

Form Name:	National Armaments Consortium (NAC) Executive Committee Member Application Form 2026
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CANDIDATE INFORMATION

Name	Nicholas DAmbrosio
Title	CEO
Organization	The Nomad Group, LLC dba NOMADICS
Organization Type	Small Business
Address	
Email	
Phone	

CANDIDATE STATEMENTS

Explain how your background, training, experience and/or personal qualities support your candidacy to assume a governance position on the Executive Committee. Provide resume as a separate attachment.

Dr. D'Ambrosio is an environmental, engineering, defense and geospatial intelligence professional with over twenty-five years of experience and twenty years as a business owner in the environmental strategy, weapons engineering, national defense and intelligence consulting industries both domestic and abroad. Dr. D'Ambrosio holds multiple publications, awards, and has served as professor of geospatial intelligence, environmental science, engineering, and national policy at various higher education institutes for over a decade.

Over the past two decades, I have built my career around advancing innovation through collaboration across government, industry, academia, and the defense community. As Founder and Chief Executive Officer of NOMADICS, I have grown the company from a small environmental consulting practice into a defense engineering and technology firm supporting the U.S. Army, Navy, and other federal agencies while participating in more than twenty defense research and development collaborations and consortiums.

My experience spans executive leadership, technology development, business strategy, and defense acquisition support. I have led multidisciplinary teams, managed organizational growth, developed strategic partnerships, and overseen operations, finance, and research initiatives while maintaining a strong focus on ethical leadership, accountability, and long-term sustainability. Working directly with organizations such as the U.S. Army DEVCOM Armaments Center at Picatinny Arsenal and the Office of Naval Research has provided me with firsthand insight into the challenges and opportunities facing the defense industrial base, particularly in accelerating innovation and transitioning emerging technologies to the warfighter.

Beyond my executive responsibilities, I have sought opportunities to serve the broader public interest through governance and advisory leadership. My appointments to the U.S. Environmental Protection Agency Science Advisory Board, advisory roles with higher education institutions, and previous service on nonprofit and public boards have strengthened my appreciation for collaborative governance, fiduciary responsibility, and consensus-driven decision-making. These experiences have reinforced the importance of balancing diverse stakeholder interests while remaining focused on mission outcomes.

I believe the National Armaments Consortium plays a critical role in connecting innovative companies, government, and academia to rapidly deliver capability to the warfighter. As an Executive Committee member, I would bring the perspective of a small business leader who has successfully navigated defense research,

prototyping, engineering, and technology transition while working alongside organizations of every size. I understand both the opportunities and challenges facing consortium members and would work to ensure NAC remains transparent, responsive, innovative, and focused on strengthening the nation's armaments enterprise.

Most importantly, I view governance as an opportunity for stewardship rather than representation of any single organization. I would approach Executive Committee service with integrity, sound judgment, strategic thinking, and a commitment to advancing the collective success of the Consortium and its members while supporting the mission of the U.S. Department of Defense.

Supporting Attachment(s)

What do you see as the most significant challenge(s) facing the business type you will represent and how would you propose to address those challenges if elected?

The most significant challenge facing small businesses within the defense industrial base is the growing gap between innovation and execution. Small businesses are increasingly responsible for developing transformative technologies, yet many struggle to transition those innovations into sustained Department of Defense programs due to limited resources, complex acquisition processes, inconsistent funding continuity, cybersecurity compliance requirements, and barriers to scaling production.

While initiatives such as Other Transaction Authorities (OTAs) have significantly accelerated collaboration between government and industry, many small businesses still face uncertainty after successful prototype development. The transition from prototype to production often lacks sufficient visibility, predictable pathways, or sustained engagement with acquisition stakeholders. At the same time, compliance requirements-including cybersecurity, contracting, reporting, and supply chain obligations-continue to expand, disproportionately impacting small businesses with limited administrative capacity.

If elected to the Executive Committee, I would advocate for initiatives that strengthen the entire innovation ecosystem while maintaining NAC's mission of delivering capability to the warfighter. Specifically, I would support efforts to:

- 1 - Improve communication between government sponsors, prime contractors, and consortium members regarding technology transition opportunities.
- 2 - Increase transparency into project selection, follow-on opportunities, and best practices that help members successfully navigate the acquisition process.
- 3 - Promote educational resources and mentorship that help emerging companies mature their technical, contractual, manufacturing, and cybersecurity capabilities.
- 4 - Encourage greater collaboration among members to build complementary teams that combine innovation with production capacity and operational experience.
- 5 - Continue strengthening NAC's reputation as a trusted, agile partner capable of rapidly delivering innovative solutions to the Department of Defense.

As both a consortium participant and the founder of a small defense business, I understand the opportunities and challenges from firsthand experience. I believe the Executive Committee should work to ensure NAC remains a place where innovative companies of all sizes can successfully collaborate, compete, and transition technologies that strengthen our national security. Ultimately, the Consortium's success should be measured not only by the number of projects awarded, but by the capabilities successfully delivered to the warfighter and the strength of the

industrial base that supports them.

Please describe the importance of the NAC to your organization and provide a synopsis of the participation in NAC/DOTC since becoming a member (e.g., number of proposal submissions, awards, industry days and membership meeting attended).

NOMADICS first became engaged with the National Armaments Consortium in 2019, recognizing NAC as one of the premier organizations for fostering collaboration between government, industry, and academia to accelerate the delivery of innovative capabilities to the warfighter. We formally joined the Consortium in 2021 because we viewed NAC as much more than a contracting vehicle-it represented a strategic partnership and community committed to advancing defense innovation.

Since becoming a member, our participation has grown alongside our company's evolution within the defense sector. We have actively monitored consortium opportunities, participated in consortium communications, attended industry and member events when possible, and selectively pursued proposal opportunities that aligned with our technical expertise and long-term strategic objectives. As a growing small business, we have intentionally focused on opportunities where we could provide meaningful value while continuing to build the capabilities necessary to support increasingly complex armaments programs.

During this period, NOMADICS has significantly expanded its defense portfolio. Today, we provide engineering support to the U.S. Army DEVCOM Armaments Center at Picatinny Arsenal while continuing our long-standing support of U.S. Navy research and development programs. These experiences have strengthened our technical capabilities, broadened our understanding of the armaments enterprise, and positioned us to become a more active contributor within NAC.

Looking ahead, we expect our participation in NAC to increase substantially. As our organization continues to mature, we intend to pursue additional prototype opportunities, expand collaborations with fellow consortium members, participate more actively in industry events and working groups, and contribute wherever we can to strengthening the Consortium and the broader defense industrial base.

The National Armaments Consortium has been an important part of our growth in the defense market, and I view Executive Committee service as an opportunity to give back to an organization that has helped foster that growth. I would welcome the opportunity to help ensure NAC continues to provide value to both long-standing members and emerging companies, while remaining focused on collaboration, innovation, and delivering capabilities that support the warfighter.

WILLINGNESS TO SERVE CERTIFICATION

Signature

A handwritten signature in black ink, consisting of a stylized 'K' followed by a large, sweeping loop.

Date

06/30/2026

Nicholas M. D'Ambrosio Ph.D., GISP

Chief Executive Officer, Founder

Dynamic, outcome-driven C-Suite leader and award-winning educator with more than 20 years of experience delivering large scale data analytics, digital information, and defense & engineering solutions in the public, private, and defense sectors, to facilitate risk mitigation, informed decision-making, and effective deliverables, domestically and internationally.

Chief Executive Officer & Founder, The Nomad Group, LLC (dba NOMADICS)
2006 - Present

Key Achievements

- Founded with a focus on environmental strategy and implementation.
- Developed and implemented a customer-centric business plan to enter new growth markets.
- Pivoted service offerings to streamlined data analytics processes, directed engineering and national defense support.
- Led the application and subsequent acceptance of NOMADICS into 20 R&D collaborations and consortiums in defense, academia, and the private sector.
- Received YOY revenue growth from 2019 through 2025.

Key Responsibilities

- Oversight of all business areas including operations, finance, human resources, and proprietary technologies.
- Assembled interdisciplinary executive team with proven record of exceeding corporate targets.
- Developed management dashboards to support financial position and risk mitigation strategies.
- Provided direct client support, shaping efforts to drive organic growth and follow-on requirements.
- Captured new work through grant, defense, federal, state, local, commercial, and academic and non-profit clients.
- Spearheaded R&D projects, leveraging proprietary technology to support and expand client success.
- Directed brand repositioning, increasing brand awareness, and resulting in new clients and strategic partnerships.

Notable Experience

**United States Department of Defense: Department of the Army
DEVCOM/ARDEC/CCDC AC/METC - Picatinny Arsenal**

Wharton, New Jersey - 2024 – Present

- NOMADICS supports the U.S. Army Armament Research, Development and Engineering Center (ARDEC) in the engineering, prototyping and manufacturing of next-generation munitions (small, medium, and large caliber), through leveraging our U.S. Navy weapons engineering experience to transition those capabilities for the Army's benefit in on-the-ground warfighter support.

Contact Information

Education

Doctorate, Environmental Science & Management
Montclair State University, 2017

Master of Science in Sustainability Science
Montclair State University, 2017

Master of Science in Environmental Policy Studies
New Jersey Institute of Technology, 2009

Bachelor of Arts in Philosophy
Seton Hall University, 2004

Government Relations

U.S. Department of Defense

United States Army
United States Air Force
United States Coast Guard
United States Marine Corps
United States Navy
United States Space Force
National Security Agency
National Geospatial-Intelligence Agency
National Reconnaissance Office
Space Development Agency
Missile Defense Agency

United States Army Corps of Engineers

Naval Facilities Engineering Systems
Command

Naval Supply Systems Command

U.S. Department of Homeland Security
Federal Emergency Management Agency

Department of the Interior

United States Fish and Wildlife Service
U.S. Environmental Protection Agency
National Park Service

State, County & Local Governments

- In addition to this direct support, NOMADICS provides engineering subject matter experts to Picatinny Arsenal for the U.S. Army Combat Capabilities Development Command Armaments Center (DEVCOM/CCDC AC), specifically within the Munitions Engineering Technical Center (METC). This includes contributing to engineering and research and development activities vital to the development and advancement of U.S. Army munition technologies.

**United States Department of Defense: Department of the Navy
Office of Naval Research (ONR) & Naval Sea Systems Command (NAVSEA)
CONUS: Indian Head, Maryland (NSWCiHD), Newport, Rhode Island
(NUWC DIVNPT), Panama City, Florida (NSWCPC), San Diego, California (NIWCPAC)
Washington Navy Yard (WNY),**

OCONUS: Naval Support Activity Bahrain (NSA Bahrain #1 & #2)

2012 - Present

- Forward deployed in Bahrain as ONR/NAVSEA program liaison for logistics, support, and preparation for CENTCOM in-theatre operations, in support of the 5th Fleet.
- Supported contractor selection, design review, construction, and maintenance for "Shed 2" Unmanned Undersea Vehicles Operations Facility and future joint Unmanned Vehicles Operations Facility.
- Logistics Specialist for arrival, preparation, mobilization, and demobilization phases for ONR UXV and PMS-406 & 408 UUV/USV programs.
- Support various facets of PMS-406 & 408 on Unmanned Undersea Vehicles (UUV) and Unmanned Surface Vehicles (USV) programs.
- Provide subject matter expert technical support, research, development, and delivery of System Analysis, Protocol, and Risk Assessment documentation and fielding for various aspects of UUV Systems of the PMS-394, 406, 408, SOCOM Missions Programs.

Kansas COVID-19 Digital Information Management Support Services

Topeka, Kansas - 2022 – 2024

- Aligned NOMADICS capabilities to provide remote support for Witt O'Brien's (WOB) and the State of Kansas (KS) to aid efforts in tracking COVID-19 test spending. NOMADICS was engaged to utilize Information Technology insertions to establish an automated, accurate and easy to use Data Management and Reporting System (DMRS) resource for the Kansas Department of Health and Environment (KDHE) state finance officials.
- Developed automated/data-driven visualizations and dashboards to monitor, track, and project agency operational spending for COVID-19 testing with relation to various awarded funding sources. These provide confidence for informed decisions based on sound, validated data, and provide user-driven, customized, and scalable visualization solutions to workflows.

Academic & Agency Leadership

Science Advisory Board Appointee

U.S. Environmental Protection Agency
Washington, D.C.

April 2026 – September 2029

Advisory Committee Member

County College of Morris
Environmental & Sustainability
Randolph, New Jersey

April 2026 - Current

Advisory Council Member

Stevens Institute of Technology
Center for Sustainability
Hoboken, New Jersey

September 2025 - Current

Adjunct Professor

County College of Morris
Department of Biology & Chemistry
Randolph, New Jersey

2018 – 2020

Adjunct Professor

New Jersey Institute of Technology
Department of Chemistry & Environmental
Sciences

Environmental Policy Program
Newark, New Jersey

2017

Doctoral Fellow

Montclair State University
College of Science and Mathematics

Doctoral Assistant

Montclair State University
Geographic Information Systems & Remote
Sensing (I & II)

Montclair, New Jersey

2014 - 2019

Adjunct Professor

Passaic County Community College
Department of Environmental Science
Paterson and Wanaque, New Jersey

2011 – 2012

Adjunct Professor

Seton Hall University
School of Arts & Sciences: Intro to
Geographic Information Systems

South Orange, New Jersey

2008

**South Carolina Expedited COVID-19 Digital Information Management Support
Columbia, South Carolina - 2021 – 2023**

- Rapidly deployed on-site and remote solutions and project management to support state COVID-19 vaccine distribution efforts in partnership with Emergency Management Division and Department of Health and Environmental Control, including data system coordination, integration, and automation.
- Developed and implemented real-time artificial intelligence solutions to focus datasets and workflow into a centralized dashboard that enabled equitable decision-making, verified financial projections for state officials, and anticipated and remedied workflow failures that impeded distribution.

COVID-19 Case Management and Vaccine Distribution & Inoculation Models

Project: Sure Shot & Project: Broad Street, Morristown, New Jersey - 2021 – 2023

- Led the creation and implementation of a proprietary platform to monitor and visualize the localized spread of COVID-19 in real-time, helping local leaders to make informed decisions and mitigate risk.
- Aided in vaccination response strategies across the United States by researching and aggregating private, public, and academic data sources into customizable dashboards for agency and municipal leaders.
- Development of this technology is on-going and to date, interactive dashboards have been created for ten states.

Verizon: 3D Digital Twin Modeling AI for 5G Urban Planning & Implementation

Basking Ridge, New Jersey - 2021 – 2023

- Spearheaded a cooperative research and development agreement resulting in an exclusive technological model applying artificial intelligence, automation technology, edge computing, and immersive technology to virtually prototype the rollout of 5G technology and build competitive advantage for Verizon.
- Convened multiple datasets to deliver true-to-life digital twins of 62+ U.S. cities with 5G signal penetration modeling and simulation accurate to within a cm², significantly accelerating planning, due diligence, and ultimately rollout.

FEMA Rebuild Florida Hurricane Irma Environmental Response (Tier II)

Tallahassee, Florida - 2019 – 2023

- Led the spatial analysis and GIS development of 14 environmental impact data sets across 8,000 sites critical to FEMA and the state of Florida's recovery from Hurricane Irma.

PSE&G Northeast Grid Reliability Project

Northern New Jersey - 2012

- Supervised as Lead GIS Specialist & Municipal Relations Director, managing all GIS development across nine municipalities, responsible for cartographic process, communications, environmental compliance, administration, supervision, and data QA/QC.

Adjunct Professor

Rutgers University
Edward J. Bloustein School of Planning and
Public Policy: Intro to Geographic
Information Science for Urban Planners
New Brunswick, New Jersey
2007 – 2008

Honors & Awards & Accolades

Borough of Morris Plains, New Jersey
Mayoral Key Honor: Mayor Jason Karr
April 2026

Society of American Military Engineers
The Military Engineer (TME)

Faces of Federal Business 2025
Showcase Top Leaders & Innovators
October 2025

MSN Business

The Faces of 2025: Entrepreneurs Making
Their Mark – [Click Here for Article](#)
August 1, 2025

Morris County, New Jersey

Morris County Chamber of Commerce
Business of the Year
2025

NSBA National Small Business Association

Lew Shattuck Small Business Advocate of
the Year Award-Nominee
2023

ANJEC-Association of New Jersey
Environmental Commissions

Environmental Achievement Award
2017

NAVSEA/ONR NUWCDIVNPT

Rapid Insertion/Speed-to-Fleet
Excellence Recognition Award-Nominee
2015

Garden State GreenFest Awards

Environmental Professor of the Year
2014

Licenses & Certifications

Eligible for Access to Secret Information
based on T3 Background Investigation
National Agencies Credit and Law
Enforcement Check
Completed 26JUN2013
Granted 04OCT2013
Currently Active

**ExxonMobil Silvertip Pipeline Incident Response: Incident Command Post:
Yellowstone River, System Technical Planning & Operations**

Billings, Montana - 2011

- Served as Lead GIS Analyst & Ecological Support, working the U.S. Coast Guard, ExxonMobil, USEPA, USFWS, private contractors, and field crews to coordinate and develop protection, recovery, and rehabilitation strategies.

**BP Deepwater Horizon Incident: Macondo Prospect MC 252: Gulf Response
Incident Unified Command: System Technical Planning & Operations**

Houma & New Orleans, Louisiana and Mobile, Alabama - 2010

- Coordinated and applied data streams from multiple third parties to provide forecasts and modeling in support of U.S. Coast Guard, BP, and private contractor recovery operations.
- Responsible for Health & Safety Plans for hazardous waste remediation crews, field biologists, and GIS data collection specialists, including safety orientations, daily briefings, and adjustments to personnel at specific locations across Louisiana Forward Operation Branches.

Geographic Information Systems
Professional (GISP)
GIS Certification Institute
Issued November 2012
Credential ID 43280

Anti-Terrorism Level I Training (ATL-1)
United States Department of Defense
Issued August 2013
Credential ID 1432042521763422A8F

Construction Quality Management for
Contractors USACE CQM
US Army Corps of Engineers
Issued September 2013

Professional Associations

The Passaic River Coalition
Member of the Board of Trustees
2016 – 2018

**The Essex County Environmental
Commission**
Commissioner
2015 – 2018

**The Association of New Jersey
Environmental Commissions**
Member of the Board of Trustees
2012 – 2018

South Orange Development Committee
Member
2012 – 2018

06.2026