research in an area that has been long neglected. The following questions remain to be answered:

- 1) Is the black community more responsive to disaster-related information delivered via black-oriented media?
- 2) Are blacks less prone to evacuate their homes than the general population and, if so, why?
- 3) Is black-oriented programming on television the ideal medium for the delivery of disaster mitigation information to the black community?
- 4) Would more disaster-focused programming and reporting in the black media facilitate disaster preparedness, mitigation, and relief in the black community?
- 5) Can television play a greater role in helping to alleviate the apparently disproportionate negative consequences suffered by minorities during natural disasters?

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Interview Questions (Officials of Radio Stations and Newspapers)

- 1. a. What is the organization's policy governing disaster coverage?
 - b. Is there a specific plan, and if so, how is this plan related to the municipality's overall natural disaster emergency plan?
- 2. How effective was this plan during Hurricane Frederic? Were there any substantive changes or recommendations regarding this plan based on its implementation during a natural disaster? If so, what kinds of revisions were made?
- 3. What is the sequence of action/activities taken to gather, select, and disseminate information about pre and post disaster activities?
- 4. Is there a specially designated person(s) within the organization responsible for implementing pre-warning and recovery efforts?
- 5. In what specific ways did the organization actually assist in the pre and post disaster period?
- 6. How much air 'time/print coverage was granted on pre and post disaster information? Was the regular news coverage/radio programming substantially changed?
- 7. What types of messages/information was relayed by the media during the pre and post disaster period (i.e., evacuation routes, emergency procedures, recovery assistance, etc.)?
- 8. What types of messages did the public seem to respond to, regarding warning and disaster assistance?
- 9. To what extent was the organization networking with relief agencies, other media outlets, government agencies, etc. (i.e., Red Cross, FEMA, HUD, SBA, FGA, National Weather Service)?
- 10. Prior to Hurricane Frederic, were there any on-going efforts to educate the local community on disaster preparedness? Has this kind of educational focus changed since the aftermath of the Hurricane?
- 11. To what extent has Hurricane Frederic impacted the organization's normal programming/news coverage?
- 12. Were any additional expenses incurred due to Hurricane Frederic?

- 13. is the organization's facility located in a high risk area? What kinds of structural changes have been made, if any, to strengthen the building(s) to withstand high winds and ground shaking?
- 14. Does the organization have a contingency plan to continue operations in case of a major power failure? What does this plan include?
- 15. What impact did Hurricane Frederic have on the organization's employees?
- 16. Does the radio station/newspaper have any legal responsibility with regard to disaster reporting?
- 17. As a result of Hurricane Frederic, was there increased attention focused on state and/or local legislation to prevent and/or better prepare for natural disasters?
- 18. Does the radio station have a copy of a publication written by the National Association of Broadcasters -- "A Broadcaster's Guide to Planning for a Natural Disaster?"

APPENDIX II

The Research Instrument

(READ TO RESPONDENT)

Hello, my name is ... I am a member of a research team from Morgan State University. We are conducting interviews with victims of Hurricane Frederic. We are interviewing people such as yourself to find our how they have been doing since the hurricane and how you utilized the media before, during and after Hurricane Frederic. You have been selected as part of a scientific sample and vour participation in our study is very important to our research goals. All the answers you give us are kept strictly conficential and we never use people's names in our studies. We are in no way connected with the federal government, although we will convey the things people in our study tell us about problems they are having with the government, in order to imporve federal disaster programs. Your cooperation in our study is very important to us and is greatly apprecaited.

(INTERVIEWER: ALL DIRECTIONS TO YOU ARE IN CAPITAL LETTERS AND ENCLOSED IN PARENTHESES - DO NOT READ THESE ALOUD TO THE RESPONDENT.)	
(READ TO RESPONDENT)	
"I would like to start by asking you some questions about your house."	
1. Did you live in the Mobile area at the time of Hurricane Frederic (Sept. 1979)?	_
l. Yes	
2. No (THANK RESPONDENT AND CONCLUDE INTERVIEW)	
2. At the time of the hurricane what type of dwelling were you living in?	
1. Trailer (Owned)	_
2. Trailer (Rented)	
3. House (Owned)	
4. House (Rented)	
5. Apartment	
6. Condominium/Townhouse	
3. At the time of the hurricane, how many years had you lived in the dwelling?	_
(YEARS)	
4. How many years have you lived in this community?	_
(YEARS)	
5. Have you moved since the hurricane?	_
1. Yes	
2. No (IF NO SKIP TO QUESTION #7)	
6. If so, did you move because of your experiences with the nurricane?	
l. Yes, moved due to experiences.	_

No. did not move due to nurricane experiences.

۲,	How many persons lived with you ut the time of the hurricane?		
νό.	(RECORD ACUTAL NUMBER OF INDIVIDUALS RESIDING IN THE HOUSE AT THE TIME OF THE HURRICANE, TOTAL SHOULD INCLUDE RESPONDENT.)	15. How much time (in hours) on the average do vou normally spend listening to a radio each day (including car radio)? (RECORD ACTUAL NUMBER OF HOURS) (HOURS)	
,	(RECORD AGES OF ALL INDIVIDUALS EXCLUDING RESPONDENT AND RELATIONSHIP TO RESPONDENT.)	16. Approximately how much time do you normally spend watching TV each day? (RECORD ACTUAL NUMBER OF HOURS)	-
		(HOURS)	
		17. Besides your experience with Hurricane Frederic have you ever been in any other natural disaster?	1
		1. Yes	
٥,	Were any of these persons not related to you i.e. not family or kin?	2. No (IF NOT PLEASE SKIP TO QUESTION #21)	
). Yes	18. Whar type (CHECK ALL THAT APPLY).	-
	2. No (IF NO, PLEASE SKIP TO QUESTION #11)	1. Tornado	
9	10. If so how many were unrelated to you?	. 2. Flood	
	(RECORD NUMBER)	3. Hurricane	
11.	At the time of the Hurricane how many working TV's did you have	4. Earthquake	
	In your house: (RECURD ACTUAL NUMBER)	5. Tsunami (Tidal Wave)	
		6. Other (SPECIFY)	
12.	. At the time of the Hurricane how many working radios did you have in your house (not counting car radios)? (RECORD ACTUAL NURBER).	19.Did you receive any warning messages for that (those) disasters?	ţ
	(RADIOS)	1. Yes	
13.	. Do you subscribe to or regularly read a Mobile area newspaper?	2. No (IF NO PLEASE SKIP TO QUESTION #21)	
	1. Yes	20. From what sources? (CHECK ALL THAT APPLY)	
	2. No (IF NO PLEASE SKIP TO QUESTION #15)	1. TV	
14.	. If so, which ones?	2, Radio	
	(NAME OF NOBILE AREA NEWSPAPER)	3, Newspaper	
	(LIST ALL MENTIONED)	4. Face to Face	
		5. Sirens	

빔	2. Face to Face	3. Tuned in to media	4. Read about it	26. After receiving your first warning, how certain were you that Frederic would hit your area? (ON A SCALE OF O TO 6 WITH 1 BEING VERY INNCREATAIN AND 6 BEING UPRY CHERALN	0 1 2 3 4 5 6	27. For about how long before Frederic hit did you receive warning messages? (IN HOURS/DAYS)	(HOURS/DAYS)	28. From what sources did you receive warning messages about Frederic? (CHECK ALL THAT APPLY)	. 1. TV 2. Radio	3. Neighbor, irtend	4. Relative	5. Family member - 1.e. llving at home	6. Local fire/police	29 Which source did you tend to believe the most? (CHECK ONLY ONE)		2. Radio 3. Neighbor, friend	Relative		6. Local fire/police		
): Have von ever been warned about a disaster that never actually	l. Yes, in Mobile	2. Yes, elsewhere	3. No	 Please answer Agree or Disagree to the following statements: (CIRCLE ANSWER GIVEN) 	AGREE DISAGREE a. False warnings make me feel like not believing most disaster warnings.	AGREE DISAGREE b. False warnings are OK because it's better to be safe than sorty.	(READ TO RESPONDENT)	"Now I have some questions to ask about warnings you might have received about Hurricane Frederic."	23 Overall about how many warning messages did you receive about Frederic (from all sources) prior to the hurricane getting here? (RECORD ACTUAL NUMBER OF SOURCES OR VERBAL STATEMENT IF RESPONDENT CAN'T GIVE AN EXACT NUMBER IN, UNSURE, PROBE FOR HANY, FEN ETC.)				24 From what source did you first hear that Frederic might hit Mobile?		2. Radio	yr , r	4. Newspaper	5. Veighbor, friend	n, delative	7. Farily member - living at home	

			72
30 In the 12 hours before Frederic hic did you rely on one source more than others for keeping track of the storm?	37, 1f not, why didn'tyou evacuate?	tyou,evacuate? (REGORD VERBATIH)	
1. Yes 2. No (IF NO, PLEASE SKIP TO QUESTION #32)			
31. If yes, which one? (RECORD SOURCE - SPECIFIC NAME OF STATION, NEWSPAPER, ETC.)	38. Since you didn't your home and fam	Since you didn't evacuate did you do anything special to prepare your home and family for Frederic? (LIST ALL THINGS DONE)	
32. In the 12 hours before the storm, did you attempt to confirm or get additional information on any warning message by either checking other media or calling anyone?			
1. Yes 2. No	39. Did you follow any advice giv how to prepare for Frederic?	39. Did you follow any advice given out over the media regarding how to prepare for Frederic?	
- 53	2. No	Yes No (IF NO, PLASE SKIP TO QUESTION #41)	
1 Yes	40. If yes what? (REC OR NOT)	40. If yes what? (RECORD ALL ADVICE FOLLOWED WHETHER THEY EVACUATED OR NOT)	
34. If yes, did you evacuate your home?			
2. No (IF NO, SKIP TO QUESTION #37)			
35 If yes where did you go and how long did you remain there? (PLACE)	41. Twelve hours before area (neighborhoo 0 TO 6 WITH 0 BEI	rederic hit, how ce as going to be impa OT CERTAIN AT ALL	
(LENGTH OF TIME SPENT THERE IN DAYS/HOURS)			
36. How soon after Hurricane Frederic struck were you able to return to your own home to live? (IN DAYS)	42. Now much danger d hitting (ON A SCA	42, Now much danger did you personally leel you were in prior to Frederic hitting (ON A SCALE OF O TO 6 WITH O BEING NONE AND 6 EXTREME) O 1 2 3 4 5 6	1110
(8Er KOILO IO ONESLION			

-											,	/3
48. Did any of vour relatives evacuate the area?	2 No Applicable	49. Did you receive any information from any source about where to go for evacuations? 1. Yes (IF YES, FROM WHICH SOURCES)	2. No	50. Given all the warning and evacuation messages you received, which source provided you with the most believable information? (CHECK ONLY ONE)	1. Local Fire/Police 2. TV	3. Radio 4. Newspapers	5. Friends/Neighbors 6. Relatives	7. Family Member (i.e. living at home)	2. Delivery(How they said it)	3. Accuracy, Specificity of the message	4. Visual aspects - TV 5. Old not halfown	
43. In the 12 hours prior to impact did you at anytime discusss the satuation with family or relatives?	1. Yes, Face to Face 2. Yes, Over the Telephone	3. Yes both (FACE TO FACE AND TELEPHONE) 4. No	2. Yes, Over the Telephone	3. Yes both (FACE TO FACE AND TELEPHONE) 4. No (SKIP TO QUESTION #47)	45. Did those discussions influence what you decided to do regarding the Hurricane?	1. Yes 2. No (IF NO PLEASE SKIP TO QUESTION #47)	46. If so how? (RECORD ACTUAL RESPONSE)		47. Did your neighbors evacuate the area?	1. Yes	2 Vo 3. DK	

57. How many people did you know who were injured in the storm? (RECORD ACTUAL NUMBER) f friends/neiobbors	b of family (living with you)	# of kin		58. Did you use any aid program to help pay or repair the damage to your home?	1. Yes	2, No	59. I'm going to read you a list of agencies/organizations that made aid available to victims of Frederic. For each that I mention would you tell me if you recieved aid from it and what type?	YES NO TYPE OF AID RECEIVED	Red Cross	Salvation Army		FDAA (FEDERAL GOVERNHENT)	SBA (HOW MUCH FOR LOAN)	Local Civic	Organizations Church Crounc					
52 In terms of the storm's acutal impact and damage, which one source of information provided you with what, looking back, turned out to be the most accutate information?	l tocal Fire/Police		J. Radio	4. Newspapers	5. Friends/Neighbors	6. Relatives	7. Family Member (i.e. living at home) 3. How much damage did your home and property receive from the storm? (RECORD ANY DESCRIPTION)	None I		3. Moderate	4. Severe	5. Totally destroyed	4. Was your home damaged by a tornado set off by Hurricane Frederic?	l. Yes	2 No (IF NO. PLEASE SKIP TO QUESTION #57)	If yes did you receive any specific tornado warming?	l. Yes	2. No (IF NO, PLEASE SKIP TO QUESTION # 57)	. If yes, from what source did vou receive tornado warnings?(SPFCIFY)	

	b4. Is your family completely over the storm in terms of your finances (reconstruction losses, etc.)?
60. For the and programs that you got help from in recovery how did you find out about each one?	1. Yes
RED CROSS	65. After the storm, were you or any member(s) of your lamily patticularly upset by the storm emotionally speaking?
SALVATION ARM	1. Yes 2. No (IF NO SKIP TO QUESTION #67)
FDAA (FEDERAL GOV.)	
SBA	66. Did you (they) seek any counseling, guidance or help with these emotional upsets?
LOCAL CIVIC ORGANIZATIONS	TEST (FRUCH MILOS)
CHURCH	
61. Did you have insurance on your home?	67. Were you aware of any programs designed to help disaster victims
1, Yes	I. Yes
2. No(IF NO SKIP TO QUESTION #64)	2. No (IF NO SKIP TO QUESTION # 69)
3. Not Applicable (SKIP TO QUESTION #64)	
62. If yes, was the settlement adequate to cover your losses from Frederic?	68. If yes, how did you hear about them? (RECORD ACTUAL RESPONSE)
1. Yes (IF YES SKIP TO QUESTION # 64)	
2. No	
 How did you make up the difference between your losses and your insurance money?(RECORD ACTUAL RESPONSE) 	69. Would you do anything differently if you heard that Mobile might be hit by another hurricane?
	1. Ies (affairi)
	2 40

(GET NAME OF PAPER, CHANNEL OF TW. ETC.) TW. ETC.) TRECETISTICS about a TW reporter if warnings? disarter warning messages that ou more likely to believe them? sisted of maps, pictures of the storm, influential in your believing	70. Would you use the same sources for intormation you mentioned earlier if	75. Are there any improvements that you can recommend in terms of how disaster and program were advertised after Frederic (RECORD RESPONSE)
2. No Girich one media source would you be most likely to use in case of a future disaster here? (GET NAME OF PAPER, CHANNEL OF TV. ETC.) Are there any specific personal characteristics about a TV reporter that might make you believe disaster warnings? 1. Dress 2. Hanner (SPECIFY) 3. Race 4. Other 2. What the message consisted of 3. Source of the message consisted of 3. Source of the message 4. Other 1. Tone of the message 4. Other 2. What the use of weather maps, pictures of the storm, on TV or in newspapers, were influential in your believing the warnings about Frederic? 1. Vos 2. No	your heard another one was coming?	
2. No Which one media source would you be most likely to use in case of a future disaster here? (GET NAME OF PAPER, CHANNEL OF TAPER, CHANNEL OF TAPER and you believe disaster warnings? 1. Dress 2. Manner (SPECIFY) 3. Race 4. Other 1. Tone of the message consisted of 3. Source of the message 4. Other 2. What the message consisted of 3. Source of the message 4. Other 1. Tone of the message 5. What the use of weather maps, pictures of the storm, on TV or in newspapers, were influential in your believing the varnings about Frederic? 1. You	I. Yes	
Are there any specific personal characteristics about a TV reporter that might make you believe disaster varings? 1. Dress 2. Hanner (SPECIFY) 3. Race 4. Other 1. Tone of the message consisted of 3. Source of the message consisted of 4. Other 4. Other 2. What the message consisted of 3. Source of the message 4. Other 1. Tone of the message 2. What the message was pictures of the storm, on TV or in newspapers, user influential in your believing the warmings about Frederic? 1. Yes 2. No	2. No	
TV reporter TV reporter sages that teve than? the storm, elieving	Which one media source would you be ${\tt most}$ likely to use a ${\tt s}$ future disaster here?	Which technique them about disaster
TV reporter sages that seve them? the storm, elieving	CHANNEL	
	l. Dress	
		77. Prior to impact did you see any films on TV of Frederic?
	73. Is there anything about the actual disaster warning messages that your hear or tea this bould mike you mays likely to believe than?	
79.	(CHECK ALL THAT APPLY) 1. Tone of the message	78. Did any of these films on TV influence you in terms of what actions you took?
79.	2. What the message consisted of	
79.		
1.		79. Did you watch weather programson TV regarding the storm?
	74. Do you find that the use of weather maps, pictures of the storm, on TV or in newspapers, vere influential in your believing the warnings about Frederic?	

(CIRCLE APPROPRIATE ANSWER) YES, TEEL NO, NOT FEEL DK	87. The people in Washington, D.C. are out of touch with the rest of the country.	88. Family ties are strengthened when times 1 2 3	"Here's a list of statements. After I read the statements will you tell me if you agree or disagree with the statement."	(CIRCLE APPROPRIATE ANSWER) AGREE DISAGREE	89. Many times I feel than I have little influence over the things that happen to me. 1	90. In the long run the bad things that happen to us are balanced by the good ones.	91. It is not always wise to plan too far ahead because many things furn out to be a matter of good or bad luck anyhow.	92. Sometimes I feel that I don't have enough control over the direction my life is taking. 1	(READ TO RESPONDENT)	"Before we conclude, I'd like to ask a few general questions abour voursalf	and your family."	93. How old are you? YEARS	94. Race of respondent (ASK THIS QUESTION ONLY IF YOU CANNOT DETERMINE THE ANSWER YOURSELF)	77
80 Did these weather programs influence you in terms of what actions	you rook?	81 At any time during Hurricane Frederic were you worried about the	possibility of tooters.	2. No	82. Did that concern affect what you did before the storm hit? (RECORD ACTUAL RESPONSE)		(READ TO RESPONDENT)	"Now I'd like to ask you some questions about your feelings, experiences, and attitudes regarding things in general."	"I'm going to read you some things some people have told us that they have felt from time to time. Bo you tend to feel or not"	(CIRCLE APPROPRIATE ANSWER) YES, FEEL NO, NOT FEEL DK	83. The people running the country don't really care what happens to you.	84. The rich ger richer and the poor ger topology and the poor ger topology to the poor ger topology topology to the poor ger topology to the poor	85. What you think doesn't count very 1 2 3	86 Most people with power try to Eake advantage of people like yourself.

99. What is your current marital status?		4. Separated 5. Widowed 6. Unmarried Cohabitant	100. What was your marital status at the time of Hurricane Frederic? 1. Married 2. Single	3. Divorced 4. Separated 5. Widoved	6. Unmarried Cohabitant 101. What is your religious affiliation? 1. None	2. Profestant 3. Catholic 4. Jewish 5. Other	102. How frequently do you attend religious services. 1. Do not attend 2. Very infrequently 3. Occasionally
	95. Sex of respondent. 1. Male 2. Female	1	97. What was the highest grade you completed in school? 1. Grade 9 or less 2. High School - incomplete	3. High School - Graduate 4. Some college or technical school 5. College Graduate	6. Post graduate - professional 7. Other 98. About how much is your total income(from all sources in a given year?	1. Less than \$5000 2. \$5001 to \$7500 3. \$7501 to \$10,000 4. \$10,001 to \$15,000	

103. How important is religion in your life?

1. Very Important

2. Fairly Important

3 Neither Important nor unimportant

4. Unimportant

5. Completely unimportant

THANK THE RESPONDENT AND CONCLUDE THE INTERVIEW!

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