

**Virtual Small Business Emergency
Operations Center (VSBEOC):
Shared Awareness and Decision
Making for Small Business**

Robert A. Bell

New Jersey Institute of Technology

Research Advisor

-Professor M. Chumer-

Robert A. Bell

- **United States Marine Corps – 1977-1981**
- **New Jersey State Police – 1983 – 2008**
 - **General Road Duty Trooper**
 - **Tactical Emergency and Mission Specialist**
 - **SCUBA, Sniper, Haz-Mat, Hostage, Heavy Rescue**
 - **Helicopter Pilot**
 - **Instructor – NJSP Academy**
- **Security Manager – 2009 - Present**

Introduction

- **Business Continuity**
- **DHS – PS-Prep**
- **NJIT – BEOC**
- **Virtual Small Business Emergency Operation Center - VSBEOC**

Business Continuity

- **BC-Private Sector Emergency Preparedness**
- **Size Matters – Public & Private**
- **2007 – FEMA Establishes Private Sector Division**
- **2010 – BC Certification Established**

DHS – PS-Prep

- **Voluntary Private Sector Preparedness Accreditation and Certification Program**
- **ASIS SPC.1-2009**
 - **Establish Relationship with Public Sector**
 - **Establish Primary Crisis Management Center**
 - **Test the BC Plan**
 - **Compliance, Audits, and Certification Costs**

NJIT - BEOC

- **Business Emergency Operation Center**
 - NC4 Alerts
 - Simulation, Modeling
 - Information Sharing and Collaboration



NJIT

VSBEOC

- **Secure NC4 Portal – Collaboration**
- **Shared Awareness**
- **Shared Services**
- **Business Continuity Planning and Testing**
- **Simulation and Modeling**
- **Continued Improvement Through Research**

Conclusion

- **PS-Prep is Not Sufficient for Small Business.**
- **VSBEOC Builds on a Successful BEOC**
- **VSBEOC provides a collaborative environment, shared awareness, and increased decision support.**
- **Linked to BEOC, NJ Business Force and NJIT.**

Future Research

- **Development of Essential Tools**
- **Pilot – Newark Downtown Development Association**
- **Nodal Expansion Plan**
- **Continued Evaluation and Improvement**