CAGE Number: 8CA22
UEI: NXCDJJXLQ1J1
EIN: 27-5078437

NIACS Codes
- **334519**
- **541690**
- **541715**
- **541990**
- **624230**
- **812910**
- **813212**
- **813312**

Performance Highlights
- **Sustainable Energy**

- **Innovation Leader**

- **Technology Partnerships**

- **Community Impact**

Past Clients
We are proud to have served:
- AmeriCorps
- Carnival Corporation
- Halifax Regional Government
- HCA Healthcare
- Solis Power
- Tenant Health
- University of Miami

High Alert Institute, Inc. is a 501(c)(3) non-profit dedicated to action and impact in the All-Hazards, One Health, One Nature framework. With over 23 years of experience in disaster humanitarian work, we innovate with purpose to address critical global and local challenges.

Environmental, Social, and Genomic Drivers of Health (ESDoH+G) Big Data Analysis leverages the unparalleled integration of ecological, social, and genomic health drivers with advanced AI-driven big data analytics. By harnessing exabytes of underutilized global datasets, we deliver actionable insights into the complex causal relationships that impact health equity, resilience, and well-being for people, animals, plants, and their habitats.

Core Technology & Innovation
The ESDoH+G Big Data Analysis will uncover the causal relationships that impact health equity, resilience, and well-being of people and the animals and plants in their shared environs.
- **Proven Best Practices Combined**
  AI-powered analysis + Global Datasets + Institute-vetted resources & parameters
  - **Environmental Drivers**
    Causal analyses to identify population health impacts for environmental, pollution, and climate factors
  - **Socioeconomic Drivers**
    Regional and local cluster analyses connecting health impacts to socioeconomics and education
  - **Genomic (Ethnobiologic) Drivers**
    Population cluster analyses relating genomic & cultural characteristics to health outcomes
  - **Location and Time Specific Analysis**
    Multifactorial analyses across time and locations to provide specificity

Competitive Advantage and Differentiators
What sets High Alert Institute apart:
- **Experienced Health Tech Leadership**
  Board certified Health-AI providers, software developers & data scientists
- **Expertise & Educational Prowess**
  170+ subject matter experts volunteer time and talent, supporting Institute programs, projects, and publications
- **Disaster & Humanitarian Expertise**
  Knowledge and experience to address needs for hazard mitigation, emergency operations, and extreme environments
- **Patent & IP Portfolio**
  Multiple patents plus technology transfers and copyrighted publications
- **Carbon-Neutral Impact**
  Home to North America's most sustainable renovated facility, designed solely with market-available technologies

Funding Alignment
- **1% For the Planet Certified Nonprofit**
- **IP Licensing & Technology Transfer**
- **Humanitarian Health Funding**
- **Corporate & Individual Donors**
- **For-Profit/Nonprofit Collaborations**
- **Foundation & Private Grants**
- **Municipal & Federal Grants**
- **Cooperative Research & Development Agreements (CREDA)**

Collaborative Opportunities
- **ESG-Driven Programs & Projects**
  Existing and new for-profit/nonprofit project markets in artificial intelligence, environmental, healthcare, socioeconomic, and public policy sectors
- **SDG-Conforming Solutions & Impacts**
  Address key environmental, social, and governance goals with scalable, high-impact solutions

Call to Action
We invite experts, stakeholders, volunteers, and donors to join us in advancing health equity, energy resilience, environmental justice, and global health for disadvantaged, historically marginalized, underserved and unserved people and communities. Opportunities include:
- **Scaling** innovation
  Bring our 1st in class and best-in-class unexpected solutions to the world
- **Launching** demonstrators
  Showcase the power of unexpected solutions for local and global challenges
- **Expanding** programs, patents, and projects
  Drive technology development with new partnerships and intellectual property opportunities

Contact Us
Together, we will redefine sustainability.
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