

# SCOTT ROBERT MANNING, D.Sc.

Educator | Researcher | Practitioner | Consultant

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## EDUCATION

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### Doctor of Science (D.Sc.) in Emergency Management, Jacksonville State University (2017)

**Dissertation Title:** *Strategic Planning in Emergency Management: Examining the State-of-the-Practice among County-Level Emergency Management Agencies.*

**Committee Members:** Dr. Jane Kushma (Chair), Dr. Tanveer Islam, and Dr. Shih-Kai Huang

### Master of Science (M.Sc.) in Emergency Management, Jacksonville State University (2008)

### Graduate Certificate in Emergency Management, Jacksonville State University (2006)

### Master of Public Administration (M.P.A.), Jacksonville State University (2005)

### Bachelor of Science (B.Sc.) in Environmental Studies, Old Dominion University (2002)

## ACADEMIC EXPERIENCE

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### Visiting Assistant Professor and Research Associate | 2023 - Present

#### Jacksonville State University | Department of Emergency Management

Conduct research on various emergency management topics as needed, to include community resilience studies in conjunction with the Center for Disaster and Community Resilience (CDCR). Current research focus includes the 'lived' experiences of Alabama tornado survivors and the use of community engagement and participative action research (PAR) methodologies, community-based applications of the FEMA's Resilience Analysis and Planning Tool (RAPT). Provide undergraduate- and graduate-level instruction on public administration theory and practice, emergency management planning and preparedness activities, research methods, disaster response and recovery and leadership and organizational behavior. Conduct course-related research on various emergency management and homeland security topics. Courses taught include:

- EM 411 – Disaster Response and Recovery
- EM 481 – Research in Disasters and Emergency Management
- EM 505 – Foundations of Emergency Management
- EM 530 – Research Methods in Emergency Management
- EM 598 – Emergency Management Leadership and Organizational Behavior
- PA 532 – Public Finance Administration

### Associate Faculty | 2019 - Present

#### Royal Roads University | School of Humanitarian Studies

Conduct research on various emergency management topics as needed, to include community capacity building and disaster resilience initiatives in wake of climate change. Current research focus includes governance systems and community networks in disaster risk reduction and climate change adaptation, social innovation strategies for community resilience and climate change adaptation, and strategic planning for disaster and emergency management. Provide graduate-level instruction on advanced research design and methodology, and public administration, policy, and planning practice in the context of climate change and disaster and emergency management. Conduct course-related research on various disaster and emergency management topics. Courses taught include:

- DEMN 601 – Disaster and Emergency Management Planning: Policy to Practice
- DEMN 602 – Advanced Professional Practice: Planning in an Age of Uncertainty
- HUMS 630 – Advanced Research Methods in Disaster and Emergency Management
- HUMS 691 – Short Paper (Applied Research Project)

## **ACADEMIC EXPERIENCE (CONTINUED)**

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### **Research Associate and Adjunct Faculty Member | 2012 - 2023**

#### **Jacksonville State University | Department of Emergency Management**

Conducted research on various emergency management topics as needed, to include community resilience studies in conjunction with the Community and Regional Resilience Institute (CARRI) and evaluation of the FEMA and Alabama Disaster Case Management Program. Previous research focus included Social Media Use in Emergency Management, Strategic Planning for Emergency Management, Disaster Case Management, and Post-Disaster Project Management Applications. Provided instruction on public administration and policy in emergency management and planning/preparedness activities for homeland security at the undergraduate level. Conducted course-related research on various emergency management and homeland security topics. Courses taught included:

- EM 371 – Public Administration and Policy in Emergency Management
- EM 483 – Homeland Security Planning and Preparedness

### **Graduate Teaching Assistant | 2011 - 2012**

#### **Jacksonville State University | Department of Emergency Management**

Performed various administrative and course management activities, to include developing course rubrics, evaluating student work, and maintaining web-based courses in Blackboard. Assisted in teaching courses on leadership, organizational behavior, and comprehensive emergency management at the graduate level. Graduate courses assisted with included:

- EM 505 – Foundations of Emergency Management
- EM 590 – Capstone in Emergency Management
- EM 598 – Emergency Management Leadership and Organizational Behavior

## **PROFESSIONAL EXPERIENCE**

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### **Senior Operations Analyst and Special Projects Manager | 2020 - Present**

#### **Virginia Department of Transportation | Central Office Workforce Development Division**

Provide program assessment and evaluation services for more than forty workforce development programs statewide. Develop/administer surveys and questionnaires, conduct interviews and focus group discussions, and perform observational and case-specific studies to collect course- and program-related data. Conduct quantitative and qualitative data analyses to evaluate employee reactions, learning, behavior, and outcomes/impacts and to determine return on investment (ROI) and expectations (ROE) across all workforce development programs..

### **Engineering Specialist and Technical Training Consultant | 2011 - 2020**

#### **Virginia Department of Transportation | Salem District Materials Division**

Performed inspection, construction engineering, and project management functions for complex construction projects. Maintained representative sampling and testing frequencies for civil construction materials to ensure compliance with applicable standards and specifications. Provided instruction on material properties, mix design requirements, construction processes, leadership, project management, and quality assurance/engineering. Provided instruction on situational leadership strategies, communication skills, conflict resolution, creative problem solving, decision-making, time management, team development, and customer service. Assisted with course design and instructional development for the State-Wide Materials Certification Program, Leadership Core Development Program, and Executive Leadership Program.

### **District Engineering Coordinator | 2005 - 2011**

#### **Virginia Department of Transportation | Salem District Maintenance Division**

Facilitated collaborative networking and relationship building to ensure effective project development and management. Conducted asphalt pavement evaluations and condition analyses to facilitate proper maintenance strategy and operations. Performed materials and construction cost forecasting for effective project estimating, budgeting, and contract development. Facilitated sound budgetary management and allocation of resources to ensure the maintenance of asset condition and performance targets. Facilitated effective project management to ensure construction quality, cost efficiency, and on-time project completion.

## PROFESSIONAL CERTIFICATIONS

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### Project Management Professional (PMP) | Credential ID#: 2564606

Project Management Institute | Newtown Square, Pennsylvania

## PUBLICATIONS

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### Book Reviews and Peer-Reviewed Journal Articles

Manning, Scott R. (Under Review). "Examining the Factors that Influence Strategic Planning Adoption in Emergency Management," *Journal of Emergency Management*, XX(X).

Manning, Scott (Ahead of Print). "Strategic Planning in Emergency Management: Highlighting the Critical Role (and Impacts) of the Planning Process," *Journal of Homeland Security and Emergency Management*, XX(X).

Wang, C., Rider, E., Manning, S., & Islam, T. (2023). "Quantitative Analysis of the Lived Experiences of Tornado and Factors Affecting Community Resilience: A Case Study of an EF-3 Tornado in Jacksonville, Alabama," *Weather, Climate, and Society*, 15(1), 133-144.

Manning, Scott R. (2020). "Exploring the Process of Strategic Planning in Emergency Management," *International Journal of Emergency Management*, 16(2), 152-178.

Manning, Scott R. (2020). "Strategic Planning in Emergency Management: Evaluating the Impacts on Local Program Quality," *Journal of Homeland Security and Emergency Management*, 17(3), 1-37.

Manning, Scott R. and Jane A. Kushma. (2016). "A Systematic Review of the International Disaster Case Management Literature in the Aftermath of Hurricane Katrina," *International Journal of Emergency Management*, 12(3).

Manning, Scott R. (2013). "Review of Emergency Management: The American Experience 1900-2010," *Journal of Homeland Security and Emergency Management*, 10(1).

Manning, Scott R. (2012). "Review of Freedom and Order: How Democratic Governments Restrict Civil Liberties after Terrorist Attacks – and Why Sometimes They Don't," *Journal of Homeland Security and Emergency Management*, 9(1).

### Program and Policy Evaluations

Kushma, Jane A., Linda Plotnick, Scott Manning, and Michael Ryan. (2013). "An Evaluation of the Alabama Disaster Case Management Program," *Center for Disaster and Community Resilience, Jacksonville State University*.

### Technical Reports

Manning, Scott R. (2011). "From Vision to Implementation: Enhancing the Recovery Process through Integrated Knowledge, Planning, and Project Management," *Project Management Institute Educational Foundation*.

Manning, Scott R. (2008). "Report on the Use of High-RAP Asphalt Cement Concrete." *Virginia Department of Transportation*.

## CONFERENCE PRESENTATIONS

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Manning, Scott, Jane Kushma, James Keck, and Irmak Renda-Tanali, "Online Educational Programs for Emergency Management and Homeland Security," *Federal Emergency Management Agency: 17th Annual Higher Education Conference*, June 2015.

Manning, Scott and Jane Kushma, "The Hurricane Katrina Influence on Disaster Case Management Programs and Process," *Millersville University, Center for Disaster Research and Education: An International Research Symposium on the Global Katrina Effect*, October 2014.

## **CONFERENCE PRESENTATIONS (CONTINUED)**

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Manning, Scott and Jane Kushma, "Towards an Evidence-Based Practice in Emergency Management: The Role of Evaluation Research," *Federal Emergency Management Agency: First Annual Emergency Management Theory and Research Workshop*, June 2014.

Manning, Scott and Jane Kushma, "Using Disaster Research: Towards an Evidence-Based Practice for Emergency Management," *International Association of Emergency Management: Region 4 & 5 Training Summit*, May 2014.

Manning, Scott, "Review and Analysis of Longitudinal Joint Density Testing," *Virginia Department of Transportation: Western Virginia Regional Asphalt Conference*, March 2014.

Manning, Scott, Jane Kushma, John Finn, Steve Reissman, and Joseph Barbera, "Generating Meaningful Research Questions," *Federal Emergency Management Agency: 15th Annual Higher Education Conference*, June 2012.

## **PROFESSIONAL ACTIVITIES**

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Committee Member, Jacksonville State University's Master of Public Administration (M.P.A.) Advisory Committee | 2017-Current

Peer Reviewer, *Journal of Homeland Security and Emergency Management* | 2011-Current

Peer Reviewer, *Information Systems for Crisis Response and Management* | 2011-2015

Chapter Secretary (JSU), *International Association of Emergency Managers* | 2013-2015

Executive Committee Member, *American Society for Public Administration Section on Complexity and Network Studies* | 2012-2015

Committee Member, *Project Management Methodology for Post-Disaster Reconstruction*, *Project Management Institute* | 2012-2014

## **AWARDS AND HONORS**

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Who's Who of American Colleges and Universities | Jacksonville State University

National Honor Society of Sigma Alpha Pi (Leadership) | Jacksonville State University

National Honor Society of Pi Sigma Alpha (Political Science) | Jacksonville State University

National Honor Society of Phi Kappa Phi (Multidisciplinary) | Old Dominion University

American Collegiate Scholar | Old Dominion University

## **MEMBERSHIPS AND AFFILIATIONS**

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American Political Science Association

American Society for Public Administration

Association for Talent Development

International Association of Emergency Managers

Project Management Institute

## **PROFESSIONAL REFERENCES**

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Dr. Jane Kushma, Graduate Advisor and Doctoral Mentor, Jacksonville State University

Dr. Tanveer Islam, Supporting Graduate Advisor and Supervisor, Jacksonville State University

Dr. Jameo Pollock, Director/Supervisor, Workforce Development, Virginia Department of Transportation

David Lee, P.E., Former Supervisor, Materials Division, Virginia Department of Transportation