

APPENDIX 1: ACRONYMS

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AEP	Annual Exceedance Probability
AHPS	Advanced Hydrologic Prediction Service
AICP	American Institute of Certified Planners
BRIC	Building Resilient Infrastructure and Communities
CBBEL	Christopher B. Burke Engineering, LLC
CFM	Certified Floodplain Manager
COAD	Community Organizations Active in Disaster
CPRI	Calculated Priority Risk Index
CRS	Community Rating System
DFIRMs	Digital Flood Insurance Rate Maps
DHS	Department of Homeland Security (US)
DMA	Disaster Mitigation Act
EHS	Extremely Hazardous Substance
EMA	Emergency Management Agency
EPCRA	Emergency Planning and Community Right to Know Act
ERP	Emergency Response Plan
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
FMA	Flood Mitigation Act
FRP	Flood Response Plan
GIS	Geographic Information System
HAZUS-MH	Hazard US – Multi-Hazard
HMGP	Hazard Mitigation Grant Program
MHMP	Multi-Hazard Mitigation Plan
HMRT	Hazardous Materials Response Team
HUC	Hydrologic Unit Code
IDEM	Indiana Department of Environmental Management

IDHS	Indiana Department of Homeland Security
IDNR	Indiana Department of Natural Resources
IEAP	Incident and Emergency Action Plan
INAFSM	Indiana Association of Floodplain and Stormwater Managers
LEPC	Local Emergency Planning Commission
MHMP	Multi-Hazard Mitigation Plan
MPH	Miles Per Hour
MRCC	Midwestern Regional Climate Center
MSDS	Material Safety Data Sheet
NCDC	National Climatic Data Center
NFIP	National Flood Insurance Program
NLD	National Levee Database
NOAA	National Oceanic Atmospheric Administration
NRCS	National Resource Conservation Service
NWS	National Weather Service
OSHA	Occupational Safety and Health Administration
PDM	Pre-Disaster Mitigation
RFC	Repetitive Flood Claims
SARA	Superfund Amendment Reauthorization Act
SFHA	Special Flood Hazard Area
SRL	Severe Repetitive Loss
USDA	United States Department of Agriculture
US DHS	United States Department of Homeland Security
USGS	United States Geological Service
WCT	Wind Chill Temperature

**APPENDIX 2: PLANNING COMMITTEE MEETING AGENDAS
AND SUMMARIES**

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Vigo County Multi-Hazard Mitigation Plan Update
Project Team Meeting

Go-To-Meeting (Virtual)

March 2, 2022

1:00 pm

AGENDA

1. Welcome and Introductions
2. Approach for the MHMP Update/Meeting Purpose
3. Hazard Risk Assessment:
 - a) Review Hazard Data
 - b) Discuss Vulnerability to Hazards
 - c) Determine Probability & Severity
4. Next Steps
5. Adjournment

CALCULATED PRIORITY RISK INDEX

The CPRI evaluates each hazard based on its probability of occurrence, severity, prior warning time, and duration. Thus, the CPRI provides a means to assess a hazard relative to others for a community. To determine the CPRI, a value of 1 through 4 is assigned to the categories for probability, magnitude/severity, warning time, and duration of event.

CPRI = Probability X 0.45 + Magnitude/Severity X 0.30 + Warning Time X 0.15 + Duration of Event X 0.10.

PROBABILITY

1. Unlikely – event is possible within the next 10 years; up to 1 in 10 years chance of occurring (10%); historic events is less than or equal to 10% likely per year
2. Possible – event is possible within the next 5 years; up to 1 in 5 years chance of occurring (20%); historic events is greater than 10% but less than or equal to 20% likely per year
3. Likely – event if probable within the next 3 years; up to 1 in 3 years chance of occurring (33%); historic events greater than 20% but less than or equal to 33% likely per year
4. Highly Likely – event is probable within the calendar year; up to 1 in 1 year chance of occurring (100%); historic events greater than 33% likely per year

MAGNITUDE/SEVERITY

1. Negligible – few injuries; shutdown of critical facilities and services for 24 hours or less; less than 10% of property is severely damaged; average response duration of less than 6 hours
2. Limited – few injuries; complete shutdown of critical facilities and services for more than 1 week; more than 10% of property is severely damaged; average response duration of less than 1 day
3. Significant – multiple injuries; complete shutdown of critical facilities and services for at least 2 weeks; more than 25% of property is severely damaged; average response duration of less than 1 week
4. Critical – multiple deaths; complete shutdown of critical facilities and services for 30+ days; more than 50% of property is severely damaged; average response duration time of less than 1 month

WARNING TIME

1. >24 hrs
2. 12-24 hrs
3. 6-12 hrs
4. < 6 hrs

DURATION OF EVENT

1. < 6 hrs
2. < 1 day
3. < 1 wk
4. > 1 wk

Assumptions for Estimating Potential Losses

90% mean assessed value for structures (Vigo County GIS) x # structures x replacement

25% of structures=100% damage

35% of structures=50% damage

40% of structures=25% damage

Vigo County Multi-Hazard Mitigation Plan Update
Project Team Meeting

Go-To-Meeting (Virtual)

March 2, 2022

1:00 pm

1:00 pm

SUMMARY

Project Team Members Present:

Name	Office	Representing
Scott Barber	Vigo County Engineer	Vigo County
Kevin Barrett	Terre Haute Police Department	Terre Haute
Kurt Brinegar	Safety and Security	Vigo County School Corp.
Jake Campbell	Security Director	Rose-Hulman Inst. Of Tech.
Neil Costello	Terre Haute City Engineer	Terre Haute
Russ Feuquay	Terre Haute Fire Department	Terre Haute
Dorene Hojnicki	Emergency Management Agency	Vigo County
Keith Holbert	Emergency Management Agency	Vigo County / West Terre Haute
Jeremy Jessie	Seelyville Town Manager	Seelyville
Brent Lloyd	Terre Haute Police Dept.	Terre Haute
Aaron Loudermilk	Vigo County Council	Vigo County
Matt McCullough	Riley Fire Dept.	Riley
Barry Nicoson	EMS System Manager	Union Hospital
Jason Parker	Seelyville Town Marshall	Seelyville
Troy Ramsey	Emergency Management Agency	Vigo County
Curtis Stoffel	Security Director	Regional Hospital

Others Present:

Heather Buck, CBBEL

1. Welcome and Introductions

To begin, EMA Director and Deputy Director thanked everyone for attending the meeting and asked those present to introduce themselves. Mr. Davis briefly explained the purpose of the meeting and the planning effort and introduced Heather Buck, CBBEL.

2. Approach for the MHMP Update/Meeting Purpose

Heather explained to the group that the MHMP Update is a requirement to be completed every five years. The overall approach, utilizing a larger Planning Committee similar to the previous approach was described. The meetings will follow steps to reach the end result of an updated MHMP for all incorporated communities within Vigo County.

3. Hazard Risk Assessment:

a) Review Hazard Data

The Committee reviewed the hazards to be studied as determined by Vigo County EMA and agreed that these are the hazards which most affect the County. Heather shared data that CBBEL had gathered from the Nation Climatic Data Center (NCDC), local media outlets, and various agencies and offices since the 2016 MHMP was completed.

b) Discuss Vulnerability to Hazards

The Committee was engaged during the discussions regarding the hazards, specific events, and damages experienced. This information will be utilized to guide additional data collection for the MHMP Update, as well as enhance the discussion with the Planning Committee.

c) Determine Probability & Severity

The Committee, considering the data collected, their knowledge, and the prior discussions, determined the probability and severity of the hazards considered during this planning effort. This information will be utilized to determine the Calculated Priority Risk Index (CPRI) and will be reviewed by the Planning Committee.

4. Critical Infrastructure

Heather explained that the listing of Critical Infrastructure was partly provided by Vigo County, and partly obtained from state-wide databases as needed. The information was then categorized into sectors, mapped, and utilized to perform additional data analyses to prepare “what-if” scenarios.

5. Next Steps

The process was further explained to the Committee to include the next session, a public review period, and submission of the draft report for all Committee members, the public, and FEMA’s review and comment. It was also explained that it will be very important that all Committee members provide their information in a timely manner so that the draft MHMP Update can be prepared.

6. Adjournment

The first Committee session adjourned. A second session will be held to review the listing of the potential mitigation measures and provide a ranking of High, Moderate, or Low.

Vigo County Multi-Hazard Mitigation Plan Update

Project Team Meeting

Go-To-Meeting (Virtual)

March 3, 2022

9:00 am

1. Welcome and Introductions
2. Review of the approach for the MHMP Update
3. Review the Hazard Risk Assessment/CPRI
4. Review and Prioritize Proposed Mitigation Measures
5. Next Steps
6. Adjournment

Vigo County Multi-Hazard Mitigation Plan Update

Project Team Meeting

Go-To-Meeting (Virtual)

March 3, 2022

9:00 am

SUMMARY

Project Team Members Present:

Name	Office	Representing
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Jake Campbell	Security Director	Rose-Hulman Inst. Of Tech.
Neil Costello	Terre Haute City Engineer	Terre Haute
Russ Feuquay	Terre Haute Fire Department	Terre Haute
Dorene Hojnicki	Emergency Management Agency	Vigo County
Keith Holbert	Emergency Management Agency	Vigo County / West Terre Haute
Jeremy Jessie	Seelyville Town Manager	Seelyville
Brent Lloyd	Terre Haute Police Dept.	Terre Haute
Aaron Loudermilk	Vigo County Council	Vigo County
Matt McCullough	Riley Fire Dept.	Riley
Barry Nicoson	EMS System Manager	Union Hospital
Jason Parker	Seelyville Town Marshall	Seelyville
Troy Ramsey	Emergency Management Agency	Vigo County
Curtis Stoffel	Security Director	Regional Hospital

Others Present:

Heather Buck, CBBEL

1. Welcome and Introductions

Heather and the EMA Director and Deputy Director once again thanked everyone for attending. Introductions were made by those present.

2. Review of the Approach for the MHMP Update

A brief review was provided for those committee members not present at the first session.

3. Review the Hazard Risk Assessment/CPRI

The results of the completed CPRI were shared with those present. Utilizing the discussion from the previous Committee session, the “draft” CPRI was presented. Adjustments were made based on additional discussion with the Committee once they were able to see the final prioritizations.

4. Review and Prioritize Proposed Mitigation Practices

Utilizing the mitigation practices described in the 2016 MHMP and information gathered through the planning process, a list of proposed mitigation practices was presented to the Committee for review and comment. Several members provided insight and input to wording and options for each proposed mitigation measure which was then ranked as High, Moderate, or Low in implementation priority. It was explained that those practices ranked as High would have additional steps outlined within the MHMP Update to assist with the implementation process.

5. Next Steps & Future Meetings

It was explained that the next step in the process is to prepare the draft MHMP Update for review first by the EMA staff and then by the Planning Committee members. Comments accepted by the EMA will be incorporated into the plan. Once this has been completed, a public review period will be set and the draft will be submitted to FEMA and IDHS for review and comment.

6. Adjournment

The Committee adjourned

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**APPENDIX 3: Public Participation and Involvement
of Other Interested Parties**

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MEDIA RELEASE

For Immediate Release

Media Release Date: August 11, 2022

Contact: Keith Holbert, Vigo County EMA (812.462.3217)

Public Presentation of the Vigo County Multi-Hazard Mitigation Plan Update

Terre Haute, IN (August 11, 2022) – Vigo County, in cooperation with Riley, Seelyville, Terre Haute, and West Terre Haute have prepared an update to the 2016 Multi-Hazard Mitigation Plan (MHMP) to address the risk and vulnerability of communities in the county which may be affected by known natural, man-made, and technological hazards.

The Disaster Mitigation Act of 2000 (DMA 2000) requires communities to update their MHMP every five years in order to be eligible for any future mitigation funding through the Indiana Department of Homeland Security and the Federal Emergency Management Agency. The intent of the MHMP is to plan for a disaster before it occurs in order to reduce the physical, social and economic impact of that disaster.

The draft Vigo County MHMP Update may be accessed at www.vigocounty.in.gov at your convenience.

Topics covered in the update include: an overview of the planning requirements; a summary of the risk assessment and vulnerability analysis; and proposed mitigation projects for prevention, property protection, natural resource protection, emergency services, structural control projects, and public information.

Comments will be accepted through Monday, August 22, 2022. Please submit comments to Keith Holbert at 812.462.3217 or keith.holbert@vigosheriff.in.gov

---END---

Vigo County Multi-Hazard Mitigation Plan 5-Year Update



Please take some time to review and provide comments on the

The 2022 Vigo County MHMP Update

This helps us create a better plan, prepare for hazards that may affect Vigo County and the communities, and become more resilient should an event occur.

Your time and efforts are appreciated!

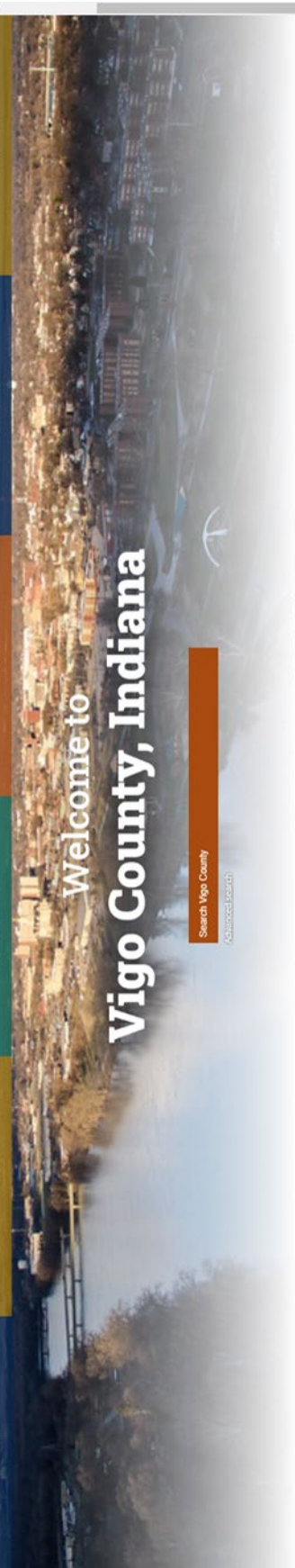
The Vigo County Multi-Hazard Mitigation Plan (MHMP) Update is a multi-jurisdictional planning effort led by the Vigo County Emergency Management Agency. The previous MHMP, adopted in 2016 was the necessary first step of a multi-step process to implement programs, policies, and projects to mitigate the effect of hazards in Vigo County. A Federal Emergency Management Agency (FEMA) approved MHMP is required to be eligible for disaster mitigation funds.

FEMA also requires communities to update and resubmit the MHMP every five years to continue to be eligible for mitigation project grant funding. The intent of this current planning effort is to replicate the process of identifying the hazards and the social, physical, and economic impact that they affect Vigo County as well as to discuss mitigation measures implemented within the last five years.

A copy of the draft MHMP Update is available electronically through www.vigocounty.in.gov

Comments will be accepted through August 22, 2022.

Any comments or questions should be directed to Keith Holbert at 812.462.3217 or keith.holbert@vigosheriff.gov



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Around Your County

Around Vigo County

The Vigo County Government website has been designed to provide citizens easy access to government information and online services.

[» LEARN MORE](#)



Upcoming Events

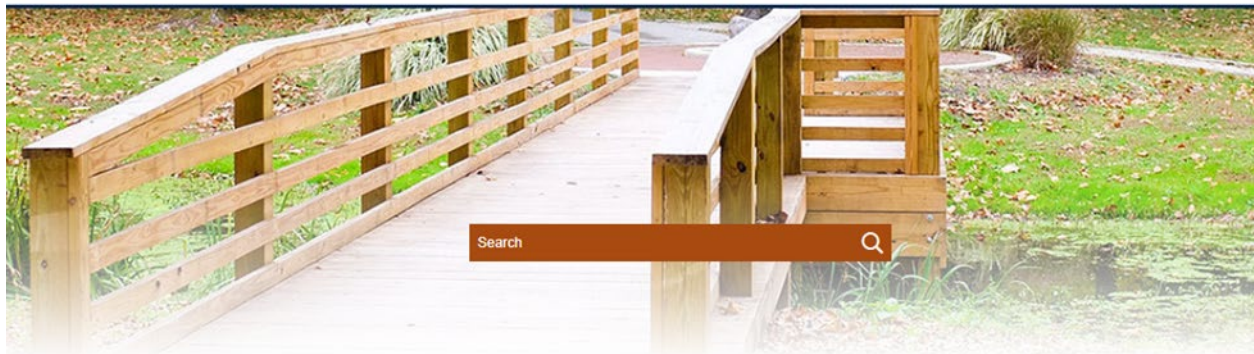
August 2022						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6

[All County Offices Closed](#)
[All Day](#)
[Vigo County Government Center](#)

[Commissioners Meeting](#)
 9:00 am - 10:00 am

Recent News

- [Public Presentation of the Vigo County Multi-Hazard Mitigation Plan Update](#)
- [2022 Vigo County Tax Sale](#)
- [Requested 2023 Vigo County Budget](#)
- [2022 Primary Official Results](#)



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Download media here:

 Bill Pay	 GIS Portal
 Agendas & Minutes	 Employment
 County Code	 Citizens Alerts

APPENDIX 4: CRITICAL INFRASTRUCTURE BY COMMUNITY

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Map ID	Airport	Community
1	Sky King Airport-313	Vigo County
2	Terre Haute Regional Airport	Terre Haute

Map ID	Cellular Tower	Community
3	KNKA497	Terre Haute
4	KNKA497	Vigo County
5	KNKA497	Vigo County
6	KNKA497	Vigo County
7	KNKA497	Terre Haute
8	KNKA762	Terre Haute
9	KNKN449	Seelyville

Map ID	Dams	Community
d1	--84-40	Vigo County
d2	Albert Mason Lake Dam	Seelyville
d3	Amax Coal Co. Dam	Vigo County
d4	Boyll Lake Dam	Vigo County
d5	Busseron Dam No. G-10	Vigo County
d6	Busseron Dam No. G-4	Vigo County
d7	Chinook Mine Dam (Honey Creek)	Vigo County
d8	Chinook Mine Dam No. 17	Vigo County
d9	Chinook Mine Dam No. 5-A	Vigo County
d10	Chinook Mine Dam No. 5-C	Vigo County
d11	Chinook Mine Dam No. 5-D	Vigo County
d12	Chinook Mine Dam No. 7	Vigo County
d13	Daisy Lake Dam	Vigo County
d14	Dowell Lake Dam	Vigo County
d15	Farmer Lake Dam	Tecumseh CDP
d16	Forest Park Swimming Pool Dam	Vigo County
d17	Fowler Park Lake Dam	Vigo County
d18	Golf Course Lake Dam	Vigo County
d19	Green Valley Mine Pond Dam	Vigo County
d20	Griggs Lake Dam	Terre Haute
d21	Hartman Lake Dam	Vigo County
d22	Hawthorn Park Dam	Vigo County
d23	Hawthorne Wildlife Dam	Vigo County
d24	Hulman Lodge Dam	Vigo County
d25	Hulman Street Dam	Terre Haute
d26	Kenwood Lake Dam	Vigo County

Map ID	Daycare	Community
10	ABC daycare	Terre Haute
11	ABC preschool	Terre Haute
12	Angels watching over you	North Terre Haute CDP
13	Big sprouts pre-k and after school care	Vigo County
14	Busy bee daycare & preschool	West Terre Haute
15	Charlene's happy home childcare	Terre Haute
16	Childtime childcare	Terre Haute
17	Childtime childcare & preschool	Terre Haute
18	Davis Park elementary preschool	Terre Haute
19	Dawn's daycare 2	Terre Haute
20	Dee Dee's daycare	Terre Haute
21	Dreams and discoveries daycare/preschool	Terre Haute
22	Eduplay childcare	Vigo County
23	Farrington grove elementary preschool	Terre Haute
24	Fuqua elementary preschool	Terre Haute
25	Gabbie's kiddie Korner	Terre Haute
26	Giggle	Terre Haute
27	Grandma's day care	Vigo County
28	Hamilton center, inc early head start & childcare	Terre Haute
29	Icare activity center	Terre Haute
30	In bloom childcare	North Terre Haute CDP
31	ISU early childhood ed center	Terre Haute
32	ISU ecec infant toddler program	Terre Haute
33	It's all about childcare	Terre Haute
34	Jolly giraffe	Terre Haute
35	Just 4 kids' daycare	Terre Haute
36	Just like mom day care	Terre Haute
37	Karen's kids' day care and preschool	Vigo County
38	Kid zone i	Vigo County
39	Kiddie Carousel	Vigo County
40	Kiddie Cove Llc	Terre Haute
41	Kiddieland Daycare	Terre Haute
42	Kidz Zone, Inc.	Vigo County
43	Kimmmie's Kids	West Terre Haute
44	Kinder Kare Academy 1	Terre Haute
45	Kounty Kids Child Care	Vigo County
46	Learn N' Play Daycare II	Terre Haute
47	Learning Ladder Day Care III	Terre Haute
48	Leeza's Child Care	Terre Haute
49	Little Braves Early Learning Center	Terre Haute
50	Little Bugs Daycare And Preschool, Site B	Terre Haute
51	Little Hands Childcare & Preschool, Inc.	Terre Haute
52	Little Life Day Care Ministry	Vigo County
53	Little Racers Early Learning Center At Riley Elementary	Vigo County
54	Loving Ways	Terre Haute
55	Mama Bear's Daycare II	Terre Haute
56	Maple Ave. Tree House Ccm	Terre Haute
57	Mini Miracles	Vigo County

Map ID	Daycare	Community
58	Mt. Pleasant Preschool	Vigo County
59	Munchkinland Daycare & Preschool	Terre Haute
60	My Angels Daycare I	Terre Haute
61	My Angels Daycare II	North Terre Haute CDP
62	My Little Munchkins	Terre Haute
63	Purr-Fect Memories Daycare	Terre Haute
64	R & T Child Care South	Terre Haute
65	Raggedy Ann Child Care and Preschool	Vigo County
66	Renita's Love & Happiness Childcare	Terre Haute
67	Sam's Shining Star Daycare Iv	Terre Haute
68	Sam's Shining Stars Daycare II	Terre Haute
69	Sandy's Fun Care	Terre Haute
70	Small World Learning Center	Terre Haute
71	Sugar Creek Consolidated Title I Preschool	Vigo County
72	Sugar Grove Title I Preschool	Terre Haute
73	Teddyland Day Care	Vigo County
74	Tender Moments Playhouse	Terre Haute
75	Tender Moments Preschool	Terre Haute
76	Terre Town Elementary Preschool	Terre Haute
77	The Large Playhouse Daycare	Terre Haute
78	The Play House Day Care	Terre Haute
79	The Playstation II	Terre Haute
80	Union Hospital Child Development Center	Terre Haute
81	United Child Care Center	Terre Haute
82	Veronika's Kastle Foundation	Terre Haute
83	Vigo County Head Start	Terre Haute
84	Vikes And Tykes Early Learning Center	Vigo County
85	VIP Kinder College II	Terre Haute
86	Wabash Valley Childcare	Vigo County
87	Wide World of Imagination Early Childhood Education	Terre Haute
88	Wiggle Worms Daycare	Terre Haute

Map ID	EMS Facilities	Community
89	Fayette Township Volunteer Fire Department of Sanford	Vigo County
90	Honey Creek Department of Fire and Rescue Station 1 - Headquarters	Vigo County
91	Honey Creek Department of Fire and Rescue Station 2	Vigo County
92	Honey Creek Department of Fire and Rescue Station 3	Vigo County
93	Honey Creek Department of Fire and Rescue Station 4	Vigo County
94	Nevins Township Volunteer Fire Department	Fontanet CDP
95	New Goshen Fire and Rescue Incorporated	New Goshen CDP
96	Otter Creek Township Fire Department Station 1 - North Terre Haute - Headquarters	North Terre Haute CDP
97	Otter Creek Township Fire Department Station 2 - Sandcut	Vigo County
98	Otter Creek Township Fire Department Station 3 - Burnett	Vigo County

Map ID	EMS Facilities	Community
99	Pierson Volunteer Fire Department	Vigo County
100	Prairie Creek Township Fire Department	Vigo County
101	Prairieton Fire Department	Vigo County
102	Riley Volunteer Fire Department Incorporated	Vigo County
103	Seelyville Volunteer Fire Department	Seelyville
104	Sugar Creek Fire Department Station 41 - Headquarters	West Terre Haute
105	Sugar Creek Fire Department Station 42	St. Mary of the Woods CDP
106	Terre Haute Fire Department Station 11	Terre Haute
107	Terre Haute Fire Department Station 2	Terre Haute
108	Terre Haute Fire Department Station 3	Terre Haute
109	Terre Haute Fire Department Station 5	Terre Haute
110	Terre Haute Fire Department Station 6	Terre Haute
111	Terre Haute Fire Department Station 7	Terre Haute
112	Terre Haute Fire Department Station 8	Terre Haute
113	Terre Haute Fire Department Station 9	Terre Haute
114	Transcare Ambulance Service	Terre Haute

Map ID	Fire Stations	Community
115	Alcan Aluminum Fire Brigade	Vigo County
116	Fayette Twp Sandford Volunteer Fire Dept	Vigo County
117	Fire Dept Public Safety Ofc	Terre Haute
118	Firehouse #11	Terre Haute
119	Firehouse #2	Terre Haute
120	Firehouse #3	Terre Haute
121	Firehouse #5	Terre Haute
122	Firehouse #6	Terre Haute
123	Firehouse #7	Terre Haute
124	Firehouse #8	Terre Haute
125	Firehouse #9	Terre Haute
126	Honey Creek Township Fire Dept	Vigo County
127	Honey Creek Township Fire Dept	Vigo County
128	NEW GOSHEN FIRE AND RESCUE	New Goshen CDP
129	Otter Creek Twp Fire Dept	North Terre Haute CDP
130	Pierson Volunteer Fire Dept	Vigo County
131	PRAIRIETON FIRE DEPARTMENT	Vigo County
132	Riley Volunteer Fire Dept	Riley
133	SEELYVILLE VOLUNTEER FIRE DEPARTMENT	Seelyville
134	Shepardsville Fire Dept	Shepardsville CDP
135	Sugar Creek Fire	St. Mary of the Woods CDP
136	Sugarcreek Vol Fire Dept	West Terre Haute
137	Terre Haute Fire Dept Admin	Terre Haute
138	Terre Haute Fire Dept Training	Terre Haute

Map ID	Hospitals	Community
139	Columbia Terre Haute Reg Hosp	Terre Haute
140	Continental Rehab Hospital	Vigo County
141	Hamilton Center	Terre Haute
142	Union Hospital	Terre Haute

Map ID	Law Enforcement	Community
143	Indiana State Police Post	Vigo County
144	SEELYVILLE MARSHAL DEPT	Seelyville
145	Terre Haute Police Dept	Terre Haute
146	Vigo County Sheriff's Dept	Terre Haute
147	West Terre Haute Police Dept	West Terre Haute

Map ID	Medical Facilities	Community
148	Ambucare	Terre Haute
149	Anthony Square	Terre Haute
150	Aps Clinic	Terre Haute
151	Bethesda Gardens	Vigo County
152	Cannon Inn	Terre Haute
153	Davis Gardens Health Center	Terre Haute
154	Harborside Healthcare-Terre Haute	Vigo County
155	Healthsouth Hospital of Terre Haute	Vigo County
156	Hope Center	Terre Haute
157	Maple Center	Terre Haute
158	Maryvale Apts	St. Mary of the Woods CDP
159	Maternal Health Care	Terre Haute
160	McMillan Adult Day Care	Terre Haute
161	Meadows Manor Convalescent & Rehab Center	Terre Haute
162	Meadows Manor North Retirement and Conva	Terre Haute
163	Midwest Surgery Centers Inc	Vigo County
164	Providence Health Care	St. Mary of the Woods CDP
165	Providence Medical Group	Terre Haute
166	Regional Family Medical Center	Terre Haute
167	Royal Oaks Health Care and Rehabilitation	Terre Haute
168	Simeon House	Terre Haute
169	Southwood Health & Rehabilitation Center	Terre Haute
170	St Ann Clinic	Terre Haute
171	Sycamore Manor	Terre Haute
172	Terre Haute Heart Center Outpatient Cath	Terre Haute
173	Terre Haute Nursing and Rehabilitation C	Terre Haute
174	Vigo County Wic Program	Terre Haute
175	Wabash Valley Surgery Center	Terre Haute
176	Westminster Village	Terre Haute
177	Westridge Health Care Center	Terre Haute
178	Wyndmoor Senior Living	Vigo County

Map ID	Military Installation	Community
179	Indiana National Guard	Terre Haute

Map ID	Potable Water	Community
180	Indiana American Water Company	Terre Haute

Map ID	Power Plant	Community
181	Wabash Valley Power	Vigo County

Map ID	Schools	Community
182	Adelaide De Vaney Elem Sch	Terre Haute
183	Benjamin Franklin Elem School	Terre Haute
184	Blanche E Fuqua Elem Sch	Terre Haute
185	Booker T Washington Alt Sch	Terre Haute
186	Chauncey Rose Middle Sch	Terre Haute
187	Covered Bridge Spec Ed Dist	Terre Haute
188	Davis Park Elementary School	Terre Haute
189	Deming Elementary School	Terre Haute
190	Dixie Bee Elementary School	Vigo County
191	Farrington Grove Elem Sch	Terre Haute
192	Fayette Elementary School	New Goshen CDP
193	Holy Cross School	Vigo County
194	Honey Creek Middle Sch	Vigo County
195	Hoosier Prairie Elem School	Vigo County
196	Indiana State University	Terre Haute
197	John Paul Ii Catholic High School	Terre Haute
198	Lost Creek Elementary School	Vigo County
199	Mclean Education Center (Alt)	Terre Haute
200	Meadows Elementary School	Terre Haute
201	Otter Creek Middle Sch	North Terre Haute CDP
202	Ouabache Elementary School	Terre Haute
203	Riley Elementary School	Vigo County
204	Rio Grande Elementary School	Vigo County
205	Sarah Scott Middle Sch	Terre Haute
206	St Patrick Elementary School	Terre Haute
207	Sugar Creek Consolidated Elementary Sch	Vigo County
208	Sugar Grove Elementary School	Terre Haute
209	Terre Haute North Vigo High Sch	Terre Haute
210	Terre Haute Sda School	Terre Haute
211	Terre Haute South Vigo High Sch	Terre Haute
212	Terre Town Elementary School	Terre Haute
213	West Vigo Elementary School	West Terre Haute
214	West Vigo High School	Vigo County
215	West Vigo Middle School	Vigo County

Map ID	Schools	Community
216	Woodrow Wilson Middle Sch	Terre Haute

Map ID	Tier II Facilities	Community
217	ADVICS Manufacturing Indiana L.L.C.	Vigo County
218	Air Products - Terre Haute	Vigo County
219	Allendale Substation	Vigo County
220	American Welding & Gas	Terre Haute
221	AMERIGAS	Terre Haute
222	Ampacet Corporation	Terre Haute
223	Aramark Uniform & Career Apparel Incorporated	Terre Haute
224	AT&T - INB110	Terre Haute
225	B&G Foods North America distribution center	Vigo County
226	B&G Foods North America distribution center	Terre Haute
227	B&G Foods North America Plant	Terre Haute
228	Baker Yard	Terre Haute
229	Bemis Company Incorporated	Terre Haute
230	Brenntag Mid South Incorporated	Terre Haute
231	C F Industries Substation	Vigo County
232	Ceres Solutions Cooperative 10312	Terre Haute
233	CF Industries Distribution Facilities, LLC - Terre Haute Terminal	Vigo County
234	City of Terre Haute Wastewater Utility	Terre Haute
235	CSL LLC Heartland Steel Incorporated	Vigo County
236	Danisco USA Incorporated	Vigo County
237	Dresser Substation	Vigo County
238	Duke Energy Wabash River Generating Station	Vigo County
239	East Glenn Substation	Vigo County
240	Effingham Equity	Vigo County
241	Elanco Terre Haute	Terre Haute
242	FEDEX FREIGHT, INC. - TER	Terre Haute
243	Ferrellgas/ Riley	Vigo County
244	Frontier Communications-Terre Haute E. - 944-50704-96399	Vigo County
245	Frontier Communications-Terre Haute M. - 944-50704-82333	Terre Haute
246	Frontier Communications-Terre Haute N. - 944-50704-82335	North Terre Haute CDP
247	Frontier Communications-Terre Haute S. - 944-50704-96387	Vigo County
248	Frontier Communications Northwest Central Office - 944-50704-82338	Vigo County
249	FUTUREX INDUSTRIES INCORPORATED	Vigo County
250	FUTUREX INDUSTRIES INCORPORATED	Vigo County
251	Gartland Foundry Company Incorporated	Terre Haute
252	GATX Financial Corporation Rail Division	Terre Haute
253	GE Aviation	Terre Haute
254	Geon Performance Solutions	Terre Haute

Map ID	Tier II Facilities	Community
255	Great Dane Trailers	North Terre Haute CDP
256	Hulman Farm	Vigo County
257	Hulman Terminal	Terre Haute
258	Hydrite Chemical Co	Terre Haute
259	IN-6002_Charter Communications Terre Haute	Terre Haute
260	Indiana Air National Guard	Vigo County
261	Indiana American Water Company Incorporated	Terre Haute
262	Irving Materials, Inc.	Terre Haute
263	Jamax Hauling	Vigo County
264	LOWE'S OF TERRE HAUTE 0215, IN	Vigo County
265	MEIJER STORE #285	Terre Haute
266	Meridian Brick LLC – Terre Haute Plant	Vigo County
267	Mervis Recycling Terre Haute	Terre Haute
268	New Goshen Substation	New Goshen CDP
269	North Terre Haute Substation	North Terre Haute CDP
270	Northern Indiana Public Service Company Sugar Creek Generating Station	Vigo County
271	Novelis Corporation	Vigo County
272	Nutrien Ag Solutions 574	Vigo County
273	Pilot Travel Center 297	Terre Haute
274	Polyone Corporation	Terre Haute
275	Prairie Creek	Vigo County
276	Pyrolyx USA Indiana	Terre Haute
277	Riley Substation	Vigo County
278	Rose-Hulman Institute of Technology	Terre Haute
279	Ruan Transport Corp	Terre Haute
280	Ryder Truck Rental Incorporated	Terre Haute
281	S+B Transportation 50360	Terre Haute
282	S+B Transportation 50361	Vigo County
283	S+B Transportation 50362	Terre Haute
284	Sams Club 8135	Vigo County
285	Smyrna Ready Mix Concrete Plt 236	Terre Haute
286	Sony Digital Audio Disc Corporation	Terre Haute
287	South Pit	Vigo County
288	Speedway 5173	Terre Haute
289	Speedway 5196	Vigo County
290	Sprint - Terre Haute IN POP	Terre Haute
291	Staples, INC 499	Vigo County
292	Sycamore Ridge landfill	Vigo County
293	Taghleef Industries Incorporated	Vigo County
294	Terre Haute 13th St. Substation	Terre Haute
295	Terre Haute 25th St. Substation	Terre Haute
296	Terre Haute 29th St. Substation	Terre Haute
297	Terre Haute 6th St. Substation	Terre Haute
298	Terre Haute AET Substation	Vigo County
299	Terre Haute Ampacet Substation	Terre Haute
300	Terre Haute Deming St. Substation	Terre Haute
301	Terre Haute East Substation	Vigo County

Map ID	Tier II Facilities	Community
302	Terre Haute Fruitridge Substation	Terre Haute
303	Terre Haute Honey Creek Substation	Terre Haute
304	Terre Haute LP Plant & Margaret Drive Station	Vigo County
305	Terre Haute Margaret Ave. Substation	Terre Haute
306	Terre Haute Operations Center	Terre Haute
307	Terre Haute Pfizer 138 KV Substation	Vigo County
308	Terre Haute Quakermaid Substation	Terre Haute
309	Terre Haute Sandcut Substation	Vigo County
310	Terre Haute South 1st St. Substation	Vigo County
311	Terre Haute South Vigo Substation	Vigo County
312	Terre Haute Spruce Substation	Terre Haute
313	Terre Haute US Priso Substation	Terre Haute
314	Terre Haute Vigo County Industrial Substation	Vigo County
315	Terre Haute Wastewater Treatment Plant	Terre Haute
316	Terre Haute Weston Paper Switching Station	Terre Haute
317	Thorntons #80	Terre Haute
318	thyssenkrupp Presta NA	Vigo County
319	Toad Hop Substation	Vigo County
320	Tredegear Industries Incorporated	Terre Haute
321	Unison Engine Components	Terre Haute
322	United Parcel Service Terre Haute	Terre Haute
323	US Penitentiary Terre Haute	Terre Haute
324	Van Terminal	Terre Haute
325	Verizon Wireless Sycamores (ID:456807)	Terre Haute
326	Verizon Wireless Terre Haute (ID:45596)	Terre Haute
327	VP Racing Fuels, Inc.	Terre Haute
328	Wabash River Highland Plant	Vigo County
329	Wabash Valley Asphalt Company LLC	Terre Haute
330	Wabash Valley Resources, LLC	Vigo County
331	Water Street Substation	Terre Haute
332	WEST SIDE INDUSTRIAL PARK	Vigo County
333	Wiese USA	Terre Haute
334	XPO Logistics Freight - XTH	Terre Haute

Map ID	Wastewater Treatment Plants	Community
336	West Terre Haute Wastewater Treatment	West Terre Haute
337	Water Tower (Seelyville)	Seelyville

Map ID	Water Towers	Community
337	Water Tower (Seelyville)	Seelyville
338	Water Tower (West Terre Haute)	West Terre Haute

Map ID	Large Employers	Community
e1	Advics Manufacturing	Vigo County
e2	Ampacet Corp Coloring Matrl	Terre Haute

Map ID	Large Employers	Community
e3	Arc Of Vigo County	Terre Haute
e4	Baesler's Market	Terre Haute
e5	Bemis Performance Packaging	Terre Haute
e6	Best Buy	Terre Haute
e7	Bridges Of Southern Indiana	Terre Haute
e8	Cobblestone Crossing	Vigo County
e9	Comfort Keepers	Terre Haute
e10	County Of Vigo Commissioners	Terre Haute
e11	Cracker Barrel Old Country Str	Terre Haute
e12	Data Label Inc	Terre Haute
e13	Davis Gardens Health Ctr	Terre Haute
e14	First Financial Corp	Terre Haute
e15	First Reactions Auto Rebuilder	Vigo County
e16	Gartland Foundry Co Inc	Terre Haute
e17	Gibault Inc	Vigo County
e18	Green Leaf Inc	Fontanet CDP
e19	Hamilton Center Inc	Terre Haute
e20	Harsha Behavioral Ctr	Vigo County
e21	Holiday Inn	Terre Haute
e22	Hulman & Co	Terre Haute
e23	Hulman Memorial Student Union	Terre Haute
e24	Ivy Tech Community College	Vigo County
e25	Jadcore Llc	Terre Haute
e26	JC Penney	Terre Haute
e27	John's Dental Laboratories	Terre Haute
e28	Kohl's	Vigo County
e29	Kroger	Terre Haute
e30	Kroger	Vigo County
e31	Lowe's Home Improvement	Vigo County
e32	Meadows Manor Convalescent	Terre Haute
e33	Meadows Manor North	Terre Haute
e34	Meijer	Terre Haute
e35	Menards	Vigo County
e36	Menards	Terre Haute
e37	Normal Life Of Indiana	Terre Haute
e38	Novelis	Vigo County
e39	Olive Garden Italian Kitchen	Terre Haute
e40	People Ready	Terre Haute
e41	Poly One Corp	Terre Haute
e42	Providence Medical Group	Terre Haute
e43	Providence Spirituality-cnfrnc	St. Mary of the Woods CDP
e44	Red Lobster	Terre Haute
e45	S & T Fulfillment	Terre Haute
e46	Sam's Club	Vigo County
e47	Signature Health Care	Terre Haute
e48	Sisters Of Providence	St. Mary of the Woods CDP

Map ID	Large Employers	Community
e49	Sony Dadc	Terre Haute
e50	Southwood Health & Rehab Ctr	Terre Haute
e51	Springhill Village	Vigo County
e52	Staples	Vigo County
e53	Sycamore Engineering	Terre Haute
e54	Terre Haute North Vigo High	Terre Haute
e55	Terre Haute Police Dept	Terre Haute
e56	Terre Haute Regional Hospital	Terre Haute
e57	Terre Haute S Vigo High School	Terre Haute
e58	Texas Roadhouse	Terre Haute
e59	Thompson Thrift Devl	Terre Haute
e60	Thyssenkrupp Presta Usa Llc	Vigo County
e61	Tribune Star	Terre Haute
e62	Uap Bone & Joint Ctr	Terre Haute
e63	Uap Medical Office Building	Terre Haute
e64	Union Hospital	Terre Haute
e65	Us Post Office	Terre Haute
e66	Vigo County Sheriff's Dept	Terre Haute
e67	Visiting Nurse Assn Of Wabash	Terre Haute
e68	Wabash Valley Surgery Ctr	Terre Haute
e69	Wal-Mart Pharmacy-10-4235	Terre Haute
e70	Walmart Supercenter	Vigo County
e71	West Vigo Elementary School	West Terre Haute
e72	Western Indiana Community Action	Terre Haute
e73	Westminster Village Terre Ht	Terre Haute

**APPENDIX 5: USGS STREAM GAGE LOCATIONS,
MAJOR WATERWAYS**

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Stream Gage Location	
Site Number	Site Name
03341500	Wabash River at Theodore Dreisel Memorial Bridge in Terre Haute

Major Waterways		
Blue Brook	Honey Creek	South Salt Creek
Brouilletts Creek	Hooker Creek	Splunge Creek
Busseron Creek	Little Creek	Spring Creek
Chowning Creek	Little Honey Creek	Stone Quarry Branch
Clago Creek	Little Lost Creek	Sugar Creek
Clear Creek	Lost Creek	Sulphur Creek
Coal Creek	McFarland Ditch	Swim Brook
Cox Number One Ditch	Negro Ditch	Swope Ditch
Cox Number Two Ditch	No End Creek	Thompson Ditch
Crooked Creek	North Branch Otter Creek	Turman Creek
Dive Branch	North Coal Creek	Wabash and Erie Canal
East Little Sugar Creek	North Salt Creek	Wabash River
Flo Run	Otter Creek	Watkins Creek
Gold Run	Owl Creek	Web Run
Green Brook	Oxendine Bayou	Webster Creek
Greenfield Bayou	Pit Run	West Fork Busseron Creek
Gundy Ditch	Prairie Creek	West Fork Turman Creek
Harpold Run	Rio Grande Stream	West Little Sugar Creek
Hawks Creek	Sharon Brook	Wolf Creek
Hayworth Slough	Snake Creek	

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APPENDIX 6: NCDC HAZARD DATA

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The following data tables indicate those events that have impacted Vigo County and the communities within. Please note that these tables only provide the information for those incidents where deaths, injuries, or property and/or crop damages were reported through the NCDC for this planning period. For complete tables listing all incidents impacting Vigo County, please visit:

<http://www.ncdc.noaa.gov/stormevents/choosedates.jsp?statefips=18%2CINDIANA>

<u>Location</u>	<u>Date</u>	<u>Type</u>	<u>Death</u>	<u>Injury</u>	<u>PrD</u>	<u>CrD</u>
Totals:			0	0	\$104.25K	\$11.0K
SEELYVILLE	8/26/2016	Flash Flood	0	0	\$1,000	\$0
TERRE HAUTE	5/4/2017	Flood	0	0	\$250	\$0
YOUNGSTOWN	4/3/2018	Flash Flood	0	0	\$2,000	\$1,000
TERRE HAUTE	4/3/2018	Flash Flood	0	0	\$20,000	\$10,000
TERRE HAUTE	7/30/2018	Flood	0	0	\$3,000	\$0
TAYLORVILLE	7/11/2020	Flood	0	0	\$0	\$0
TERRE HAUTE	10/21/2020	Flood	0	0	\$1,000	\$0
TAYLORVILLE	10/21/2020	Flood	0	0	\$1,000	\$0
TERRE HAUTE	3/18/2021	Flood	0	0	\$1,000	\$0
LARIMER HILL	6/19/2021	Flash Flood	0	0	\$50,000	\$0
LARIMER HILL	7/1/2021	Flash Flood	0	0	\$25,000	\$0
Totals:			0	0	\$104.25K	\$11.0K

<u>Location</u>	<u>Date</u>	<u>Type</u>	<u>Death</u>	<u>Injury</u>	<u>PrD</u>	<u>CrD</u>
Totals:			0	0	\$246.35K	\$0
TERRE HAUTE	7/13/2016	Thunderstorm Wind	0	0	\$10,000	\$0
TERRE HAUTE	7/13/2016	Thunderstorm Wind	0	0	\$100	\$0
ST MARY OF THE WOODS	7/13/2016	Thunderstorm Wind	0	0	\$1,000	\$0
WOODRIDGE	7/13/2016	Thunderstorm Wind	0	0	\$1,000	\$0
PIMENTO	4/26/2017	Thunderstorm Wind	0	0	\$250	\$0
SOUTHWOOD	5/10/2017	Thunderstorm Wind	0	0	\$100,000	\$0
HUF SKY KING ARPT	7/12/2017	Thunderstorm Wind	0	0	\$1,500	\$0
TERRE HAUTE	11/5/2017	Thunderstorm Wind	0	0	\$1,500	\$0
ATHERTON	6/10/2018	Thunderstorm Wind	0	0	\$1,500	\$0

<u>Location</u>	<u>Date</u>	<u>Type</u>	<u>Death</u>	<u>Injury</u>	<u>PrD</u>	<u>CrD</u>
(HUF)HULMAN FLD TERE	6/5/2019	Thunderstorm Wind	0	0	\$20,000	\$0
TERRE HAUTE	6/16/2019	Thunderstorm Wind	0	0	\$16,000	\$0
TERRE HAUTE	8/20/2019	Thunderstorm Wind	0	0	\$1,000	\$0
LIBERTYVILLE	4/8/2020	Thunderstorm Wind	0	0	\$5,000	\$0
TERRE HAUTE	4/8/2020	Thunderstorm Wind	0	0	\$20,000	\$0
SHEPHARDSVILLE	6/3/2020	Thunderstorm Wind	0	0	\$5,000	\$0
RILEY	6/22/2020	Thunderstorm Wind	0	0	\$1,000	\$0
TERRE HAUTE	8/10/2020	Thunderstorm Wind	0	0	\$50,000	\$0
PIMENTO	6/18/2021	Thunderstorm Wind	0	0	\$10,000	\$0
TECUMSEH	8/12/2021	Thunderstorm Wind	0	0	\$500	\$0
SHEPHARDSVILLE	10/11/2021	Thunderstorm Wind	0	0	\$1,000	\$0
Totals:			0	0	\$246.35K	\$0.0

<u>Location</u>	<u>Date</u>	<u>Type</u>	<u>Death</u>	<u>Injury</u>	<u>PrD</u>	<u>CrD</u>
Totals:			0	0	\$100.0K	\$0.0K
Vigo County	2/15/2021	Heavy Snow	0	0	\$50,000	\$0
Vigo County	1/8/2022	Winter Weather	1	0	\$50,000	\$0
Totals:			0	0	\$100.0K	\$0.0K

APPENDIX 7: POTENTIAL FUNDING SOURCES

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Assistance to Firefighters Grant

The Assistance to Firefighters Grant (AFG) is a competitive grant opportunity for local fire departments and Emergency Medical Service (EMS) organizations that are not affiliated with a hospital.

Previous Activities Funded: The AFG funds activities such as purchasing firefighting equipment, personal protection equipment, training, firefighting vehicles, and firefighter/first responder safety projects.

<https://www.fema.gov/grants/preparedness/firefighters>

Challenge 21, Floodplain

Challenge 21, the Army Corps' flood hazard mitigation and riverine ecosystem restoration initiative, will focus on more sustainable approaches. Through its focus on non-structural alternatives to flood protection, it will, where appropriate, move families and businesses out of harm's way and strive to return the floodplains of rivers and creeks to a condition where they can naturally moderate floods as well as provide other benefits to communities and the environment. Watershed by watershed, Challenge 21 builds on existing programs and initiates and expands partnerships with other Federal agencies and non-Federal national and local entities. Key Federal partners include the FEMA, the Department of Agriculture, the Department of Interior and the EPA.

Previous Activities Funded: A project might include the relocation of threatened homes or businesses, conservation or restoration of wetlands and natural floodwater storage areas and planning for responses and solutions to potential future floods

http://www.americanrivers.org/site/PageServer?pagename=AMR_content_d156

Clean Water State Revolving Loan Fund

Clean Water State Revolving Loan Fund (CWSRLF) programs operate much like environmental infrastructure banks that are capitalized with federal and state contributions. CWSRLF monies are loaned to communities and loan repayments are recycled back into the program to fund additional water quality protection projects. The revolving nature of these programs provides for an ongoing funding source that will last far into the future.

Previous Activities Funded: The CWSRF funds a broad range of projects—from wastewater systems and nonpoint source pollution control to estuary management and a range of projects focusing on water quality. Funding is typically directed to state-identified high priority projects based on several factors, including: public health protection; condition of impacted waters; and communities' regulatory compliance status.

<https://www.epa.gov/cwsrf>

Community Development Block Grants

Communities receiving Community Development Block Grants (CDBG) funds from the State may use the funds for many kinds of community development activities including, but not limited to property acquisition, public services, planning activities, and community development activities.

Previous Activities Funded: Funds have been used in Indiana for purposes such as Public facility improvements, flood and drainage facilities, Fire stations and equipment, and various community related activities and facilities.

<https://www.in.gov/ocra/cdbg.htm>

Community Facilities Grants and Loans

The Rural Development (RD) of the Department of Agriculture offers loans and grants to create jobs and support economic development and essential services such as housing; health care; first responder services and equipment; and water, electric and communications infrastructure.

Previous Activities Funded: Priority for funding will be given to those projects that will enhance public safety such as fire, police, rescue, and ambulance services, and projects for health care facilities. The fire service can use the funding for fire stations, fire trucks and rescue vehicles.

<https://www.rd.usda.gov/programs-services/community-facilities-direct-loan-grant-program>

Community Rating System

The National Flood Insurance Program's (NFIP) Community Rating System (CRS) is a voluntary incentive program that recognizes and encourages community floodplain management activities that exceed the minimum NFIP requirements. As a result, flood insurance premium rates are discounted to reflect the reduced flood risk resulting from the community actions meeting the three goals of the CRS: (1) reduce flood losses; (2) facilitate accurate insurance rating; and (3) promote the awareness of flood insurance.

Previous Activities Funded: While the CRS does not provide direct funding, reductions in insurance premiums can be significant for participants.

<https://www.fema.gov/flood-insurance/rules-legislation/community-rating-system>

Conservation Reserve Program

The Conservation Reserve Program (CRP) is a voluntary program for agricultural landowners. Through CRP, landowners can receive annual rental payments and cost-share assistance to establish long-term, resource conserving covers on eligible farmland to reduce soil erosion, and potential flood loss and damage.

Previous Activities Funded: Filter Strip Establishment, Wetland Restoration, Riparian Buffer Establishment

<https://www.fsa.usda.gov/programs-and-services/conservation-programs/conservation-reserve-program/>

Department of Interior Rural Fire Assistance Program

The Department of Interior (DOI) Rural Fire Assistance Program is aimed at enhancing the fire protection capabilities of rural fire districts in the wildland urban interface. The rural fire department must serve a community with a population of 10,000 or less and must have a statewide agreement with the state forester who maintains cooperative agreements with the rural fire departments or volunteer fire departments or a cooperative fire agreement with an agency in the DOI.

Previous Activities Funded: The program assists with training, equipment purchase, and prevention activities, on a 90/10 cost-share basis.

<http://www.nifc.gov/rfa/steps.html>

Disposal of Federal Surplus Real Property for Parks, Recreation, and Historic Monuments

Surplus real property may be conveyed for public park and recreation use at discounts up to 100 percent of fair market value and for historic purposes without monetary consideration. Property conveyed for park and recreation use or historic purposes must be used for these purposes in perpetuity or be reverted to Federal ownership.

Previous Activities Funded: Property, either real or land, varies with time with items available for public sale, lease or extended use in perpetuity.

http://www.federalgrantswire.com/disposal_of_federal_surplus_real_property_for_parks_recreation_and_historic_monuments.html

Emergency Conservation Program

The United States Department of Agriculture (USDA) Farm Service Agency's (FSA) Emergency Conservation Program (ECP) provides emergency funding and technical assistance for farmers and ranchers to rehabilitate farmland damaged by natural disasters and for carrying out emergency water conservation measures in periods of severe drought.

Previous Activities Funded: This assistance is in the form of a direct payment to affected eligible landowners and is administered through the Farm Service Agency.

<http://disaster.fsa.usda.gov/ecp.htm>

Environmental Quality Incentive Program

The Environmental Quality Incentive Program (EQIP) offers contracts with a minimum term that ends one year after the implementation of the last scheduled practices and a maximum term of ten years. These contracts provide incentive payments and cost-shares to implement conservation practices. Persons who are engaged in livestock or agricultural production on eligible land may participate in the EQIP program. EQIP activities are carried out according to an environmental quality incentives program plan of operations developed in conjunction with the producer that identifies the appropriate conservation practice or practices to address the resource concerns. The practices are subject to Natural Resources Conservation Service (NRCS) technical standards adapted for local conditions. The local conservation district approves the plan.

Previous Activities Funded: Cost sharing may pay up to 75 percent of the costs of certain conservation practices, such as grassed waterways, filter strips, manure management facilities, capping abandoned wells, and other practices important to improving and maintaining the health of natural resources in the area.

<http://www.nrcs.usda.gov/programs/eqip/>

Emergency Rehabilitation of Flood Control Works

Assistance does not extend to major improvements of flood control or federally authorized coastal protection structures, nor to reimbursement of individuals or communities for funds expended in repair or rehabilitation efforts.

Previous Activities Funded: Authorized assistance includes emergency repair or rehabilitation of flood control works damaged by flood, and restoration of federally authorized coastal protection structures damaged by extraordinary wind, wave, or water action.

http://www.federalgrantswire.com/emergency_rehabilitation_of_flood_control_works_or_federally_authorized_coastal_protection_works.html

Emergency Watershed Protection Program

The Emergency Watershed Protection Program (EWPP) work is not limited to any one set of prescribed measures. A case by case investigation of the needed work is made by NRCS.

Previous Activities Funded: EWPP work can include: removing debris from stream channels, road culverts, and bridges; reshaping and protecting eroded banks; correcting damaged drainage facilities; repairing levees and structures; reseeding damaged areas; and purchasing floodplain easements.

<http://www.nrcs.usda.gov/programs/ewp/questions.html>

Farmland Protection Program

The Farmland Protection Program provides funds to help purchase development rights to keep productive farmland in agricultural uses. To qualify, farmland must: be part of a pending offer from a State, tribe, or local farmland protection program; be privately owned; have a conservation plan; be large enough to sustain agricultural production; be accessible to markets for what the land produces; have adequate infrastructure and agricultural support services; and have surrounding parcels of land that can support long-term agricultural production. Depending on funding availability, proposals must be submitted by the government entities to the appropriate NRCS State Office during the application window.

Previous Activities Funded: Working through existing programs, USDA joins with State, tribal, or local governments to acquire conservation easements or other interests from landowners. USDA provides up to 50 percent of the fair market easement value.

<http://www.info.usda.gov/nrcs/fpcp/fpp.htm>

Fire Prevention & Safety Grant

The purpose of these grants is to enhance the safety of the public and firefighters with respect to fire and fire-related hazards. The primary goal of the Assistance to Firefighters Grant (AFG) Program's Fire Prevention and Safety Grant (FP&S) is to reach high-risk target groups in order to mitigate the high incidences of death and injuries. Additionally for Fiscal Year (FY) 2005 Congress amended the authorization to include funding for Firefighter Safety Research and Development. This guidance provides details for applying for either of these financial assistance instruments. There is no cost share requirement for the FY 2005 Fire Prevention and Safety grants.

Previous Activities Funded: Grants have been awarded to assist with the costs associated with training, equipment, vehicles for fire departments and firefighter safety research.

<https://www.fema.gov/grants/preparedness/firefighters/safety-awards>

Flood Mitigation Assistance Program

The Flood Mitigation Assistance (FMA) program provides funding to assist States and communities in implementing measures to reduce or eliminate the long-term risk of flood damage to buildings, manufactured homes, and other structures insurable under the National Flood Insurance Program (NFIP). There are three types of grants available under FMA: Planning, Project, and Technical Assistance Grants. FMA Planning Grants are available to States and communities to prepare Flood Mitigation Plans. NFIP-participating communities with approved Flood Mitigation Plans can apply for FMA Project Grants. FMA Project Grants are available to States and NFIP participating communities to implement measures to reduce flood losses.

Previous Activities Funded: A few examples of eligible FMA projects include: the elevation, acquisition, and relocation of NFIP-insured structures.

<http://www.fema.gov/fima/mitgrant.shtm>

Hazards Mitigation Grant Program

Authorized under Section 404 of the Stafford Act, the Hazard Mitigation Grant Program (HMGP) provides grants to States and local governments to implement long-term hazard mitigation measures after a major disaster declaration. The purpose of the program is to reduce the loss of life and property due to natural disasters and to enable mitigation measures to be implemented during the immediate recovery from a disaster declaration. The purpose of the program is to reduce the loss of life and property due to natural disasters and to enable mitigation measures to be implemented during the immediate recovery from a disaster.

Previous Activities Funded: Acquisition of hazard-prone property; stormwater management, elevation of flood-prone structures, and infrastructure protection measures are all considered eligible projects and have been funded in the past.

<http://www.fema.gov/fima/mitgrant.shtm>

Hazardous Materials Emergency Preparedness Grant

The Hazardous Materials Emergency Preparedness (HMEP) grant program is intended to provide financial and technical assistance as well as national direction and guidance to enhance State, Territorial, Tribal, and local hazardous materials emergency planning and training. The HMEP Grant Program distributes fees collected from shippers and carriers of hazardous materials to emergency responders for hazmat training and to Local Emergency Planning Committees (LEPCs) for hazmat planning.

Previous Activities Funded: These grants have been used for developing, improving, and implementing emergency plans, and training public sector employees to respond safely and efficiently to accidents and incidents involving the transportation of hazardous materials.

<http://hazmat.dot.gov/training/state/hmep/hmep.htm>

Indiana Family and Social Services Administration

The Family and Social Services Administration provides services to help keep children healthy and safe and help families to self-sufficient.

Previous Activities Funded: The agency may provide programs related to heating/cooling of residential buildings, temporary housing, and other important contacts in the event of an emergency or disaster.

<http://www.in.gov/fssa/families/>

Indiana Resource Conservation & Development Districts

The purpose of the Resource Conservation and Development (RC&D) program is to accelerate the conservation, development and utilization of natural resources, improve the general level of economic activity, and to enhance the environment and standard of living in designated RC&D areas. It improves the capability of State, tribal and local units of government and local nonprofit organizations in rural areas to plan, develop and carry out programs for resource conservation and development. The program also establishes or improves coordination systems in rural areas.

Previous Activities Funded: Forestry projects, wetland development, Community training projects, and other projects related to community and natural resource enhancement and protection.

<http://www.in.nrcs.usda.gov/programs/RC&D/RC&Dhomepage.html>

Indiana Rural Development Council

The Indiana Rural Development Council (IRDC) is a partnership of local, state, federal, profit and not-for-profit stakeholders that serve Indiana communities. The IRDC's purpose is to coordinate efforts of citizens and governments to meet the economic and social needs of rural Indiana.

Previous Activities Funded: These funds will be utilized to address a variety of rural issues in the areas of economic/community development, planning, leadership, infrastructure, health, telecommunication/education, workforce development, agriculture, and rural regional development initiatives.

<http://www.in.gov/irdc/index.html>

Indiana State Revolving Loan Fund

The Indiana State Revolving Fund (SRF) Loan Program provides low-interest loans to Indiana communities for projects that improve wastewater and drinking water infrastructure. The Indiana Department of Environmental Management (IDEM) and the Indiana State Budget Agency work together to administer this program and to protect public health and the environment. Recently, SRF has implemented a program to fund nonpoint source projects, as well.

Previous Activities Funded: Activities include Treatment plant improvements and upgrades, Riparian Buffers and Conservation Easements, and Wetland protection and restoration measures.

<http://www.in.gov/idem/srf/factsht0704.doc>

Indiana Transportation Enhancements Program

Transportation enhancements (TE) are transportation-related activities that are designed to strengthen the cultural, aesthetic, and environmental aspects of the Nation's inter-modal transportation system.

Previous Activities Funded: The transportation enhancements program provides for the implementation of a variety of non-traditional projects, with examples ranging from Acquisition of scenic easements, landscaping and scenic beautification, and to the mitigation of water pollution from highway runoff all of which could be utilized as measures to control or mitigate flood damage.

http://www.enhancements.org/statecontacts_TE.asp

Land and Water Conservation Fund

The Land and Water Conservation Fund (LWCF) program provides matching grants to States and local governments for the acquisition and development of public outdoor recreation areas and facilities. The program is intended to create and maintain a nationwide legacy of high quality recreation areas and facilities and to stimulate non-federal investments in the protection and maintenance of recreation resources across the United States.

Previous Activities Funded: Funds have been widely utilized for land acquisition, open space/greenspace development, which can include wetland development, critical seeding areas and other projects that can reduce the impacts of flooding.

<http://www.nps.gov/lwcf/>

Low Interest Loan Incentives

Loan amounts up to \$700,000 with interest rates of 2.5 percent to 3.0 percent are available to cities, towns and counties. The loan pays for the cost of remediation and/or demolition at identified brownfield sites.

Previous Activities Funded: Eligible activities include: soil and groundwater cleanup, demolition activities, asbestos/lead paint abatement, and additional investigations.

<http://www.idfabrownfields.com/assistance.aspx#LLI>

National Flood Insurance Program

The National Flood Insurance Program (NFIP) is a Federal program enabling property owners in participating communities to purchase insurance protection against losses from flooding. This insurance is designed to provide an insurance alternative to disaster assistance to meet the escalating costs of repairing damage to buildings and their contents caused by floods. Participation in the NFIP is based on an agreement between local communities and the Federal Government that states if a community will adopt and enforce a floodplain management ordinance to reduce future flood risks to new construction in Special Flood Hazard Areas, the Federal Government will make flood insurance available within the community as a financial protection against flood losses.

Previous Activities Funded: Flood insurance is made available within the community as a financial protection against flood losses.

<http://www.fema.gov/nfip/intnfip.shtm>

Office for Domestic Preparedness Terrorism Formula Grants

The Office for Domestic Preparedness (ODP) provides funding through the states awards to enhance the capacity of emergency responders to prevent, deter, or respond to terrorist incidents involving weapons of mass destruction. The funding is awarded to a point of contact in each state and then distributed within the state.

Previous Activities Funded: Activities have included training, technical assistance, equipment, planning and exercises related to domestic terrorism events.

<http://www.ojp.gov/state.htm>

Petroleum Remediation Grant Incentive

Grant amounts up to \$250,000 per applicant and per funding round are available to cities, towns and counties. The grant pays for the cost of petroleum remediation at identified brownfield sites.

Previous Activities Funded: Eligible activities include: underground storage tank removal, Corrective Action Plan preparation, IDEM approved remediation and monitoring.

<http://www.idfabrownfields.com/assistance.aspx#PRGI>

<http://www.fema.gov/fima/mitgrant.shtm>

Public Assistance Grant Program

FEMA's Public Assistance (PA) Grant Program allows State and Local governments and Non-Profit Organizations to respond to disasters, to recover from their impact and to mitigate impact from future disasters. The PA Program provides the basis for consistent training and credentialing of staff who administer the

program; more accessible and understandable guidance and policy for participating in the grant program; improved customer service through a more efficient grant delivery process, applicant-centered management, and better information exchange; and continuing performance evaluations and program improvements.

Previous Activities Funded: Debris removal from public roads and rights-of-way, Emergency protective measures including search and rescue, warning of hazards, and demolition of unsafe structures, Utility Distribution Systems, such as water treatment and delivery systems; and sewage collection and treatment facilities and public parks.

<http://www.fema.gov/rrr/pa/>

Purdue Cooperative Extension Service

Purdue Cooperative Extension Service provides valuable educational materials and training programs to assist in the event of a disaster or emergency

Steve Cain
Disaster Communication Specialist
615 W. State Street
Purdue University
West Lafayette, IN 47907
765-494-8410

Previous Activities Funded: Activities are educational in nature and not generally monetary offerings.

<http://www.ces.purdue.edu/eden/index.html>

Severe Repetitive Loss

This purpose of this FEMA program is to reduce or eliminate claims under the NFIP. This program applies to residential properties covered under an NFIP flood insurance policy and has at least 4 NFIP claim payments over \$5,000 each and a cumulative amount exceeds \$20,000 OR for which 2 separate claims payments have been made with the cumulative amount of the building portion exceeding the market value of the building.

Previous Activities Funded: Acquisition and demolition or relocation of at risk structures and conversion of the land to open space; elevation of existing structures to at least the Base Flood Elevation (BFE); minor physical localized flood reduction projects; and dry floodproofing for historic properties only.

<http://www.fema.gov/government/grant/srl/index.shtm>

Staffing for Adequate Fire and Emergency Response Grants

The purpose of the Staffing for Adequate Fire and Emergency Response (SAFER) grants is to award grants directly to volunteer, combination, and career fire departments to help the departments increase their cadre of firefighters. Ultimately, the goal is for SAFER grantees to enhance their ability to attain 24-hour staffing and thus assuring their communities have adequate protection from fire and fire-related hazards.

Previous Activities Funded: The SAFER grants have two activities that will help grantees attain this goal: 1) hiring of firefighters and 2) recruitment and retention of volunteer firefighters.

<http://www.firegrantsupport.com/safer/>

Volunteer Fire Assistance Program

The purpose of the Volunteer Fire Assistance (VFA) Program, formerly known as the Rural Community Fire Protection (RCFP) Program, is to provide Federal financial, technical, and other assistance to State foresters to train, and equip fire departments in rural areas and rural communities to prevent and suppress fires. A rural community is defined as having 10,000 or less population. This 10,000-population limit for participation in the VFA Program facilitates distribution of available VFA funding to the most needy fire departments. The funding must be matched on a 50-50% basis by non-federal dollars or in-kind.

Previous Activities Funded: Purchase of Self-Contained Breathing Apparatus, Protective clothing, installation of dry hydrants, and training for volunteer fire fighters.

www.fs.fed.us/fire/planning/vfa

Weatherization Assistance Program

Indiana's Weatherization Assistance Program provides residential energy conservation services to the low-income citizens of Indiana. Funding comes from federal sources and is allocated to Community Action Agencies (CAA) to provide services in each of Indiana's 92 counties. The CAAs use their own crews or private contractors to provide comprehensive energy conservation services.

Previous Activities Funded: A thorough evaluation of the structures, including the safe and efficient operation of the furnace and water heater, is included in the treatment of each home.

<http://www.in.gov/fssa/families/housing/wap.html>

Wetland Reserve Program

The Wetlands Reserve Program (WRP) is a voluntary program offering landowners the opportunity to protect, restore, and enhance wetlands on their property. The NRCS goal is to achieve the greatest wetland functions and values, along with optimum wildlife habitat, on every acre enrolled in the program. This program offers landowners an opportunity to establish long-term conservation and wildlife practices and protection.

Previous Activities Funded: The USDA Natural Resources Conservation Service (NRCS) provides technical and financial support to help landowners with their wetland restoration efforts.

<http://www.nrcs.usda.gov/programs/wrp/>

Wildlife Habitat Incentive Program

The Wildlife Habitat Incentives Program (WHIP) is a voluntary program for people who want to develop and improve wildlife habitat primarily on private land. Through WHIP USDA's Natural Resources Conservation Service provides both technical assistance and up to 75 percent cost-share assistance to establish and improve fish and wildlife habitat. WHIP agreements between NRCS and the participant generally last from 5 to 10 years from the date the agreement is signed.

Previous Activities Funded: Development of areas primarily targeted for wildlife habitat also serve as beneficial areas for flood mitigation activities such as wetland construction/restoration, native grass plantings, and filter area establishment.

<http://www.nrcs.usda.gov/programs/whip/>

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APPENDIX 8: CRS CHECKLIST

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CRS 10-Step Planning Process	Max. Points	Est. Points	Comments
1. Organize and Prepare the Plan	15	13	
Involvement of office responsible for community planning	4	4	Table 1-1 lists Planning Committee name, title, and department/agency represented
Planning committee of department staff	9	9	Table 1-1 lists Planning Committee name, title, and department/agency represented
Process formally created by the community's governing board	2	0	
2. Involve the Public	120	60	
Planning process conducted through a planning committee	60	30	Appendix 2 contains Planning Committee meeting agendas and summaries; Planning Committee reviewed draft MHMP, assisted with public review, and assisted with local adoption
Public meetings held at the beginning of the planning process	15	0	
Public meeting held on the draft plan	15	15	Full draft presented to the public; draft plan made available for public review on webpage, EMA office, Planning Office
Other public information activities to encourage input	30	15	Plan posted to website, press release; outreach flyer
3. Coordinate with Other Agencies	35	25	
Review of existing studies and plans (required)	5	5	Conducted a Community Capability Assessment to better understand existing mitigation programs, policies, and projects
Coordinating with communities and other agencies	30	20	Appendix 3 includes the invitation sent to the surrounding County EMA Directors; IDNR, FEMA and IDHS involved in planning process
4. Assess the Hazard	35	35	
Map of known flood hazards	5	5	Exhibit illustrates FIRM floodplains as well as the location of critical facilities.
Description of known flood hazards	5	5	Section 3 discusses areas with a known localized flooding issue as well as floodplains; Table shows potential losses of structures located within floodplains
Discussion of past floods	5	5	Section provides an overview of the most recent floods of note as identified by the Planning Committee, local media sources, and NCDC data; Table shows Repetitive Loss numbers; Table shows flood insurance claims
Plan includes assessment of less frequent floods	10	10	Section 3 discusses areas with a known localized flooding issue as well as floodplains; Table shows potential losses of structures located within floodplains
Plan includes assessment of areas likely to flood	5	5	Section 3 discusses areas with a known localized flooding issue as well as floodplains; Table shows potential losses of structures located within floodplains
Describes other natural hazards (required DMA)	5	5	Section 3 includes information related to Drought, Earthquake; Extreme Temperature; Fire; Flood; Hailstorm, Thunderstorm, and Windstorm; Land Subsidence; Tornado; Winter Storm and Ice; Dam/Levee Failure; Hazardous Materials; Terrorism
5. Assess the Problem	52	34	
Summary of hazard and impact on community (required)	2	2	Section 3.0 includes a Vulnerability Assessment for each hazard (Drought, Earthquake; Extreme Temperature; Fire; Flood; Hailstorm, Thunderstorm, and Windstorm; Land Subsidence; Tornado; Winter Storm and Ice; Dam/Levee Failure; Hazardous Materials; Terrorism) that specifies (where possible) the number of critical facilities that would be impacted
Impact on life, safety, health, procedures for warning and evacuation	5	5	Section 3.0 includes a Vulnerability Assessment for each hazard (Drought, Earthquake; Extreme Temperature; Fire; Flood; Hailstorm, Thunderstorm, and Windstorm; Land Subsidence; Tornado; Winter Storm and Ice; Dam/Levee Failure; Hazardous Materials; Terrorism) that specifies (where possible) the number of critical facilities that would be impacted
Impact on public health including health hazards to floodwater/mold	5		
Impact on critical facilities and infrastructure	5	5	Section 3.0 includes a Vulnerability Assessment for each hazard (Drought, Earthquake; Extreme Temperature; Fire; Flood; Hailstorm, Thunderstorm, and Windstorm; Land Subsidence; Tornado; Winter Storm and Ice; Dam/Levee Failure; Hazardous Materials; Terrorism) that specifies (where possible) the number of critical facilities that would be impacted

CRS 10-Step Planning Process	Max. Points	Est. Points	Comments
Impact on community's economy and tax base	5	0	
Number and types of buildings subject to the hazards	5	5	Section 3.0 includes a Vulnerability Assessment for each hazard (Drought, Earthquake; Extreme Temperature; Fire; Flood; Hailstorm, Thunderstorm, and Windstorm; Land Subsidence; Tornado; Winter Storm and Ice; Dam/Levee Failure; Hazardous Materials; Terrorism) that specifies (where possible) the number of critical facilities that would be impacted
Review of all flood insurance claims	5	5	Table list flood insurance claims
Natural and beneficial function of natural areas	5	5	Section 3 discusses the natural and beneficial function of floodplains for flood storage
Development, redevelopment, and population trends	7	7	Section 2 discusses population and demographics
6. Set Goals (required)	2	2	Section 4.1 list goal for MHMP - to reduce social, physical, and economic losses from hazards
7. Review Possible Activities	35	35	
Preventive activities	5	5	Section 4.2.1 discusses existing Mitigation Practices; Table 4-1 lists proposed Mitigation Practices for Preventive
Floodplain management regulatory/current and future conditions	5	5	Section 4.2.1 discusses existing Mitigation Practices; Table 4-1 lists proposed Mitigation Practices for Property Protection
Property protection activities	5	5	Section 4.2.1 discusses existing Mitigation Practices; Table 4-1 lists proposed Mitigation Practices for Property Protection
Natural resource protection activities	5	5	Section 4.2.1 discusses existing Mitigation Practices; Table 4-1 lists proposed Mitigation Practices for Natural Resource Protection
Emergency services activities	5	5	Section 4.2.1 discusses existing Mitigation Practices; Table 4-1 lists proposed Mitigation Practices for Emergency Services
Structural projects	5	5	Section 4.2.1 discusses existing Mitigation Practices; Table 4-1 lists proposed Mitigation Practices for Structural Projects
Public information activities	5	5	Section 4.2.1 discusses existing Mitigation Practices; Table 4-1 lists proposed Mitigation Practices for Public Information
8. Draft Action Plan	60	60	
Recommendations for activities 2 of 6 categories from #7 (prioritized)	10	0	
Recommendations for activities 3 of 6 categories from #7 (prioritized)	20	0	
Recommendations for activities 4 of 6 categories from #7 (prioritized)	30	0	
Recommendations for activities 5 of 6 categories from #7s (prioritized)	45	45	Table 4-1 lists and prioritizes proposed Mitigation Practices for all 6 possible activities (Prevention, Property Protection, Natural Resource Protection, Emergency Services, Structural Projects, and Public Information); Section 5.0 includes an Implementation Plan for High Priority Mitigation Practices
Post-disaster mitigation policies and procedures	10	10	Section 6.1 recommends the EMA Director reassemble the Planning Committee following a significant hazard incident to review the effectiveness of existing Mitigation Practices and make recommendations for improvement
Action items for mitigation other hazards	5	5	Table 4-1 includes Mitigation Practices for Drought, Earthquake; Extreme Temperature; Fire; Flood; Hailstorm, Thunderstorm, and Windstorm; Land Subsidence; Tornado; Winter Storm and Ice; Dam/Levee Failure; Hazardous Materials; Terrorism Section 5.0 includes an Implementation Plan for High Priority Mitigation Practices
9. Adopt the Plan	2	2	
10. Implement, Evaluate and Revise	26	26	
Procedures to monitor and recommend revisions (required)	2	2	Section 6.1 includes a process to monitor, evaluate, and update the MHMP; effort to be led by EMA Director
Plan evaluated by same (or equally qualified) planning committee	24	24	Section 6.1 acknowledges that the successful implementation of the Mitigation Practices identified in this MHMP will require cooperation and participation of entire Planning Committee.
TOTAL	382	292	

APPENDIX 9: COMMUNITY CAPABILITY ASSESSMENT

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Plans	Comprehensive Plan	Local Emergency Plan	Economic Development	Watershed Plan
Vigo County	Terre Haute and Vigo County ThriVe 2025 (2019)	Vigo County MHMP – 2016 and 2022 serve as a multi-jurisdictional approach to emergency planning.	Terre Haute Economic Development Commission	Busseron Creek
Town of Riley				Lower Eel River
Town of Seelyville				Turman Creek – Kelley Bayou
City of Terre Haute				
Town of West Terre Haute				

Ordinances	Zoning Ordinance	Subdivision Control Ordinance	Stormwater Ordinance	Burning Ordinance	Water Conservation Ordinance
Vigo County	UZO (1996)	Chapter 103 (1988)	Co-Permitted as MS4 INR040092		
Town of Riley					
Town of Seelyville					
City of Terre Haute					
Town of West Terre Haute					

Programs	NFIP	CRS	Tree City	Storm Ready	Mutual Aid Agreements
Vigo County	180263#	No	No	No	Yes Fire, Police, EMS
Town of Riley		No	No	No	
Town of Seelyville		No	No	No	
City of Terre Haute	180264#	No	Yes	No	
Town of West Terre Haute		No	No	No	

Studies/Maps	FIRMs	Evacuation Routes	Vulnerable Populations	At-Risk Structures	River Basin Partnership
Vigo County	2/18/2011	HazMat			No
Town of Riley		HazMat			No
Town of Seelyville		HazMat			No
City of Terre Haute	2/18/2011	HazMat			No
Town of West Terre Haute		HazMat			No

Staffing	Building/ Planning	GIS	Engineer / Surveyor	Street/ Highway	Floodplain Admin
Vigo County	Jared Bayler, Director, Area Plan Commission	WTH provides contracted services	Bruce Allen Jr., County Surveyor	Larry Robbins, County Engineer	Jared Bayler, Director, Area Plan Commission
Town of Riley			<i>Vigo County Engineering</i>	<i>Vigo County Highway</i>	
Town of Seelyville			Jason Parker, Street Supervisor	HWC Engineering	
City of Terre Haute			Charles Ennis, City Engineer	Ernie Meeks, Street Department	
Town of West Terre Haute			Stephanie Stephens, Street Supervisor	HWC Engineering	

APPENDIX 10: IMPLEMENTATION CHECKLIST

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MITIGATION PRACTICE	HAZARD ADDRESSED	STATUS	PRIORITY	2027 STATUS
<p>Emergency Preparedness & Warning</p> <ol style="list-style-type: none"> 1. Improve disaster preparedness and emergency response at the local level through the CERT or similar program focusing on youth <i>(2016 Measure)</i> 2. Utilize a hazard broadcast system to distribute mass notifications to residents and visitors <i>(2016 Measure)</i> 3. Coordinate with private building owners with large dynamic message boards for business and utilize them during hazard events 4. Determine how to address services for special needs, elderly, or other vulnerable populations in the event of an emergency <i>(2016 Measure)</i> 5. Work with schools, large employers, and prioritized public facilities to develop hazard plans and emergency event exercises <i>(2016 Measure)</i> 6. Purchase additional mobile message boards to provide current hazard information <i>(2016 Measure)</i> 7. Create bilingual notifications and hazard preparedness materials 8. Develop and install signage to warn of mine and shaft areas and associated dangers <i>(2016 Measure)</i> 9. Investigate the most efficient and protected method to back up county and municipal records <p>Propose ordinance language to require developer to pay to install or update outdoor warning sirens, communications, or other community alert options</p>	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input checked="" type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Flood <input checked="" type="checkbox"/> Hail/Thunder/Wind <input checked="" type="checkbox"/> Landslide/Subsidence <input checked="" type="checkbox"/> Tornado <input checked="" type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam/Levee Failure <input checked="" type="checkbox"/> HazMat Incident <input checked="" type="checkbox"/> Terrorism 	<p>Ongoing –</p> <ol style="list-style-type: none"> 2. Few county and Terre Haute residents subscribe to the existing NIXLE program 3. Several Fire Departments now have private message boards 4. There seems to be a large need within the county to deal with specialized populations 5. Many schools and large employers have plans and trainings for what to do in an emergency 6. Vigo County makes wooden and metal signs to deploy as needed 7. FEMA materials available in Spanish <p>Proposed Enhancements –</p> <ol style="list-style-type: none"> 1. Develop CERT team and improve member maintenance by collaborating with other organizations 2. Increase awareness and participation in hazard notification system 3. Coordinate with private message board owners to display messages as needed 4. Work with local organizations to investigate potential methods to work with and organize vulnerable populations 5. Increase the number of facilities that have emergency plans and exercises 6. Purchase 6 additional message boards for use in Vigo County 7. Create alternate forms of printed and voiced messaging in Spanish to reach additional residents 8. Determine appropriate messaging and place signs in high-risk areas 9. Investigate options for back-up of records and select feasible method 10. Review language from other counties and propose to local officials 	<p>High <i>(CERT, mass notifications, private message boards, special needs, hazard plans)</i></p> <p>Moderate <i>(mobile message boards, bilingual notifications, mine signage, records backup, warning siren ordinance)</i></p>	

MITIGATION PRACTICE	HAZARD ADDRESSED	STATUS	PRIORITY	2027 STATUS
<p>Emergency Response & Recovery</p> <ol style="list-style-type: none"> 1. Coordinate communications, documentation, and record keeping between communities and agencies including a database of accurate and community specific information following each hazard events 2. Enhance capabilities for the technical rescue team including large animal rescues 3. Replace the existing mobile EOC and update equipment as needed 4. Inventory, prioritize, and obtain additional staff, equipment, and training for HazMat responders 5. Purchase mobile sandbagging supplies (sand, bladders, shovels, devices) 6. Inventory needs and prioritize purchases for mobile data terminals (hardware, software, updates, etc.) to emergency response vehicles 7. Establish plans to notify and evacuate populations in known hazard areas 8. Enhance existing EOC with additional equipment 9. Inventory and prioritize needs to strengthen rural response (ATVs, lights) capabilities within the county <i>(2016 Measure)</i> 10. Inventory and prioritize needs for additional or replacement equipment in the mass casualty response trailer <i>(2016 Measure)</i> 	<input checked="" type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input checked="" type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Flood <input checked="" type="checkbox"/> Hail/Thunder/Wind <input checked="" type="checkbox"/> Landslide/Subsidence <input checked="" type="checkbox"/> Tornado <input checked="" type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam/Levee Failure <input checked="" type="checkbox"/> HazMat Incident <input checked="" type="checkbox"/> Terrorism	<p>Ongoing –</p> <ol style="list-style-type: none"> 1. Communities report information in various methods 2. A technical rescue team has been established 3. Mobile EOC is older and many pieces of equipment need to be replaced 4. A HazMat Team has been established 6. Some departments (Sheriff, EMS, Terre Haute Police/Fire) have MDTs 7. Evacuation procedures have been developed for hazmat incidents 8. EOC has been established 10. Mass casualty trailer has been established <p>Proposed Enhancement –</p> <ol style="list-style-type: none"> 1. Create a more consistent reporting and documentation effort following hazard events 2. Purchase additional equipment for team 3. Obtain a new mobile EOC and update equipment 4. Increase staff and update equipment. Offer additional trainings to keep certifications and abilities current 5. Determine additional needs and purchase as able 6. Increase MDTs available to volunteer departments and update equipment in older set-ups 7. Establish procedures to evacuate areas during floods and dam failures and notify populations in those areas 8. Inventory capabilities and prioritize needs to strengthen EOC, replace outdated equipment and materials 9. Determine countywide needs to strengthen capabilities for rural response efforts including ATVs and portable lights 1. Increase equipment and replace outdated materials in mass casualty trailer 	<p>High <i>(coordinate communications, technical rescue team, mobile EOC, HazMat needs, sandbagging supplies)</i></p> <p>Moderate <i>(MDTs, evacuations, EOC, rural response, mass casualty)</i></p>	
<p>Geographic Information Systems</p> <ol style="list-style-type: none"> 1. Train GIS staff in HAZUS-MH to quantitatively estimate losses in “what if scenarios” and continue to use the most recent GIS data in land use planning efforts 2. Provide first response agencies with training related to ALOHA and CAMEO mobile data <i>(2016 Measure)</i> 3. Develop and routinely update GIS layers with location and attributes of crucial facilities and known hazard areas available to individual municipalities and offices 	<input checked="" type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input checked="" type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Flood <input checked="" type="checkbox"/> Hail/Thunder/Wind <input checked="" type="checkbox"/> Landslide/Subsidence <input checked="" type="checkbox"/> Tornado <input checked="" type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam/Levee Failure <input checked="" type="checkbox"/> HazMat Incident <input checked="" type="checkbox"/> Terrorism	<p>Ongoing –</p> <p>Proposed Enhancements –</p> <ol style="list-style-type: none"> 1. Provide training opportunities for GIS staff related to HAZUS-MH. 2. Provide mapping and viewing capabilities to first responders 3. Update GIS layers routinely 	<p>High <i>(HAZUS)</i></p> <p>Moderate <i>(ALOHA)</i></p> <p>Low <i>(GIS layers)</i></p>	

MITIGATION PRACTICE	HAZARD ADDRESSED	STATUS	PRIORITY	2027 STATUS
<p>Transportation</p> <p>1. Investigate developing hazardous materials routes to utilize when I-70 is closed</p> <p>2. Complete transportation survey to determine typical types and quantities of chemicals being transported throughout Vigo County</p>	<input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Temperature <input type="checkbox"/> Fire <input type="checkbox"/> Flood <input type="checkbox"/> Hail/Thunder/Wind <input type="checkbox"/> Landslide/Subsidence <input type="checkbox"/> Tornado <input type="checkbox"/> Winter Storm/Ice <input type="checkbox"/> Dam/Levee Failure <input checked="" type="checkbox"/> HazMat Incident <input checked="" type="checkbox"/> Terrorism	<p>Ongoing –</p> <p>1. HazMat routes established for I-70</p> <p>2. Last completed in 2017</p> <p>Proposed Enhancement –</p> <p>1. Develop secondary routes for use when I-70 is closed due to accidents or construction</p> <p>2. Complete updated commodity flow study for Vigo County focusing on Interstates 70, US Routes, and rail lines</p>	<p>High <i>(I-70 back-up routes)</i></p> <p>Low <i>(transportation survey)</i></p>	
<p>Land Use Planning & Zoning</p> <p>1. Incorporate hazard information, risk assessment, and hazard mitigation practices into the Comprehensive Land Use Plan to better guide future growth and development</p>	<input checked="" type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input checked="" type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Flood <input checked="" type="checkbox"/> Hail/Thunder/Wind <input checked="" type="checkbox"/> Landslide/Subsidence <input checked="" type="checkbox"/> Tornado <input checked="" type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam/Levee Failure <input checked="" type="checkbox"/> HazMat Incident <input checked="" type="checkbox"/> Terrorism	<p>Ongoing –</p> <p>1. Basic information has been included within the current Terre Haute Vigo County Comprehensive Plan</p> <p>Proposed Enhancement –</p> <p>1. Update Comprehensive Plans and include information related to hazards, more definitively outline higher risk areas and those that should be avoided for future development</p>	<p>High</p>	
<p>Power Backup Generators</p> <p>1. Inventory, prioritize, and retrofit public facilities and/or critical facilities with appropriate wiring and electrical capabilities for utilizing a large generator for power back up <i>(2016 Measure)</i></p>	<input type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input checked="" type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Flood <input checked="" type="checkbox"/> Hail/Thunder/Wind <input checked="" type="checkbox"/> Landslide/Subsidence <input checked="" type="checkbox"/> Tornado <input checked="" type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam/Levee Failure <input checked="" type="checkbox"/> HazMat Incident <input checked="" type="checkbox"/> Terrorism	<p>Ongoing –</p> <p>1. Many critical facilities have generators or have added since the last plan</p> <p>Proposed Enhancements –</p> <p>1. Inventory generator capabilities and needs and prioritize within each community to determine needs for future purchases</p>	<p>High</p>	
<p>Building Protection</p> <p>1. Relocate, buyout, or floodproof existing non-critical facilities that are subject to repetitive flooding <i>(2016 Measure)</i></p> <p>2. Identify areas at a higher risk of land subsidence or landslide due to mining, geology, fluvial erosion, or soil liquefaction <i>(2016 Measure)</i></p> <p>3. Investigate the need for inertial shut-off valves in public facilities and industrial buildings with gas lines</p> <p><i>(Will assist with NFIP compliance)</i></p>	<input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Temperature <input type="checkbox"/> Fire <input checked="" type="checkbox"/> Flood <input type="checkbox"/> Hail/Thunder/Wind <input type="checkbox"/> Landslide/Subsidence <input type="checkbox"/> Tornado <input type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam/Levee Failure <input type="checkbox"/> HazMat Incident <input checked="" type="checkbox"/> Terrorism	<p>Ongoing –</p> <p>1. Buyouts have occurred in Toad Hop area</p> <p>2. Map layers exist for risk areas listed</p> <p>Proposed Enhancements –</p> <p>1. Develop a prioritized list of structures to be relocated, bought out, or floodproofed within each municipality</p> <p>2. Further investigate risks in the Otter Creek, Landings, and Lost Creek areas; previously mined areas</p> <p>3. Inventory and prioritize public and industrial facilities where inertial shut-off valves would be needed</p>	<p>Moderate <i>(Buyouts)</i></p> <p>Low <i>(relocate, land subsidence, inertial valves)</i></p>	

MITIGATION PRACTICE	HAZARD ADDRESSED	STATUS	PRIORITY	2027 STATUS
<p>Flood Studies and Protection</p> <ol style="list-style-type: none"> 1. Conduct detailed flood protection studies for problem areas and/or areas with repetitive flooding problems 2. Develop floodplain overlay district to further protect area from development while allowing passive uses 3. Update the Flood Plain Ordinance to prohibit new critical facilities from being built in the floodplain and adopt fluvial erosion hazard requirements. 4. Prepare a detailed Flood Response Plan to improve response and reduce losses from a flood event <p><i>(Will assist with NFIP compliance)</i></p>	<input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Temperature <input type="checkbox"/> Fire <input checked="" type="checkbox"/> Flood <input type="checkbox"/> Hail/Thunder/Wind <input type="checkbox"/> Landslide/Subsidence <input type="checkbox"/> Tornado <input type="checkbox"/> Winter Storm/Ice <input type="checkbox"/> Dam/Levee Failure <input type="checkbox"/> HazMat Incident <input type="checkbox"/> Terrorism	<p>Ongoing –</p> <ol style="list-style-type: none"> 1. Studies are completed as funding becomes available 3. Ordinance deters new critical facilities but allows variances <p>Proposed Enhancements –</p> <ol style="list-style-type: none"> 1. Prioritize listing of needed studies and continue to complete as funding becomes available focusing on areas around Otter Creek and Wabash River 2. Develop Floodplain overlay 3. Require new critical facilities to be located outside of known flood hazard areas only, including the 0.2% or 500-year flood zone. 4. Develop detailed plan for Terre Haute and implement recommendations as funding becomes available 	<p>Moderate <i>(flood studies, floodplain overlay, Flood Plain Ordinance)</i></p> <p>Low <i>(Flood Response Plan)</i></p>	
<p>Community Rating System</p> <ol style="list-style-type: none"> 1. Investigate potential to reduce flood insurance premiums through additional participation in the NFIP's CRS Program. <p><i>(Will assist with NFIP compliance)</i></p>	<input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Temperature <input type="checkbox"/> Fire <input checked="" type="checkbox"/> Flood <input type="checkbox"/> Hail/Thunder/Wind <input type="checkbox"/> Landslide/Subsidence <input type="checkbox"/> Tornado <input type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam/Levee Failure <input type="checkbox"/> HazMat Incident <input type="checkbox"/> Terrorism	<p>Ongoing –</p> <p>Proposed Enhancement –</p> <ol style="list-style-type: none"> 1. Participation from Vigo County, Terre Haute 	<p>Moderate</p>	
<p>Management of Dams and Levees</p> <ol style="list-style-type: none"> 1. Review regular inspection reports and maintenance records of dams regardless of ownership 2. Encourage High Hazard dam owners to develop IEAPs with inundation mapping <i>(2016 Measure)</i> 3. Encourage levee owners to complete accreditation process with USACE <i>(2016 Measure)</i> 	<input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Temperature <input type="checkbox"/> Fire <input type="checkbox"/> Flood <input type="checkbox"/> Hail/Thunder/Wind <input type="checkbox"/> Landslide/Subsidence <input type="checkbox"/> Tornado <input type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam/Levee Failure <input type="checkbox"/> HazMat Incident <input type="checkbox"/> Terrorism	<p>Ongoing –</p> <ol style="list-style-type: none"> 1. EMA does receive some reports and records 3. West Terre Haute Levee system is provisionally accredited <p>Proposed Enhancements –</p> <ol style="list-style-type: none"> 1. Provide inspection reports and maintenance records to the EMA Director for review and overall hazard assessment 2. Develop IEAPs for High Hazard dams throughout the county 3. Complete accreditation process for West Terre Haute Levee system and begin process for others 	<p>Moderate</p>	

MITIGATION PRACTICE	HAZARD ADDRESSED	STATUS	PRIORITY	2027 STATUS
<p>Safer Rooms and Community Shelters</p> <p>1. Develop temporary and/or long-term shelter agreements within the County. Potential for tiered levels of shelters, domestic animal shelters, etc. especially in small communities (<i>2016 Measure</i>)</p>	<input type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input checked="" type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Flood <input checked="" type="checkbox"/> Hail/Thunder/Wind <input type="checkbox"/> Landslide/Subsidence <input checked="" type="checkbox"/> Tornado <input checked="" type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam/Levee Failure <input checked="" type="checkbox"/> HazMat Incident <input checked="" type="checkbox"/> Terrorism	<p>Ongoing –</p> <p>1. Shelters locations are spaced throughout the county as available and as needed</p> <p>Proposed Enhancement –</p> <p>1. Continue to evaluate shelter locations and needs throughout the county</p>	Moderate	
<p>Water Conservation Ordinance</p> <p>1. Establish and adopt local water conservation ordinance and contingency plans to impose at time of water shortages</p>	<input checked="" type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Fire <input type="checkbox"/> Flood <input type="checkbox"/> Hail/Thunder/Wind <input type="checkbox"/> Landslide/Subsidence <input type="checkbox"/> Tornado <input type="checkbox"/> Winter Storm/Ice <input type="checkbox"/> Dam/Levee Failure <input type="checkbox"/> HazMat Incident <input type="checkbox"/> Terrorism	<p>Ongoing –</p> <p>Proposed Enhancement –</p> <p>1. Adopt ordinance for water conservation measures during drought events</p>	Low	