FAYETTE COUNTY, GEORGIA

2015 HAZARD MITIGATION PLAN



Prepared by, The Fayette County Hazard Mitigation Planning Committee

> Fayette County, Georgia 2015 Hazard Mitigation Plan

Hazard Mitigation Plan

This document was funded in part by a planning grant awarded to the Fayette County Emergency Management Agency from the Georgia Emergency Management Agency to fulfill the requirements of the Federal Disaster Act of 2000. The plan was prepared under the direction of the Fayette County Disaster Mitigation Planning Committee. For additional information, please contact the Fayette County Emergency Management Agency.

Division Chief Pete Nelms Emergency Management Director Fayette County Emergency Management Agency 140 Stonewall Avenue Fayetteville Georgia 30214 770-305-5414

ACKNOWLEDGEMENTS

The Fayette County Hazard Mitigation Planning Committee

Division Chief and EMA Director Pete Nelms Fayette County Emergency Management Agency

> Assistant Chief Clint Murphy Peachtree City Fire Department

Chief Alan Jones Fayetteville Fire Department

Vanessa Birrell Fayette County Director Environmental Management Services

Brian Keller Fayette County Environmental Management Services

Mike Singleton Deputy Director of Fayette County Emergency Management

> David Borkowski City Engineer, Peachtree City

Chief Brandon Perkins Tyrone Police Department

> George Knight Citizen

TABLE OF CONTENTS

PREFACE Mitigation-Vision for the Future

Introd	uction to the Planning Process	SECTION 1
I.	Purpose and need of the Plan, Authority, and Statement of Problem	
	Local Methodology, Plan Update Process and Participation	
III.	Original Plan Review and Revision	
IV.	Organization of the Plan	6
	Local Hazard, Risk, and Vulnerability, Summary Local	
	Mitigation Goals and Objectives	
VI.	Multi-Jurisdictional Special Considerations	
VII.	Adoption, Implementation and Monitoring and Evaluations	
VIII.	Community Data	
. .		GEOTION A
	Natural Risk and Vulnerability	
	Flooding	
II.	Tornadoes	
III.	Severe Thunderstorm Winds & Lightning	
	Winter Storms	
V.	Drought	
Local	Technological Hazard, Risk and Vulnerability	SECTION 3
	Hazardous Materials Releases	
	HIGH KISK WANMAGE DAMS IN PAVEILE COUNTY	4-10
11.	High Risk Manmade Dams in Fayette County	
	High Risk Manmade Dams in Fayette County Natural Mitigation Goals and Objectives	
Local		
Local Overa	Natural Mitigation Goals and Objectives	SECTION 4
Local Overa I.	Natural Mitigation Goals and Objectives Il Community Mitigation Goals, Policies and Values Narrative	SECTION 4
Local Overa I.	Natural Mitigation Goals and Objectives Il Community Mitigation Goals, Policies and Values Narrative Flooding Tornadoes	SECTION 4 6-17 18-19
Local Overa I. II.	Natural Mitigation Goals and Objectives Il Community Mitigation Goals, Policies and Values Narrative Flooding Tornadoes Severe Thunderstorms Wind and Lightning	SECTION 4 6-17 18-19 19-22
Local Overa I. II. III. IV.	Natural Mitigation Goals and Objectives Il Community Mitigation Goals, Policies and Values Narrative Flooding Tornadoes Severe Thunderstorms Wind and Lightning Winter Storms	SECTION 4 6-17 18-19 19-22 22-23
Local Overa I. II. III. IV. V.	Natural Mitigation Goals and Objectives Il Community Mitigation Goals, Policies and Values Narrative Flooding Tornadoes Severe Thunderstorms Wind and Lightning	SECTION 4
Local Overa I. II. III. IV. V.	Natural Mitigation Goals and Objectives Il Community Mitigation Goals, Policies and Values Narrative Flooding Tornadoes Severe Thunderstorms Wind and Lightning Winter Storms Drought	SECTION 4
Local Overa I. II. III. IV. V. VI. Local	Natural Mitigation Goals and Objectives Il Community Mitigation Goals, Policies and Values Narrative Flooding Tornadoes Severe Thunderstorms Wind and Lightning Winter Storms Drought All Hazards Technological Hazard Mitigation Goals and Objectives	SECTION 4
Local Overa I. II. III. IV. V. VI. Local	Natural Mitigation Goals and Objectives Il Community Mitigation Goals, Policies and Values Narrative Flooding Tornadoes Severe Thunderstorms Wind and Lightning Winter Storms Drought All Hazards	SECTION 4
Local Overa I. II. IV. V. V. VI. Local Overa	Natural Mitigation Goals and Objectives Il Community Mitigation Goals, Policies and Values Narrative Flooding Tornadoes Severe Thunderstorms Wind and Lightning Winter Storms Drought All Hazards Technological Hazard Mitigation Goals and Objectives	SECTION 4 6-17 18-19 19-22 22-23 23-24 24-27
Local Overa I. II. IV. V. VI. Local Overa I.	Natural Mitigation Goals and Objectives Il Community Mitigation Goals, Policies and Values Narrative Flooding Tornadoes Severe Thunderstorms Wind and Lightning Winter Storms Drought All Hazards Technological Hazard Mitigation Goals and Objectives Il Community Mitigation Goals, Policies and Values Narrative	SECTION 4
Local Overa I. II. IV. V. VI. Local Overa I. II.	Natural Mitigation Goals and Objectives Il Community Mitigation Goals, Policies and Values Narrative Flooding Tornadoes Severe Thunderstorms Wind and Lightning Winter Storms Drought All Hazards Technological Hazard Mitigation Goals and Objectives Il Community Mitigation Goals, Policies and Values Narrative Hazardous Materials Category 1 High Risk Dams	SECTION 4 6-17 18-19 19-22 22-23 23-24 24-27 SECTION 5 1-4 4-8
Local Overa I. II. IV. V. VI. Local Overa I. II. Plan I	Natural Mitigation Goals and Objectives	SECTION 4
Local Overa I. II. IV. V. VI. Local Overa I. II. Plan I I.	Natural Mitigation Goals and Objectives	SECTION 4
Local Overa I. II. IV. V. VI. Local Overa I. II. Plan I I. II.	Natural Mitigation Goals and Objectives	SECTION 4 6-17 18-19 19-22 22-23 23-24 24-27 SECTION 5 1-4 4-8 SECTION 6 1-3 3-4
Local Overa I. II. IV. V. VI. Local Overa I. II. Plan I I. II.	Natural Mitigation Goals and Objectives	SECTION 4
Local Overa I. II. IV. V. VI. Local Overa I. II. II. II. II.	Natural Mitigation Goals and Objectives	SECTION 4 6-17 18-19 19-22 22-23 23-24 24-27 SECTION 5 1-4 4-8 SECTION 6 1-3 3-4 4 5

Summary Na	rrative	SECTION 7
	nclusion Summary	
	ferences	
	A. Publications	
	B. Websites	
	C. Other Sources	
Appendix A:	Floodplain GIS Maps and Structure Values by Jurisdiction	SECTION 8
Appendix B:	Land Use and Development Maps by Jurisdiction	SECTION 9
Appendix C:	Comprehensive Plans by Jurisdiction	. SECTION 10
Appendix D:	Jurisdiction Letters of Support	. SECTION 11
Appendix E:	GMIS Hazard ID and Risk Assessment	. SECTION 12
Appendix F:	Committee and Public Meeting Documentation	. SECTION 13
Appendix G:	NFIP Community Rating System Class 6 Confirmation Letter	. SECTION 14
Appendix H:	Adoption Resolution by Jurisdiction	. SECTION 15

TABLE OF CONTENTS (Cont'd)

PREFACE

Mitigation Vision for the Future

Emergency Managers succeed and fail by how well they follow the following fundamental principles of emergency management, mitigation, preparedness, response and recovery. Purposefully, our emergency management forefathers put the word mitigation first as a means to prevent or minimize the effects of disasters.

Mitigation forms or should form the very foundation of every emergency management agency. The prevention of disasters in communities and emergency management agencies that adopt mitigation practices in an effort to reduce, minimize, or eliminate hazards in their community have found the vision for the future of emergency management. The Federal Mitigation Act of 2000 has set the benchmark and outlines the criteria for communities with the vision to implement hazard mitigation practices in their communities.

The governments of Fayette County, Peachtree City, Fayetteville, Tyrone, Brooks, and Woolsey realize the benefits achieved by the development and implementation of mitigation plans and strategies in our community. Fayette County elected officials, public safety organizations, planners, and many others have proved that by working together towards the development and implementation of this plan that they have the vision to implement mitigation practices therefore reducing the loss of life and property in their communities.

Fayette County, as a result of the development and implementation of the Mitigation Plan dated 2010, has made significant progress toward hardening our community from the effects of both man-made and natural disasters. Municipal governments have wholeheartedly adopted the plan and it has formed the baseline of mitigation activities throughout the community and serves as a benchmark for future possibilities. Among the successes of the 2015 plan are increased warning capabilities, the construction of a new emergency operation center, flood plain map and drainage improvements. Among the many success that we have had since our last plan standouts were the construction of a state of the art emergency operations center that was identified in the 2010 plan. Its completion marks a proud day for the emergency management community in Fayette County and was accomplished through a federal grant that required us to have a current hazard mitigation plan. Also, the creation of a storm water utility that will hopefully address the repair and improvement of some infrastructure as it relates to mitigation projects. Finally, a faith based disaster network that assists during disasters and are a part of this plan update.