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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 appraisal), 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

2014- Advisor to ICAO-FAA working group to develop an airport-to-airport mutual aid program for Latin America and the Caribbean
2013- Technical Director, Port Resiliency Program (PRoP), AmericasRelief Team
2013- Professor Emeritus of Emergency & Disaster Management, American Public University System
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- Consultant to IEM Inc.
2002- President, Smith-Woolwine Associates (Smith-Woolwine, Inc. after January 2016)
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-

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

Publications, Papers, and Presentations

Smith, J. F., & Greenberg, J. L., (in press), *Preparing Airports for Communicable Diseases on Arriving Flights*, Airport Cooperative Research Program (ACRP) Synthesis 83, Washington, DC: Transportation Research Board, publication expected Summer 2017.

Kenville, K. A., & Smith, J. F., (in press), *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, publication expected Summer 2017.

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

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., Ayodhramanujan, 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.

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. (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, 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.