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(Jim Smith)

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### Education

Virginia Polytechnic Institute and State University - Ph.D. in environmental design and planning (specialization in environmental management, public budgeting, strategic planning, and program evaluation), 1995  
Naval War College - Diploma in strategy and policy with distinction, 1993  
North Carolina State University - Graduate courses in civil engineering, 1984-87  
University of California, San Diego - M.S. in oceanography, 1967; ABD, 1975  
University of North Carolina - A.B. in zoology (honors) and chemistry, 1965, Morehead Scholar (now Morehead-Cain Scholar), Phi Beta Kappa

### Professional Registration and License

Professional Engineer (civil engineering) (Virginia, emeritus)

### Professional Experience

2002- President, Smith-Woolwine, Inc. (Smith-Woolwine Associates, Inc. prior to January 2016)  
2022- Principal Investigator, PARAS 0051, Airport Security Exercises, National Safe Skies Alliance  
2022- Subcontractor to B. Riley Advisors for ACRP 03-68 Airport Energy Resiliency  
2022- Subcontractor to Hanson Professional Services for ACRP 02-98 Integrating Contingency Planning for Small Airports  
2022- Panel member, PARAS 0048 Electronic Management and Distribution of Security Plans and Supporting Documentation  
2021- Subcontractor to Salus, Inc., for ACRP 04-26 Uncontrolled Terminal Evacuations: Planning, Response & Recovery  
2021- Advisor on airport-to-airport mutual assistance for CARRG, FAA, and ICAO  
2021-2022 Consultant to QuinnWilliams LLC for PARAS 0042, Force Multiplier and Response Strategies for Airport Law Enforcement, National Safe Skies Alliance.  
2021- Panel member, PARAS 0040, Pandemic Response, Recovery, and Preparedness Planning for Airport Security Operations, National Safe Skies Alliance.  
2020-2021 Panel member, PARAS 0035, Synthesis of Escort Privileges and Escorting Practices, National Safe Skies Alliance.  
2019-2020 Panel member, PARAS 0022, Active Shooter Mitigation and Recovery Strategies, National Safe Skies Alliance.  
2018-2019 Panel member, PARAS 0013, Minimizing Congestion in Public Areas to Mitigate

- Security Vulnerabilities, National Safe Skies Alliance.
- 2014-2016 Advisor to ICAO-FAA working group to develop an airport-to-airport mutual aid program for Latin America and the Caribbean
- 2013-2017 Technical Director, Port Resiliency Program (PReP), AmericasRelief Team
- 2010-2011 Vice Chairman, Emergency Management Committee, Los Angeles Mayor's Blue Ribbon Panel for security and emergency management at Los Angeles International Airport
- 2009-2020 Consultant to IEM Inc.
- 2013- Professor Emeritus of Emergency & Disaster Management, American Public University System
- 1999-2013 Professor, Emergency, & Disaster Management, American Public University System, American Military University, Charles Town, WV  
Member, Provost's Faculty Advisory and Consultancy Team (FACT)
- 1999-2000 Director of regulatory compliance and technical applications, Henry County (VA) Public Service Authority, and division director, Henry County
- 1988-1999 Senior enforcement and compliance specialist, West Central Regional Office, Virginia Department of Environmental Quality
- 1984-1988 Lead Program Planner for Water Quality, North Carolina Division of Environmental Management, Raleigh. Chairman, NC Land Resources Information System (GIS) Advisory Committee 1979-1988
- 1978-1984 Coordinator, Coastal Energy Impact Program, North Carolina Division of Coastal Management, Raleigh
- 1977-1978 Coastal Energy Planner, San Luis Obispo County, California. Major facility siting, OCS oil and gas, land use planning, emergency planning
- 1975-1977 Lecturer, Biological Sciences Department, California Polytechnic State University, San Luis Obispo
- 1967-1995 Naval Reserve Officer, most significant assignments: Senior Budget Analyst, Programming Division (N-80), Office of Chief of Naval Operations; Commanding Officer of two units. Promoted to rank of captain 1992, retired 1996. Navy Commendation Medals 1989, 1994. Active duty 1967-1971

#### **Selected Membership and Other Positions**

Airport Consultants Council, 2015-2017

Wakulla County (FL) Emergency Management Advisory Committee, 2016-2019

#### **Publications, Papers, and Presentations**

Smith, J.F., Gottlich, J.S., & Suarez, D.B. (2023), "Improving Regional Aviation Resiliency: Airport-to-Airport Mutual Assistance for the Caribbean," presentation accepted for Transportation Research Board Annual Meeting, Washington, DC, January 10, 2023.

Smith, J. F. (2022), "Airport-to-Airport Mutual Assistance Program for the Caribbean," presented to Caribbean Aviation Resiliency and Recovery Conference, Florida International University, Miami, FL, May 10-11, 2022.

Smith, J. F., (2019), *Emergency Working Groups at Airports*, Airport Cooperative Research Program (ACRP) Synthesis Report of Current Practice 99, Washington, DC: Transportation Research Board.

IEM, Inc., (2019), *Airport Emergency Communications for Persons with Disabilities and Others with Access and Functional Needs and Non-English Speakers Guidebook*, Airport Cooperative Research Program (ACRP) Report 201, Washington, DC: Transportation Research Board.

Smith, J. F., & Haines, T. W., (2018), *Integrating ADA in Emergency Exercises*, Airport Cooperative Research Program (ACRP) Synthesis Report of Current Practice 90, Washington, DC: Transportation Research Board.

Smith, J. F., & Greenberg, J. L., (2017), *Preparing Airports for Communicable Diseases on Arriving Flights*, Airport Cooperative Research Program (ACRP) Synthesis Report of Current Practice 83, Washington, DC: Transportation Research Board.

Kenville, K. A., & Smith, J. F., (2017), *Uses of Social Media in Operational Response and Recovery during Airport Emergencies*, Airport Cooperative Research Program (ACRP) Synthesis Report of Current Practice 82, Washington, DC: Transportation Research Board.

Smith, J. F., & Kenville, K. A., (2017), *Funding Industrial Aviation*, Airport Cooperative Research Program (ACRP) Synthesis Report of Current Practice 79, Washington, DC: Transportation Research Board.

Smith, J.F., Kenville, K.A., Sawyer, J.M., & Garcia, R.E., (2016), *Emergency Communications Planning for Airports*, ACRP Synthesis of Practice 73. Washington, DC: Transportation Research Board.

Smith, J.F., Garcia, R.E., Sawyer, J.M., & Kenville, K.A. (2016). *Tabletop and Full-Scale Emergency Exercises for General Aviation, Non-Hub, and Small Hub Airports*, ACRP Synthesis of Practice 72. Washington, DC: Transportation Research Board.

Smith, J. F., & McKinney, E. W. (2015). *Issues related to Accommodating Animals Traveling through Airports*. ACRP Synthesis of Practice 64. Washington, DC: Transportation Research Board.

Smith, J. F., Kenville, K. A., & Sawyer, J. M. (2015). *Airport Emergency Post-event Recovery Practices*. ACRP Synthesis of Practice 60. Washington, DC: Transportation Research Board.

Hellingrath, B., Smith, J. F., Link, D., & Babun Jr., T. A. (2015). Disaster Management Capacity Building at Airports and Seaports. Chapter for *Springer Lecture Notes for Humanitarian Logistics*.

Griffith, D., Moore, A.T. Bender, G., Ayodhimanujan, K., Sayadi, N., Smith, J. F., et al. (2014). *Airport Terminal Incident Response Planning*. Airport Cooperative Research Program (ACRP) Report 112. Washington, DC: Transportation Research Board of the National Academies. Available at <http://www.trb.org/main/blurbs/171121.aspx>

Kenville, K. A., & Smith, J. F. (2014). Issues with airport organization and reorganization: Finding the perfect organizational structure for an airport. *TR News*, May-June 2014.

Link, D., Smith, J. F. & Hellingrath, B. (2014, August). "Promoting port resiliency." Presentation at International Risk Management Conference, State College, PA.

Smith, J. F. (2014). The importance of military-civil coordination for international disaster response. *Military1*, May 29, 2014. Available at <http://www.military1.com/army/article/462108-the-importance-of-military-civil-coordination-for-international-disaster-response>

Smith, J. F., & Babun Jr, T. A. (2014). The Port Resiliency Program (PReP): Upgrading Latin American and Caribbean Ports. *ISCRAM Proceedings*, University Park, PA, May 2014. Available at <http://iscram2014.ist.psu.edu/sites/default/files/misc/proceedings/p43.pdf>

Smith, J. F. (2014). *Effective cooperation among airports and local and regional emergency management agencies for disaster preparedness and response*. Airport Cooperative Research Program Synthesis of Practice 50. Washington, DC: Transportation Research Board.

Smith, J. F., McCosby, F., Haines, T., & Crosby, M. (2014, 11 February). Getting More out of Airport Mutual Aid. [Webinar] Airport Cooperative Research Program (ACRP) of the Transportation Research Board (TRB) of the National Academies.

IEM Inc., AirportAdmin LLC, Kim Kenville Consulting, QuinnWilliams LLC & Smith-Woolwine Associates. (2014). *Integrating Community Emergency Response Teams (CERTs) at Airports: What is CERT and How Do I Use It?* Airport Cooperative Research Program (ACRP) Report 95. Washington, DC: Transportation Research Board of the National Academies

IEM Inc., Smith-Woolwine Associates, Kim Kenville Consulting, Newton and Associates, and Kimley-Horn and Associates. (2013). *Integrating Web-Based Emergency Management Collaboration Software into Airport Operations--A Primer*. Airport Cooperative Research Program (ACRP) Report 94. Washington, DC: Transportation Research Board of the National Academies.

Babun, T. A., & Smith, J. F. (2013b). The Port Resiliency Program (PReP): Upgrading logistics at Latin American and Caribbean Ports. In Hellingrath, B., Link, D., & Widera, A. (eds.), *Managing humanitarian supply chains: Strategies, practices and research*, pp. 176-187. Hamburg, Germany: DVV Media Group.

Smith, J. F., Möhring, F., & Link, D. (2013). Making ports more resilient: Why it matters to humanitarian relief efforts. *Monthly Developments Magazine*, November 2013, of InterAction.

Babun, T. A., & Smith, J. F. (2013a). Airport preparedness in the LAC Region: A new cost-effective system to promote resiliency. *Airport World Magazine*, Issue 5.

Smith, J. F., & Kenville, K. A. (2013). *Model mutual aid agreements for airports*. Airport Cooperative Research Program Synthesis of Practice 45. Washington, DC: Transportation Research Board.

Kenville, K. A., & Smith, J. F. (2013). *Issues in airport organization and reorganization: Synthesis of airport practice*. Airport Cooperative Research Program Synthesis of Practice 40. Washington, DC: Transportation Research Board.

Smith, J. F. (2013). The potential for airport-to-airport mutual aid in the Latin American and Caribbean region. IV Congreso de la Red Iberoamericana de investigación en transporte aéreo. Available at <http://sedici.unlp.edu.ar/handle/10915/104167>

Smith, J. F. (2012). The roles of general aviation airports in disaster response. *Journal of Homeland Security and Emergency Management*, 9(2). doi: 10.1515/1547-7355.1997.

IEM Inc., Smith-Woolwine Associates & TransSolutions [Smith, J. F., principal investigator]. (2012). *Airport-to-airport mutual aid program guidebook*. Airport Cooperative Research Program (ACRP) Report 73. Washington, DC: Transportation Research Board.

Griffith, D., & Smith, J. F. (2012, February 8). Airport role in air evacuations. Presentation at National Evacuation Conference 2012, New Orleans, LA.

Smith, J.F. (2011). "The status of general aviation airports in disaster response planning: a reconnaissance study." *Journal of Homeland Security and Emergency Management*, 8(1).

Smith, J. F. (2011, October 12). Are your airports disaster ready? Plenary session to EMEC 2011 -INTER Airport Europe 2011, Munich, Germany.

Los Angeles Mayor's Blue Ribbon Panel on Security at Los Angeles International Airport. (2011, June 20). *Final report*[redacted]. Los Angeles, CA: Mayor's Office.

Smith, J. F. (2010). "Regional cooperation, coordination, and communication among airports during disasters." *Transportation Research Report, Journal of the Transportation Research Board*, No. 2177. Washington, DC: Transportation Research Board of the National Academies.

- Smith, J. F. (2010). "Analysis: Impact of 31C" *Airport Business*, March 2010, 22-23.
- Smith, J. F., F. McCosby, and S. Wareham. (2010). "Airports helping airports: Disaster operations groups" *Airport Magazine*, 21(7), 30-32.
- Smith, J. F. (2009). "Keeping airports functional during disasters." Webinar for American Society of Civil Engineers (ASCE), March 27, 2009, repeated October 16, 2009.
- Smith, J. F. (2009). "Airport disaster preparedness in a community context." Presentation to Airports Council International – North America (ACI-NA) Public Safety & Security Conference, San Diego, March 16, 2009.
- Smith, J. F. (2008b). Maintaining airport continuity of business and operations during disaster response: the role of command and control relationships with emergency management agencies. *J. Bus. Continuity & Emerg. Planning*. 3(1), 66-74.
- Smith, J. F. (2008a). Book review. [Review of the book *Hazard Mitigation Investment Decision Making: Organizational Response to Legislative Mandate*]. *J. Homeland Security & Emerg. Mgt.* 5(1), Article 8. Available at: <http://www.bepress.com/jhsem/vol5/iss1/8>
- Smith, J. F., S. S. Waggoner, A. Rabjohn, and A. Bachar. (2008b). Protecting airport functionality during disaster responses: Solutions. *J. Emergency Mgt.*, 6(4), 57-64.
- Smith, J. F., S. S. Waggoner, A. Rabjohn, and A. Bachar. (2008a). Protecting airport functionality during disaster responses: terrorism, war, civil war, and riots. *J. Emergency Mgt.*, 6(3), 53-62.
- Smith, J. F., S. S. Waggoner, A. Rabjohn, and A. Bachar. (2007). Protecting airport functionality during disaster responses: Natural disasters, accidents, and pandemics. *J. Emergency Mgt.* 5(6), 29-40.
- Smith, J. F. (2007). Book review. [Review of the book *Critical Infrastructures at Risk--Securing the European Electric Power System*]. *J. Homeland Security & Emerg. Mgt.* 4(4), Article 5. Available at: <http://www.bepress.com/jhsem/vol4/iss4/5>.
- Smith, J. F., S. S. Waggoner, and G. Hall. (2007). Memphis Airport as a model for disaster response. *Crisis Response Journal* 3(3), 30-32.
- Smith, J. F., S. S. Waggoner, and G. Hall. (2007). Building sound emergency management into airports. *IATC 2007 Proceedings*, 47-60.