hiring and recruiting
- Operations oversight
- Written communications
- Educator. Mentor young people

## EXPERIENCE

WEATHERBELL ANALYTICS, co-chief meteorologist, senior Ag Forecaster January 2011 - Current

- Daily weather briefings/blogs and other special services for hobbyists, energy and ag hedge funds, farmers, contractors, retail and other markets.
- Develop a global statistical model for seasonal forecasting (25 factors).

- My tutored interns won the top American Meteorological Society Earth Science Award, and 2nd Place in the Earth Sciences Category and the NOAA Climate Pulse Earth Science Awards.

Executive Director

January 2007 - Current

ICECAP US | Hudson, NH

- Association and web site devoted to covering climate and environmental issues.
- A go-to site with 9000 posts and 158 million views as of August 2021. Hundreds of stories carried by other web sites in 27 countries.
- Many presentations at industry and NWS and AMS/NWA conferences including keynote addresses.

Chief Meteorologist/Partner

January 2004 - January 2007

HUDSON Seven Ltd

- A hedge fund trading commodities using global weather and climate as a key factor.
- Specializing in global weather forecasting for ags and energy including hurricane forecasting.
- Major successes with Katrina and winter cold, summer drought.
- Annualized returns for first two years of 34.32% (net of all fees).

Forensic Meteorologist

January 2002 -

Certified Consulting Meteorologist

- Post event analyses for accident reconstruction - the Crash Labs and others.
- Also consultant for HP on venues for offsite annual meeting.
- Consultant for Macy's on winds for Thanksgiving Day Parade.
- Weekly forecasts for Vineyards as forecaster for Vintage Weather 2007-2008

Chief Meteorologist – Product Development

January 1988 - January 2004

WEATHER SERVICES INTERNATIONAL, WSI

- Design and development of numerous, successful value-added products and for a very technologically advanced weather forecast operation. Value-added product development for media, aviation and energy clients including a very popular skyline weather animation visualization used by most stations nationwide.
- Involved in the successful launch of several WSI programming efforts including the Weather Network (a 24 hour a day cable weather service for the UK), the original MSNBC, FOX News and Time Warner cables weather services, and Discovery Wings, a new broadband service for Aviation. Consulted in hurricane forecasting for CNN
- Did the specifications for a workstation for media, aviation and industry applications. Designed enhanced capabilities and applications for the powerful, next generation weather workstation used by most domestic and several international airlines, and over half of the domestic broadcast and network television and cable operations and the energy industry.
- Developed the content and design for Intellicast across many different specialty areas using unique workstation produced graphics. As "Dr. Dewpoint", authored regular (bi-weekly) weather stories and designed products and features for WSI's Intellicast web site, consistently among the top 100 sites in the world in terms of usage and popularity.

- WSI was granted the AMS award for Outstanding Services by a Corporation in 1991 for our pioneering of many value-added products.
- Briefings for ICE and CBOT and NYBOT on commodity trading., Senior Editor of Intellicast.com R&D on statistical models for 3-5 week and seasonal forecasting Helped develop 3 statistical models for 3-5 week and monthly/seasonal forecasts for temperatures based on global teleconnection correlations.
- Author of the book "Oryx Press Resource Guide to El Nino and La Nina" For Greenwood Publishing Involved in the successful launch of several WSI programming efforts including the Weather Network (a 24 hour a day cable weather service for the UK), the original MSNBC, FOX News and Time Warner cables weather services, and Discovery Wings, a new broadband service for Aviation.
- Many presentations and keynote addresses at national conferences, workshops and annual meetings for various industries on topics like advances in the ability to predict seasonal weather and how the oceans and the sun are factors in climate prediction and change.
- Invited to talk at the White House with science advisors to the President (2001) and the Climate Prediction Center in 2002 to explain how record high solar flux caused the anomalous weather of the 2001/02 winter).
- Annual seasonal outlooks at NWS Northeast Winter Media Workshops since 1996 through 2015 and for regional conferences at LSC and WCSU.
- Utilized historical data to make predictions about future weather conditions..
- Assisted forecasters by improving forecast operations through automation

Director of Meteorology and Co-Founder

January 1981 - January 1988

#### THE WEATHER CHANNEL

- As the first Director of Meteorology, was responsible for the hiring, planning, direction and control of the original meteorological staff for the cable TV Weather Channel.
- Designed and maintained the meteorological operations center; recruited and supervised the meteorological support staff (35) as well as the original on-camera staff (27).
- Key creative role in the design of the on-air meteorological product line and innovative ways to create and display those products. Created several multi-million dollar features for the network including Weather and Your Health, a major source of revenue for the company.
- Wrote and served as resource for many taped features, program specials and promotional tapes on the Weather Channel.
- Also researched, wrote and appeared in weather and environment stories and seasonal outlooks and international weather stories.
- While with The Weather Channel, we were nominated for the AMS award for Outstanding Services by a Corporation for our unique ability to provide severe weather warnings of a very local nature, The Weather Channel received the award in 1989.
- Also taught courses on weather and climate at Georgia Tech and course at Kennesaw State College for our employees.

Meteorologist/Producer

January 1980 - October 1981

#### ABC GOOD MORNING AMERICA

- Assisted John Coleman in preparing ABC's network morning weather shows.

- Our team earned the National Weather Association public service award for the most significant contribution to meteorology by a corporation and John Coleman won the AMS award for Outstanding Services by a Broadcast Meteorologist.

Assistant Professor of Meteorology/ Chair of the Department

January 1974 - January 1980

**LYNDON STATE COLLEGE**

- Recruited to help build new college program – designed and taught courses in Introduction to Meteorology and Climatology, Microclimatology, Synoptic Analysis and Forecasting and Advanced Synoptic Meteorology.
- Conceived of and instituted numerous programs that involved students both in and out of the classroom and meteorological laboratory and exposed and promoted the program within the meteorological community.
- The enrollment grew from 37 to 137, becoming one of the largest undergraduate programs in the nation.
- Instituted and chaired the Northeast Winter Storm Conference now in its 47th year.
- While at TWC, founded two weather companies - Sentry Weather Forecasting Services, providing forecasts for media and ski areas in New York and New England and the Great American Weather Calendar Company, which produced two nationally distributed weather calendars.
- Paper with student in The National Weather Digest on The Storm of February 6-7, 1980 in August 1983.
- Students achieved high-level roles as the COO of NWS, CEO of Universal Weather, and NASA Space Flight meteorologists and many on-air forecasting roles in major markets.

Meteorologist Producer

January 1971 - January 1974

**CBS WEATHER CENTER**

- Forecaster for the WCBS Newsradio and WCBS-TV weathercasters and for the CBS Network show "Energy".
- Research support for stories for WCBS-TV on beach erosion and killer tornadoes and provided forecasts for industry and weather and science reporting for WVOX and WHBI.

**EDUCATION**

Vermont State Colleges PhD (honorary) for successes at Lyndon State and Weather Channel

New York University Air Resources Doctoral Studies Program ABD

University of Wisconsin MS Meteorology (thesis on Explosive Development in East Coast Storms) University of Wisconsin, BS Meteorology Graduated cum laude

**ACCOMPLISHMENTS**

- Elected to the Council of the AMS 2005.
- Chaired the AMS Committee on Weather Analysis and Forecasting 1993-94.
- A member of the Committee on Weather Analysis and Forecasting from 1991-93.
- Chaired and co-chaired national conferences for the professional meteorological societies including the National Weather Association Annual Meeting in Atlanta in 1984 and the 13th Annual AMS Conference on Weather Analysis and Forecasting in 1993 in Vienna, Virginia.

- Presented numerous papers at national and regional conferences on applications of the new technologies (such as radar based precipitation estimates and workstation supported operational decision making), east coast storms, breakthroughs in seasonal climate prediction and why the oceans and the sun are the real drivers behind climate change.
- Briefings in 2006 and 2007 on Capitol Hill in press conferences and in front of committee and staffer members on climate change.
- Presentation to the White House team of Science Advisors to the President on the status of Weather and Climate and seasonal forecasting.
- Briefing for Connecticut State Environmental Committee on Climate.
- Presentations on hurricane season threats for the NEDRIX conference, June 2006, Climate and seasonal forecasts NWS Winter Weather Workshops 1996-2016 (Boston, DC).
- 2010, Mensa and Intertel Annual Meetings.
- Spoke at briefings at ICE and CBOT, FC Stone, Top Producer Seminar.
- Spoke in Beijing at a technology seminar and in Hong Kong on technology for the new airport. Addressed a precision agricultural weather conference in Gramada, Brazil July 2010.
- Regular speaker at WSI Energy and AG client briefings in Houston, New York and Chicago.
- IOGA WV February 2007 and IOGA PA May 2007, IOGA OH 2008, John Hopkins Lab 2009, Heartland ICCO I 2008, ICCO II 2009, ICCO, Simple KISS Model to Examine the Relationship between Atmospheric CO<sub>2</sub> Concentration, and Ocean and Land Temperatures, Taking into Account Solar and Volcanic Activity as well as Fossil Fuel Use".
- Contributing author of the NIPCC and ISPM reports and AMICUS briefs to the DC Circuit and supreme court and briefs to the EPA.
- Have been interviewed by many newspapers and local and national cable television services (ABC News, FOX, The Discovery Channel, CNN's Lou Dobbs, PBS, WBZ, NECN, WCVB, KUSI).
- Appeared in programming for ABC and the Discovery Channel on numerous stories for the ABC produced Discovery News, as well as for the Discovery Digital Channels on major weather events, climate change and weather's effect on health.
- This included many Boston TV and radio interviews.
- Co-sponsored as Icecap the 3 International Climate Conferences in New York City and Washington, DC attended by 1800 international scientists from over 20 countries.
- Was a speaker at three of the conferences with 200 others from over 20 countries.
- Lastly in a competition with all the world's top climate scientists and environmentalists I ranked #1. <http://visionprize.com/>, <http://visionprize.com/leaderboard/>.

## **AFFILIATIONS**

Elected Fellow of the American Meteorological Society. Charter member of SIGMA ZETA, the national Honorary Science Society; member of the Atlanta Red Cross Emergency Community Services Committee, NWA member, MENSA

## **PUBLICATIONS/PROFESSIONAL ACTIVITIES**

- Editorial Board of the AMS Glossary of Meteorology, Second Edition, 2000

- Served as a meteorological consultant and editor for Nature's Fury, a Reader's Digest Book on the world's worst weather phenomena.
- Author of Oryx Press Resources Guide to El Nino and La Nina, Greenwood Publishing, May, 2002.
- Author of "Is Global Warming on the Wane?" for Yankee Publishing's OFA in 2009 and editorials and stories for many newspapers and magazines.
- Publications include numerous white papers for corporate use and numerous peer reviewed papers in National Weather Digest
- E&E on the "Role of the Oceans and Sun in Multidecadal Climate Changes" and Elsevier (papers on "A Critical Look at Surface Temperature Records", the "Relationship of Multidecadal Global Temperatures to Multidecadal Ocean Cycles", "Solar Changes and the Climate"
- D'Aleo, J.S., Coleman, J., 2019, Weather Channel Pioneers, Amazon Book on the effort to launch the cable TV Weather Channel in 1982.
- D'Aleo, J.S., 1970, Explosive Redevelopment in East Coast Cyclones, University of Wisconsin Masters Thesis
- D'Aleo, J.S., Bernier, A., 1983, The Anniversary Storm of February 7-8, 1980, NWA Digest 84, 22-35
- Glickman, T., D'Aleo, J.S. (one of the editorial board), 2000, AMS Glossary of Meteorology, AMS Publications
- D'Aleo, J.S., Grube, P.G., 2002, Resource Guide to El Nino and La Nina, Oryx Press, Greenwood Publishing ISBN 1-37356-378-1
- McKittrick, R., D'Aleo, J.S., Khandekar, M., Kininmonth, W., Essex, C., Karlen, W., Karlen, O., Clark, I, Murty, T., O'Brien, J.J., 2007, Independent Summary for Policymakers, IPCC Fourth Assessment Report, Fraser Institute
- Idso, C., Singer, F., 2008, Nature, Not Human Activity Rules the Climate, Heartland Institute, I was one of 28 contributing authors focusing on the role of the oceans and sun.
- Lead Scientist of 14 scientists in Amici Curiae Scientists in Support of Petitioners in DC Circuit Court vs EPA 2011 USCA Case #09-1322 Document #1312291 Filed: 06/08/2011 On Petition for Review of 74 FED. REG. 66,496 (Dec. 15, 2009) and 75 FED. REG. 49,556 (Aug. 13, 2010) (Consolidated) Yetter Coleman LLP (sworn testimony by team)
- D'Aleo, J.S., 2009, Is Global Warming on the Wane, Old Farmer's Almanac special report
- NIPCC Climate Change Reconsidered, 2011, Idso, C., Carter, R.M., Singer, F., one of the contributing authors, Heartland Institute NIPCC Climate Change Reconsidered II, 2013, Idso, C., Carter, R.M., Singer F., one of the contributing authors on the Extremes section, Heartland Institute
- D'Aleo, J.S., Easterbrook, D.J., 2010, Multidecadal Tendencies in ENSO and Global Temperatures tied to Multidecadal Ocean Oscillations, Energy and Environment, 21 (5), 436-460
- D'Aleo, J.S., 2011, A Critical Look at Surface Temperature Records, Evidence Based Climate Change Series, Elsevier, 91-142
- D'Aleo, J.S., Easterbrook, D.J., 2011, Relationship of Multidecadal Global Temperatures to Multidecadal Ocean Oscillations, Evidence Based Climate Change Series, 161-184
- D'Aleo J.S., Solar Changes and Climate (a look at amplifying solar factors besides TSI), 2011, Evidence Based Climate Change Series, 253-276
- Wallace, J.P., Finizza, A, D'Aleo, J.S., 2011, A simple KISS model to examine the relationship between atmospheric CO2 concentration and ocean and land surface temperatures taking into consideration solar and volcanic activity as well as fossil fuel use, Evidence Based Climate Change Series, 353-382 Scientist in support of Southeast Legal CERT Petition vs. EPA to the Supreme Court, 2012, On Petition For Writ Of Certiorari To The United States Court Of Appeals For The District Of Columbia Circuit (sworn testimony by team)
- Wallace, J.C, Christy, J., D'Aleo, J.; On the Existence of a "Tropical Hot Spot" & The Validity of EPA's CO2 Endangerment Finding, Abridged Research Report, August 2016, and On the Existence of a "Tropical Hot

Spot" & The Validity of EPA's CO2 Endangerment Finding, Abridged Research Report, April 2017, Second Edition

- D'Aleo, J.S., Global Average Surface Temperature Measurement Uncertainties, THS Research, May 2017
- Wallace, J.C, Idso, C., D'Aleo, J., On the Validity of NOAA, NASA and Hadley CRU Global Average Surface Temperature Data & The Validity of EPA's CO2 Endangerment Finding Abridged Research Report, June 2017
- Research Reports on Extremes of weather/climate [http://icecap.us/index.php/go/political-climate/alarmist\\_claim\\_rebuttals\\_updated/](http://icecap.us/index.php/go/political-climate/alarmist_claim_rebuttals_updated/)