



Walker of All Trades, LLC



Capabilities Statement

Walker of All Trades, LLC is a small, research-driven consulting firm providing **applied atmospheric science, transportation meteorology, data analytics, and AI-enabled decision support** to public agencies, research institutions, and private-sector partners. We specialize in translating complex environmental and transportation data into **actionable insights that support planning, operations, resilience, and risk management**. Founded and led by a Ph.D. atmospheric scientist, Walker of All Trades bridges the gap between **cutting-edge research and real-world implementation**, supporting clients across transportation, climate adaptation, emergency management, and infrastructure systems.

Core Competencies

- Atmospheric Science & Applied Meteorology
- Transportation Weather & Road Weather Impacts
- Data Science, Statistics & Advanced Analytics
- Artificial Intelligence & Machine Learning Applications
- Geographic Information Systems (GIS) & Spatial Analysis
- Weather, Climate & Hazard Impact Assessment
- Decision Support Tools & Data-Driven Strategy

Differentiators

- **Transportation–Weather–AI Nexus:** Rare expertise integrating meteorology, transportation systems, and advanced analytics
- **Research-to-Operations Focus:** Proven ability to operationalize academic and national-lab research for agency use
- **Flexible Partner Model:** Effective as a prime, subconsultant, or technical specialist on multidisciplinary teams
- **Trusted Government Experience:** Deep familiarity with federal, state, and academic research environments
- **Clear Communication:** Ability to translate complex science for engineers, planners, policymakers, and executives

Experience

- Applied research supporting transportation weather risk assessment and decision support initiatives
- Research and technical collaborations with **federal and state agencies, universities, national laboratories, and FFRDCs**
- Development of **data science and AI applications** for weather, transportation, and infrastructure decision-making
- Author of **peer-reviewed publications** in high-impact scientific journals
- Frequent presenter at **national and international conferences**
- Advisory and research contributions supporting **transportation research centers**

Company Snapshot

Established: 2025
Business Type: Small (Two-Member LLC)
CAGE: 0QVJ4
UEI: TAQMV5NMYWQ7
DUNS: 119438624

NAICS Codes

541715 – Research and Development in Physical, Engineering, and Life Sciences
541990 – All Other Professional, Scientific, and Technical Services
518210 – Data Processing, Hosting, and Related Services
541690 – Other Scientific and Technical Consulting Services

Leadership:

*Dr. Curtis L. Walker, M.ASCE is an atmospheric scientist and applied research leader with extensive experience in **transportation meteorology, AI/ML applications, and weather-related risk analysis**. He has held leadership and service roles across major professional organizations, including **ASCE, AMS, AAG, ITSA, TRB, and AGU**, and brings a strong record of funded research, stakeholder engagement, and interdisciplinary collaboration.*

Contact

Dr. Curtis L. Walker, Managing Member
curtis@walkerofalltrades.com
www.walkerofalltrades.com
Phone: 917-399-5544
6416 Spring Gulch St, Frederick, CO 80516

Key Clients

Local, State and Federal Agencies, Universities, Transportation Research Centers