



## CHANGE

Corporate Headquarters  
14 Stonehurst Drive  
Queensbury, NY 12804  
(518)-636-3427

Consulting for Health, Air, Nature, & a Greener Environment, LLC

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### **Capability Statement**

#### ***Summary of Expertise***

CHANGE is a certified Veteran Owned Small Business (VOSB) environmental health consulting firm dedicated to providing expert consulting in all areas related to national and international air quality consulting. Areas of expertise include environmental health, indoor and outdoor air quality and human health exposure assessments, public health, technical consulting in indoor & ambient air quality monitoring and measurement.

CHANGE has become known for always providing professional expert air quality and human health consulting. Clients include nationally and internationally renowned academic institutions and researchers, hospital administrators and facilities management, independent researchers, non-governmental organizations (NGO's), non-profit organizations (NPO's), domestic and international corporate research and development firms, federal and state highway authorities, Boards of Health, city public health leaders, and a variety of national and international environmental health working groups and advisory boards. Clients have come to rely on the expertise at CHANGE that has allowed CHANGE to become an internationally renowned and respected environmental health consulting firm.

#### ***Certifications***

Agency of Toxic Substance and Disease Registry (ATSDR)-Risk Assessment Phase I and II Remediation

#### ***Core Competency Expert Services:***

- Indoor Air Quality
- Ambient Air Quality Monitoring and Measurement
- AERMOD, MOVES 2010, Factor Analysis, and Positive Matrix Factorization (PMF) Modeling
- Mobile Source Air Toxic (MSAT) Modeling
- Technical Consulting for Air Quality Measurements and Monitoring
- Hospital and Health Care Facilities Bioaerosol Assessments
- Title V Permitting of Major and Minor Air Pollution Sources
- Environmental Litigation Support
- Ecological Risk Assessment
- Environmental & Human Health Risk Assessments
- Environmental Health and Safety
- Environmental Management Systems (EMS) Consulting
- Industrial Hygiene
- Health Impact Assessments

- Health and Safety Consulting
- Noise modeling and analysis (Highway, Rail, Vibration)
- Environmental Planning and Sustainability
- Second Hand Smoke Exposure Monitoring and Testing

***Additional CHANGE Services:***

- Green House Gas (GHGs) Emission Inventories
- Climate Change & Air Quality Impact Consulting
- NEPA/CEQA
- Toxicology
- Asbestos Consulting
- Airport Sustainability & Air Quality
- Quality Assurance and Control Measures
- Quantitative and Qualitative Analysis
- Quality Assurance Project Plan (QAPP) Development
- Combustion Toxicology
- Environmental Design
- Transportation and Traffic Planning
- Infection Control
- Water Quality
- Waste Water Management
- Expert Witness
- RCRA & CERCLA
- Auditing
- Hazard Waste Management

**President of CHANGE Expertise**

Dr. McAuley has been a principal investigator and researcher in several ambient urban and indoor air quality studies conducted both domestically and internationally. He is regarded as an expert in technical knowledge for a large variety of air quality instrumentation along with providing expert statistical interpretations and analysis related to environmental data for indoor, ambient air quality, toxicology, and risk assessments. Dr. McAuley's strong background has allowed him to be a leader in educating fellow researchers and clients on the pathways related to air pollution exposures and various systemic and peripheral inflammatory mechanisms related to these exposures. He has been a key resource in implementing and designing two mobile air quality laboratories. Since founding CHANGE in 2009, he has led several air quality studies focusing on health effects to air pollution, aerosol monitoring and measurement. This has allowed Dr. McAuley to be one of only a few recognized experts in the air quality and aerosol fields to be relied on for expert advice in all technical and analytical components of air quality research while also being a leading expert in areas of research regarding air pollution and assessment of cardiovascular, pulmonary, air pollution study designs, and general adverse health effects related to various air pollution exposures.

## **Education**

- PhD, Environmental Science and Engineering, Clarkson University, 2006
- MS, Chemistry and Molecular Chemistry, Clarkson University, 2003
- BS, Biochemistry, The College of Saint Rose, 2000

## **NAICS Codes**

541620 – Environmental Consulting Services  
541330 – Environmental Engineering Services  
541690 – Other Scientific and Technical Consulting Services

## **DUNS Number**

962650037

## **Cage Code**

60NF5

## **Contact Information**

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President and Founder, **CHANGE**  
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## CHANGE Global Office Locations

### **New York (*Upstate*)**

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