

# Appendices

## APPENDIX A REFERENCES

- American Meteorological Society, Freezing Rain Events in the United States
- Jackson County Conservation Board
- Jackson County Assessor's Office (Parcel Data in GIS Format)
- Jackson County Emergency Management Agency (EMA)
- Jackson County, Iowa Multi-Jurisdictional Hazard Mitigation Plan, 2019
- Climate Change Impacts on Iowa, January 1, 2011
- Climate Change Research Program. Cambridge University Press
- Data.gov, FEMA HMA Grants in Jackson County
- Environmental Protection Agency, Surf Your Watershed
- Federal Emergency Management Agency, BCA Reference Guide
- Federal Emergency Management Agency, Jackson County DFIRM and Preliminary DFIRM
- Federal Emergency Management Agency, Jackson County Flood Insurance Study
- Federal Emergency Management Agency, Community Status Book
- Federal Emergency Management Agency, Presidential Disaster Declarations
- Federal Emergency Management Agency, Taking Shelter from the Storm, 3rd Edition
- Flood Insurance Administration, Policy, and Loss Statistics
- Hazards US MH-2.2 (HAZUS)
- Hazards Vulnerability Research Institute, Social Vulnerability Index
- High Plains Regional Climate Center
- Iowa Department of Agriculture
- Iowa Department of Agriculture and Land Stewardship, Division of Soil Conservation
- Iowa Department of Education, Bureau of Planning, Research and Evaluation
- Iowa Department of Health Center for Acute Disease Epidemiology
- Iowa Department of Natural Resources, Animal Feeding Operations
- Iowa Department of Natural Resources, Dam Safety Program
- Iowa Department of Natural Resources, EPCRA Spill Reporting, <http://www.iowadnr.gov/InsideDNR/RegulatoryLand/EmergencyPlanningEPCRA/SpillReporting.aspx>
- Iowa Department of Natural Resources, NRGIS Library
- Iowa Department of Transportation's Office of Traffic and Safety
- Iowa Environmental Mesonet, climate data
- Iowa Hospital Association <http://www.iowahospitalcharges.com/wa> Hospital Association,
- Iowa State Hazard Mitigation Plan, 2023
- Iowa State University Department of Economics
- Iowa State University, Department of Agronomy, Environmental Mesonet
- Iowa State University, Extension Office, Distribution of Ash Trees in Iowa
- Iowa Utilities board, Electrical Service Area Reference Map
- Johns Hopkins University Electronic Mass Casualty Assessment and Planning Scenarios (EMCAPS) <http://www.hopkins-cepar.org/EMCAPS/EMCAPS.html>
- Karl, T.R., J.M. Melillo, and T.C. Peterson (eds). 2009. Global Climate Change Impacts in the United States. U.S. Global
- National Climatic Data Center
- National Oceanic and Atmospheric Administration, National Climatic Data Center

- National Oceanic and Atmospheric Administration, Storm Prediction Center
- National Severe Storms Laboratory
- National Weather Service
- Pipeline and Hazardous Materials Safety Administration, National Pipeline Mapping System, <https://www.npms.phmsa.dot.gov/PublicViewer/>
- SILVIS Lab, Department of Forest Ecology and Management, University of Wisconsin
- State Historical Society of Iowa, National Register of Historic Places Listings
- Tornado and Storm Research Organization (TORRO), Department of Geography, Oxford Brooks University
- U.S. Census Bureau, Decennial Census, 2010 and 2020
- U.S. Army Corps of Engineers, Cold Regions Research and Engineering Laboratory
- U.S. Census Bureau, American Community Survey, 5-Year Estimates, 2020
- U.S. Census Bureau, Building Permit Data
- U.S. Census Bureau, On the Map Tool
- U.S. Census Bureau, Population Estimates, 2022
- U.S. Department of Agriculture Cropland Data Layer (CropScape)
- U.S. Department of Agriculture, Emerald Ash Borer County Detection Map
- U.S. Department of Agriculture, Risk Management Agency Crop Insurance Statistics
- U.S. Department of Agriculture, Secretarial Disaster Declarations
- U.S. Department of Agriculture National Agricultural Statistics Service, 2017 Census of Agriculture
- U.S. Fish and Wildlife Service, Threatened and Endangered Species
- U.S. Geological Survey

## APPENDIX B: PLANNING PROCESS

The following materials are provided to document the planning process.

### B.1 Jackson County Hazard Mitigation Planning Committee (HMPC) Members

Jurisdiction/Stakeholder	Name	Title
Andrew	Roeder, Mike	Mayor
Andrew and Easton Valley Community School Districts	Fee, Chris	Superintendent
Baldwin	Browne, Carrie	City Clerk
Baldwin	Wogomon, John	Mayor
Bellevue	Clasen, Kent	Fire Chief
Bellevue	Weinschen, Teresa	City Clerk
Bellevue Community School District	Meyer, Tom	Superintendent
East Central Intergovernmental Association	Danielson, Dawn	Development Coordinator, Facilitator
Jackson County/Jackson County Region Medical Center	Beraneck, Paige	Emergency Preparedness Coordinator
Jackson County/Jackson County Economic Alliance	Brown, Kelley	Executive Director
Jackson County	Flagel, Nin	Supervisor
Jackson County	Medinger, Lyn	Emergency Management Coordinator
Jackson County	Schwenker, Don	Supervisor
Jackson County	Steines, Mike	Supervisor
Jackson County/Jackson County Public Health	Warren, Jennifer	Emergency Preparedness Coordinator
Jackson County	Eltrich, Ruth	Assistant Zoning Administrator
Jackson County	Kinney, Todd	Engineer
Jackson County	Kraker, Jim	Sheriff
Jackson County	Roling, Lori	Zoning Director
LaMotte	Kilburg, Joe	Water Testing
LaMotte	Wagner, Matt	Mayor
Maquoketa	Boldt, Josh	City Administrator
Maquoketa	Beck, Mark	Assistant Fire Chief
Maquoketa	Messerli, Tom	Mayor

Maquoketa	Muhlhausen, Carl	Assistant Fire Chief
Miles	Maze, Paul	Fire Chief
Miles	Portz, Mike	Fire Chief
Miles	Tebbe, Brenda	City Clerk
Monmouth	VonBehren, Stephanie	City Clerk
Preston	Ruchotzke, Landon	Fire Chief
Sabula	Parker, Lynn	City Clerk
Sabula	Woodhurst, Travis	Fire Chief
Spragueville	Bredenkamp, Caroline	Mayor
Springbrook	Sieverding, Kevin	Fire Chief
St. Donatus	Hilkin, Ron	Mayor

## B.2 Kick-off Meeting Minutes

### Jackson County Multi-jurisdictional Hazard Mitigation Plan Update Project Overview

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Kick Off Meeting Minutes  
December 29, 2023

**Attendees:** Dawn Danielson, ECIA & Lyn Medinger, Jackson County Emergency Management (EM) Coordinator

**Summary of Meeting:**

ECIA was selected to assist Jackson County with its Multi-jurisdictional Hazard Mitigation Plan Update for the county. The ECIA team consists of Dawn Danielson, Project Coordinator; Dan Fox, Planner, and Jack Studier, Planner.

Participating Jurisdictions include Andrew, Baldwin, Bellevue, LaMotte, Maquoketa, Miles, Monmouth, Preston, Sabula, St. Donatus, Spragueville, Springbrook, Andrew Public School District, Bellevue Public School District, Easton Valley Public School District, and Maquoketa Public School District. Cities within the county are required to participate in the planning process.

The ECIA team will coordinate with Jackson County EM Coordinator and each jurisdiction throughout the plan update process to engage participation of the jurisdiction in the planning process. Attendees had preliminary discussion regarding last plan update, process for new plan update including identifying GIS needs and resources, discussed hazards to be included in plan, and options for flood risk assessment methodology, events since last plan update, clarification of roles and responsibilities for the Hazard Mitigation Planning Team. Reviewed tentative timeline for updating plan. Identified key stakeholders for the planning process and strategies for public engagement throughout the planning process.

**Next Steps:**

Responsible Party	Action Item
ECIA	Prepare public survey and flyer
	Prepare agenda for first public meeting
	Invite key stakeholders to public meeting
	Prepare meeting agenda, presentation, and data collection worksheets for meeting
Jackson County EM Coordinator:	Determine locations, dates/times for public meeting
	Provide email list to ECIA for key stakeholders to invite to public meetings
	Issue Public Release

## B.3 Public Notice – Seeking Public Input

**Jackson County News Release**

**Contact: Lyn  
Medinger 563.542.3911**

### **Public Input Wanted as County Updates Multi-Hazard Mitigation Plan**

The Jackson County Emergency Management Office is working on updating the county's Multi-jurisdictional Hazard Mitigation Plan (HMP). The Federal Disaster Mitigation Act of 2000 (DMA 2000) requires that a plan be updated every five years to maintain eligibility for FEMA's Hazard Mitigation Assistance (HMA) grant programs. The plan covers Jackson County including the unincorporated areas, cities and school districts. The plan assesses the natural hazards that pose risk to the county, such as tornadoes, wind storms, ice storms, flooding and extreme temperatures and identifies ways to minimize the damage of future events. The plan will be updated by a planning team of representatives from county departments, local municipalities, school districts and other key stakeholders. As the county works to update the plan, it wants to hear from the public.

According to Lyn Medinger, Jackson County Emergency Management Coordinator, "Mitigation creates safer communities by reducing losses of life and property. Mitigation enables individuals and communities to recover more rapidly from disasters."

Examples of hazard mitigation actions include improvement of roads and culverts that experience repetitive flooding; construction of safe rooms at campgrounds, public parks, mobile home parks or schools to protect lives in the event of tornadoes or severe wind events; burying powerlines that may fail due to heavy snow, ice or wind storms; ensuring timely emergency communication to the public through warning sirens and mass notifications systems, and conducting public awareness and education campaigns to help people to be prepared to take safe action before, during or following a hazard event. Some mitigation activities may be eligible for FEMA Hazard Mitigation Assistance grant funding.

Jackson County is seeking feedback from residents and businesses to incorporate in the plan. To access the current HMP and the public survey visit the Jackson County Emergency Management website at <https://jacksoncounty.iowa.gov/emergency-management/>. Your input will help shape future hazard mitigation strategies. A draft of the updated plan will be posted for public review prior to submission to the State of Iowa.

## B.4 Hazard Mitigation Plan Survey – Request for Public Feedback



# Hazard Mitigation Plan Survey

Jackson County Emergency Management and its participating cities and school districts are conducting a survey as part of their multi-jurisdictional hazard mitigation plan update. The hazard mitigation plan is an important decision-making guide for community leaders. The purpose of the plan is to reduce or eliminate long-term risk to people and property from all types of hazards including flooding, drought, and severe storms.



### Take the Survey

Use the QR code or link below to take the survey.



<https://www.surveymonkey.com/r/3D53QT5>

### We need your input

Collecting input from members of the community is an important step in developing the hazard mitigation plan. Your input will help shape future hazard mitigation strategies.

Visit the Jackson County Emergency Management website for more information.

<https://jacksoncounty.iowa.gov/emergency-management/>



## B.5 Kick-off Meeting #1 Invitation

### **Dawn Danielson**

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**From:** Dawn Danielson  
**Sent:** Friday, January 12, 2024 5:18 PM  
**To:** travis.woodhurst@gmail.com; pbmaze1971@gmail.com; prestonfiredepartmentchief@gmail.com; Al Muhlhausen (cam4535@msn.com); Larry Bartels (bartlar@hotmail.com); 5633575538@email.uscc.net; kjsieverding@yahoo.com; Kent Clasen (kent.clasen@bellevueia.gov); Joe Kilburg (sporty@netins.net); Tom Meyer (tommyer@bellevue.k12.ia.us); Tara Notz (tnotz@maquoketaschools.org); Chris Fee (chris.fee@andrew.k12.ia.us); Erik Rockwell (erik.rockwell@sacredheartmaq.org); Geoffrey Kaiser (geoffreykaiser@marquettecatholic.com); Kelley Brown; cityofmonmoth@netins.net; wagners5@outlook.com; Brenda Tebbe (miles@netins.net); Josh Boldt (manager@maquoketaia.com); Caroline Bredecamp; Marie Rossmann; william.reistroffer@bellevueia.gov; Joyce Hancock; Tom Messerli; mayortom652@gmail.com; Brenda Tebbe (miles@netins.net); Teresa Weinschenk; teresa.weinschenk@bellevueia.gov; rjhikindmforge@msn.com; Julia Boop; jcbos@co.jackson.ia.us; Judy Carr; Carrie Browne; mayormikeroeder@gmail.com; Troy Hansen; Sabulaclerk@iowatelecom.net; prestonmayortylersieverding@gmail.com; cityofzwingle@gmail.com  
**Cc:** lmedinger@jacksoncounty.iowa.gov; dschwenker@jacksoncounty.iowa.gov; nflagel@jacksoncounty.iowa.gov; msteines@jacksoncounty.iowa.gov; tkinney@jacksoncounty.iowa.gov; etownsend@jacksoncounty.iowa.gov; bkilburq@jacksoncounty.iowa.gov; iowa40z@yahoo.com; Jennifer Walker  
**Subject:** Your invited...Jackson County Hazard Mitigation Plan Update Meeting - Jan 31  
**Attachments:** JCHMP\_Meeting 1 - Invitation.pdf; Agenda\_Meeting 1\_013124.pdf; Jackson HazMit Survey Flyer.pdf

Hello Jackson County Officials:

It is time to update the Jackson County 5-year Hazard Mitigation Plan (HMP). You will find attached an invitation to the first planning meeting and a meeting agenda along with a survey flyer.

For city clerks on this list please forward the email to your mayor, plant manager and anyone else you think would have valuable input on updating the countywide HMP.

Please note: The first Plan Update meeting will be January 31<sup>st</sup> at Maquoketa City Council Chambers at 6:30 p.m. (See attached invitation). Each jurisdiction and school district that is part of the Jackson County HMP must have a representative at the meeting. The survey flyer may be shared with others and posted in your city hall, library, post office, website or any other public place. Please complete the survey by February 7<sup>th</sup> (Survey Link: <https://www.surveymonkey.com/r/3D53QT5>).

Please respond to this email to RSVP for the January 31<sup>st</sup> meeting with who will be attending as representative for your jurisdiction. At least one individual **MUST** attend for each jurisdiction.

Any questions let me know. Otherwise I look forward to seeing you on January 31<sup>st</sup>.

Dawn Danielson | Development Coordinator

Brownfields Project Manager

East Central Intergovernmental Association | 7600 Commerce Park, Dubuque, IA 52002

C 563.580.1976 | F 563.556.0348 |

## B.6 Meeting #1 Agenda

**Jackson County  
Hazard Mitigation Plan Update  
Planning Meeting #1 - Agenda  
Wednesday, January 31, 2024 – 6:30 p.m.**

**Maquoketa City Council Chambers  
201 E Pleasant St  
Maquoketa, IA 52060**

**Web link:** <https://us06web.zoom.us/j/82613943705?pwd=M94XVZ9ITp3jCgovL3bvm2L7FvLXNc.1>

Meeting ID: 826 1394 3705

Passcode: 677502

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1. Introductions
2. Hazard Mitigation Planning Overview/Purpose
3. Hazard Mitigation Funding
4. Multi-Jurisdictional Approach
5. Planning/Participation Requirements
6. Public Involvement
7. Update Hazards/Survey Monkey
8. Wrap up and discuss deadlines and assignments
  - a. Next Steps
  
- VII. Adjourn

For more information on plan update process contact ECIA: Dawn Danielson at [ddanielson@ecia.org](mailto:ddanielson@ecia.org) or 563.580.1976

## B.7 Meeting #1 – Presentation

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# Jackson County Multi-Jurisdictional Hazard Mitigation Plan Update 2025-2030

**Web link:** <https://us06web.zoom.us/j/82613943705?pwd=M94XVZ9ITp3jCgoyL3bvm2L7FvLXNc.1>

Meeting ID: 826 1394 3705

Passcode: 677502



Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Kick-Off Meeting - January 31, 2024



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## Introductions

### **Local Contact**

Jackson County  
Lyn Medinger, Emergency Management

### **Consultant**

East Central Intergovernmental Association (ECIA)  
Dawn Danielson, Economic Development/Project Coordinator

Dan Fox, Sr. Planner

Jack Studier, Planner

Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Kick-Off Meeting - January 31, 2024



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# Agenda

1. Introductions
2. Hazard Mitigation Planning Overview/Purpose
3. Hazard Mitigation Funding
4. Multi-Jurisdictional Approach
5. Planning/Participation Requirements
6. Public Involvement
7. Update Hazards/Survey Monkey
8. Wrap Up, Deadlines and assignments
  - a) Next Steps
9. Adjourn

Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Kick-Off Meeting - January 31, 2024



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# Hazard Mitigation Planning Overview/Purpose

- Jackson County Multi-Jurisdictional Hazard Mitigation Plan developed and initially approved February 2013, last update approved January 2019
  - Identifies how a **whole** community can minimize the negative impacts of natural caused hazards.
  - Review of existing plan content:
    1. Goals
    2. Hazard analysis and risk assessment
    3. Critical facilities and vulnerable populations
    4. Mitigation strategies and action plans

**ACTION:** Adopt and Implement Updated Plan



Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Kick-Off Meeting - January 31, 2024



# Hazard Mitigation Planning Overview/Purpose

- Must be updated at minimum every 5 years to maintain funding eligibility for FEMA Hazard Mitigation Assistance (HMA)
- When disaster does occur, the community suffers less damage and recovers more quickly as a result of coordinating and collaborating between city, public agencies, local businesses, citizens and other key stakeholders

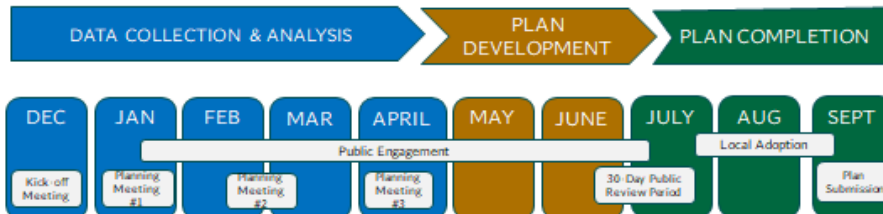
Build **Safe** and **Resilient** Community = ability to prepare for anticipated hazards; adapt to changing conditions and withstand and recover rapidly from disruptions



Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Kick-Off Meeting - January 31, 2024



# Planning Timeline



Current HMP expires 1/8/2025

Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Kick-Off Meeting - January 31, 2024



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## Hazard Mitigation Funding

A Jurisdiction **must** have an approved hazard mitigation plan to maintain local government eligibility to apply to FEMA for

- Hazard Mitigation Assistance (HMA):
  - Pre-Disaster Grants:
    - Building Resilient Infrastructure and Communities (BRIC)
    - Flood Mitigation Assistance Program (FMA)
  - Post Disaster Grant:
    - Hazard Mitigation Grant Program (HMGP)
- High Hazard Potential Dam (HHPD) Programs

Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Kick-Off Meeting - January 31, 2024



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## Multi-Jurisdictional Approach

- Improve communication and coordination throughout county
- Face similar threats and hazards
- Enables comprehensive and regional mitigation approaches
- Avoids duplication of effort
- Share cost and capabilities



Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Kick-Off Meeting - January 31, 2024



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## Planning/Participation Requirements

- Each jurisdiction **MUST** have at least one representative on the planning team (if participate in NFIP for CRS **MUST** have two representatives)
- Representative – will coordinate and delegate tasks for their jurisdiction for the plan
- **Must** provide local information and **MUST** review draft plan and provide comments
  - Identify hazards for jurisdiction and address specific vulnerabilities
  - Discuss participation in NFIP and identified repetitive loss properties
  - Develop mitigation action items to address hazards and identify capabilities to support mitigation strategy
  - Indicate how will incorporate HMP into other plans
  - Describe changes in development since last plan and how impacted vulnerability
  - Provide status of all previous mitigation actions
  - Formally adopt plan

Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Kick-Off Meeting - January 31, 2024



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## Public Involvement

Public must have the opportunity to participate in the plan and comment on it.

- Public Meetings
- Post/Share Flyer for Updating Hazards/Survey Monkey
- News release
- Social Media Post
- Website

Document outreach **EFFORTS**

Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Kick-Off Meeting - January 31, 2024



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# Wrap Up, Deadlines and Assignments

**Next Steps – Participants:**

- Invite others to participate
  - Post news release
  - Share survey flyer - open until February 10<sup>th</sup>
- Complete as a jurisdiction - data collection worksheets
  - Return worksheets – 1 per jurisdiction (electronically) by February 10<sup>th</sup>

**Next Meeting:**

Bellevue City Hall – at 6:30 p.m. Wednesday, February 28, 2024

**Agenda:**

Review Survey Results

Goal setting

Review status of Mitigation Actions listed in 2019 plan

Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Kick-Off Meeting - January 31, 2024





## B.8 Meeting #1 Minutes

### Jackson County Multi-jurisdictional Hazard Mitigation Plan Update Project Overview

Meeting #1 Minutes  
January 31, 2024

This document is a record of attendance and summary of material discussed at the Jackson County Multi-jurisdictional Hazard Mitigation Planning meeting #1.

#### Attendees:

Jurisdiction	Name	Title/Agency
Jackson County	Paige Beranek	Emergency Preparedness Coordinator/Jackson County Regional Health Center
Jackson County	Kelley Brown	Executive Director/Jackson County Economic Alliance
Jackson County	Ruth Eltrich	Assistant Zoning Administrator
Jackson County	Todd Kinney	Engineer/Jackson County
Jackson County	Nin Flagel	Supervisor/Jackson County-Board of Supervisors
Jackson County	Lyn Medinger	Jackson County Emergency Management Coordinator
Jackson County	Jim Kraker	Sheriff/Jackson County
Jackson County	Lori Roling	Zoning Director/Jackson County
Jackson County	Don Schwenker	Supervisor/Jackson County-Board of Supervisors
Jackson County	Mike Steines	Supervisor/Jackson County-Board of Supervisors
Jackson County	Jennifer Warren	Jackson County Public Health
Andrew	Mike Roeder	Mayor, City of Andrew
Baldwin	Carrie Browne	City Clerk, City of Baldwin
Baldwin	John Wogomon	Mayor, City of Baldwin
Bellevue	Kent Clasen	Chief, Bellevue Fire Department
LaMotte	Matt Wagner	Mayor, City of LaMotte
LaMotte	Joe Kilburg	Water Testing, City of LaMotte
Maquoketa	Tom Messerli	Mayor, City of Maquoketa
Maquoketa	Mark Beck	Assistant Chief, Maquoketa Fire Department
Maquoketa	Carl Muhlhausen	Assistant Chief, Maquoketa Fire Department
Maquoketa	Josh Boldt	City Administrator, City of Maquoketa
Miles	Paul Maze	Chief, Miles Fire Department
Miles	Mike Portz	Miles Fire Department
Monmouth	Stephanie VonBehren	City Clerk, City of Monmouth
Preston & Spragueville	Caroline Bredekamp	Library Director, City of Preston & Mayor of Spragueville
Preston & Spragueville	Landon Ruchotzke	Chief, Preston Fire Department & City Council Member for City of Spragueville
Sabula	Travis Woodhurst	Chief, Sabula Fire Department
St. Donatus	Ron Hilkin	Mayor, City of St. Donatus

Springbrook	Kevin Sieverding	Chief, Springbrook Fire Department
Zwingle	Tim Stierman	City Council, City of Zwingle
Andrew Public School District & Easton Valley School District	Chris Fee	Superintendent, Andrew School District & Easton Valley School District
Plan Consultant; Facilitator	Dawn Danielson	Development Coordinator, ECIA

**Summary of Meeting:**

The meeting began with an introduction of the hazard planning committee members and attendees. Lyn Medinger kicked off the meeting with introductions. Dawn Danielson, ECIA project facilitator, presented a power point presentation outlining the agenda for the meeting. The presentation included an overview of the hazard mitigation planning process and purpose along with discussion of federal grant programs linked to an approved plan and the benefits of a multi-jurisdictional approach; importance of public involvement and engaging the whole community in the planning process and types of outreach that were being utilized for the plan update; and review and distribution of data collection worksheets to capture updates and changes in jurisdiction capacity since the last plan update. Participant responsibilities and expectations were discussed. Survey was distributed via email to all participating jurisdictions and to the public prior to the meeting and discussed as tool to reach the whole community. The survey was made available on ECIA and the Jackson County Emergency management websites and by jurisdictions. The survey remained open until February 23, 2024. The importance of integrating the Hazard Mitigation Plan with other plans, policies, ordinances within the jurisdiction to build a resilient and safe community was discussed. The meeting concluded with a discussion of next steps and timeline for the planning process.

The meeting was held in person at the Maquoketa City Council Chambers located at 201 E Pleasant St, Maquoketa, IA 52060 and offered via zoom for those who were unable to attend in person. Representatives from each of the jurisdictions participated in the meeting. A total of 32 attendees participated in the meeting.

**Next Steps:**

Responsible Party	Action Item
<b>ECIA:</b>	Distribute meeting minutes
	Prepare agenda for second public meeting
	Invite key stakeholders to public meeting
	Prepare data collection worksheets for meeting
<b>Participants:</b>	Circulate survey and press release regarding plan update
	Complete data collection set – one set per jurisdiction
	Forward jpg photo files to ECIA for use in the plan featuring prior hazard events and/or mitigation implementation

Next meeting will be at the Bellevue City Hall located at 106 N Third St, Bellevue IA at 6:30 p.m. on Wednesday, February 28, 2024. The meeting will be an in-person workshop. Meeting content to include review of hazard survey results along with a review of status of the goals and mitigations listed in current plan. Participants will be asked to update goals and mitigations within the plan and strategize on new mitigations.

## B.9 Meeting #1 Sign-In Sheets



Jackson County Multijurisdictional Hazard Mitigation Plan - Meeting #1  
Maquoketa, IA January 31, 2024, 6:30 p.m.



Name	Title/Agency	Jurisdiction	Address	Phone	Email	Signature
Dawn Danielson	Development Coordinator, ECIA	Plan Consultant; Regional Planner	7600 Commerce Park, Dubuque, IA 52002	563.580.1976	<a href="mailto:ddanielson@ecia.org">ddanielson@ecia.org</a>	<i>[Handwritten Signature]</i>
Lyn Medinger	Jackson County Emergency Management Coordinator	Jackson County	201 W Platt St, Maquoketa, IA 52060	563.542.3911	<a href="mailto:lmedinger@jacksoncounty.iowa.gov">lmedinger@jacksoncounty.iowa.gov</a>	<i>[Handwritten Signature]</i>
Kelley Brown	Executive Director, Jackson County Economic Alliance	Jackson County	120 1/2 S Main St, Maquoketa, IA 52060	563.652.4549	<a href="mailto:kelleybrown@theicea.org">kelleybrown@theicea.org</a>	<i>[Handwritten Signature]</i>
Todd Kinney	Engineer, Jackson County	Jackson County	201 W Platt St, Maquoketa, IA 52060	563.244.0564	<a href="mailto:tkinney@clintoncounty-ia.gov">tkinney@clintoncounty-ia.gov</a>	<i>[Handwritten Signature]</i>
Carrie Browne	City Clerk, City of Baldwin	Baldwin	Baldwin, IA	563.673.3471	<a href="mailto:cityofbaldwin@outlook.com">cityofbaldwin@outlook.com</a>	<i>virtual</i>
John Wogomon	Mayor, City of Baldwin	Baldwin	Baldwin, IA	563.673.3471	<a href="mailto:johnwogomon50@gmail.com">johnwogomon50@gmail.com</a>	<i>[Handwritten Signature]</i>
Kent Clasen	Chief, Bellevue Fire Department	Bellevue	106 N Third St, Bellevue IA 52031	563.872.4456	<a href="mailto:bfdchief@iwanet.com">bfdchief@iwanet.com</a>	<i>virtual</i>
Matt Wagner	Mayor, City of LaMotte	LaMotte	300 Union St, LaMotte IA	563.773.8285	<a href="mailto:wagners5@outlook.com">wagners5@outlook.com</a>	<i>[Handwritten Signature]</i>
Joe Kilburg	Water Testing, City of LaMotte	LaMotte	300 Union St, LaMotte IA	563.357.8832	<a href="mailto:sporty@netins.net">sporty@netins.net</a>	<i>[Handwritten Signature]</i>
Tom Messerli	Mayor, City of Maquoketa	Maquoketa	201 W Platt St, Maquoketa, IA 52060	563.652.3365	<a href="mailto:mavortom652@gmail.com">mavortom652@gmail.com</a>	<i>[Handwritten Signature]</i>
Mark Beck	Assistant Chief, Maquoketa Fire Department	Maquoketa	106 S Niagara St, Maquoketa	563.652.8154	<a href="mailto:marken408@gmail.com">marken408@gmail.com</a>	<i>[Handwritten Signature]</i>
Carl Muhlihausen	Assistant Chief, Maquoketa Fire Department	Maquoketa	106 S Niagara St, Maquoketa	563.652.8154		<i>virtual</i>
Josh Boldt	City Administrator, City of Maquoketa	Maquoketa	201 W Platt St, Maquoketa, IA 52060	563.652.3365	<a href="mailto:manager@maquoketaia.com">manager@maquoketaia.com</a>	<i>[Handwritten Signature]</i>



Jackson County Multijurisdictional Hazard Mitigation Plan - Meeting #1  
Maquoketa, IA January 31, 2024, 6:30 p.m.



Name	Title/Agency	Jurisdiction	Address	Phone	Email	Signature
Paul Maze	Chief, Miles Fire Department	Miles	28 Orson St, Miles IA 52064	563.682.7889	<a href="mailto:pbmaze1971@gmail.com">pbmaze1971@gmail.com</a>	<i>Paul Maze</i>
Stephanie VonBehren	City Clerk, City of Monmouth	Monmouth	501 N Division, Monmouth IA 52309	319.480.9223	<a href="mailto:cityofmonmouth@netins.net">cityofmonmouth@netins.net</a>	<i>Virtual</i>
Caroline Bredekamp	Library Director, City of Preston & Mayor of Spragueville	Preston & Spragueville	1 W Gillet, Preston IA 52069; 127 E Main St, Spragueville IA 52074	563.689.3581	<a href="mailto:caroline.bredekamp@yahoo.com">caroline.bredekamp@yahoo.com</a>	<i>Caroline M Bredekamp</i>
Landon Ruchotzke	Chief, Preston Fire Department & City Council Member for City of Spragueville	Preston & Spragueville	14 N Mitchell St, Preston IA 52069; 127 E Main St, Spragueville, IA 52074	563-212-1977	<a href="mailto:prestonfiredepartmentchief@gmail.com">prestonfiredepartmentchief@gmail.com</a>	<i>Landon Ruchotzke</i>
Travis Woodhurst	Chief, Sabula Fire Department	Sabula	201 Vulcan St, Sabula IA 52070	563.686.2432; 563.219.2632	<a href="mailto:sabulafd@gmail.com">sabulafd@gmail.com</a>	<i>Virtual</i>
Ron Hilkin	Mayor, City of St. Donatus	St. Donatus	203 W 1st Street, St. Donatus IA 52071	563.590.0954	<a href="mailto:rhilkindmforge@msn.com">rhilkindmforge@msn.com</a>	<i>Virtual</i>
Kevin Sieverding	Chief, Springbrook Fire Department	Springbrook	101 E Main St, Springbrook IA 52075	563.872.4941 or 563.542.0545	<a href="mailto:ksieverding@yahoo.com">ksieverding@yahoo.com</a>	<i>Kevin Sieverding</i>
Tim Stierman	City Council, City of Zwingle	Zwingle	28461 194th Ave, Zwingle IA 52079	563.879.3566	<a href="mailto:timstiers64@gmail.com">timstiers64@gmail.com</a>	<i>Virtual</i>
Chris Fee	Superintendent, Andrew School District	Andrew Public School District	13 S Marion St, Andrew IA 52030	563.672.3221	<a href="mailto:chris.fee@andrew.k12.ia.us">chris.fee@andrew.k12.ia.us</a>	<i>Virtual</i>
	Superintendent, Easton Valley School District	Easton Valley Public School District	321 W School St, Preston IA 52069	563.689.4221	<a href="mailto:chris.fee@eastonvalleycsd.com">chris.fee@eastonvalleycsd.com</a>	



Jackson County Multijurisdictional Hazard Mitigation Plan - Meeting #1  
Maquoketa, IA January 31, 2024, 6:30 p.m.



Name	Title/Agency	Jurisdiction	Address	Phone	Email	Signature
Mike Rueder	City of Andrew	Andrew	Andrew Ia	563 542 5400		<i>Mike Rueder</i>
Loni Roting	Jackson County	Zoning Director			<a href="mailto:lrotting@jacksoncounty.ia.us">lrotting@jacksoncounty.ia.us</a>	<i>Loni Roting</i>
Mike Portz	Miles Fire Dept.	Miles	6524 Lincoln St Miles IA		<a href="mailto:mportz@netins.net">mportz@netins.net</a>	<i>Mike Portz</i>



Jackson County Multijurisdictional Hazard Mitigation Plan - Meeting #1  
 Maquoketa, IA January 31, 2024, 6:30 p.m.



Name	Title/Agency	Jurisdiction	Address	Phone	Email	Signature
		Maquoketa Public School District	612 S Vermont St, Maquoketa IA 52060	563.652.4984	<a href="mailto:tnotz@maquoketaschools.org">tnotz@maquoketaschools.org</a>	
Jennifer Walker	Director of Special Programs/ECIA	ECIA-regional	7600 Commerce Park, Dubuque, IA 52002	563.581.2852	<a href="mailto:jwalker@ecia.org">jwalker@ecia.org</a>	
Tom Berger	Dubuque County Emergency Management Coordinator	Dubuque County	14928 Public Safety Way Dubuque IA 52002	563.589.4170	<a href="mailto:Tom.Berger@DBQCOEMA.COM">Tom.Berger@DBQCOEMA.COM</a>	
Mike Steines	Supervisor, Jackson County-Board of Supervisors	Jackson County	201 W Platt St, Maquoketa, IA 52060	563.349.8289	<a href="mailto:msteines@jacksoncounty.iowa.gov">msteines@jacksoncounty.iowa.gov</a>	
Don Schwenker	Supervisor, Jackson County-Board of Supervisors	Jackson County	201 W Platt St, Maquoketa, IA 52060	563.349.8289	<a href="mailto:dschwenker@jacksoncounty.iowa.gov">dschwenker@jacksoncounty.iowa.gov</a>	
Nin Flagei	Supervisor, Jackson County-Board of Supervisors	Jackson County	201 W Platt St, Maquoketa, IA 52060	563.349.8289	<a href="mailto:nflagei@jacksoncounty.iowa.gov">nflagei@jacksoncounty.iowa.gov</a>	
Elizabeth Townsend	Jackson County Environmental Health	Jackson County	201 W Platt St, Maquoketa, IA 52060	563.652.1729	<a href="mailto:etownsend@jacksoncounty.iowa.gov">etownsend@jacksoncounty.iowa.gov</a> <a href="mailto:beraneke@genesishealth.com">beraneke@genesishealth.com</a>	
Paige Beranek	Emergency Preparedness Coordinator/ Jackson County Regional Health	Jackson County	601 Hospital Dr, Maquoketa IA 52060	563.652.4044		virtual
Jennifer Warren	Jackson County Public Health	Jackson County	Maquoketa		<a href="mailto:warrenjen@genesishealth.com">warrenjen@genesishealth.com</a>	virtual
Ruth Eltrich	Assistant County Administrator	Jackson County	201 W Platt St Maquoketa		<a href="mailto:reltrich@jacksoncounty.iowa.gov">reltrich@jacksoncounty.iowa.gov</a>	virtual
Jim Kraker	Jackson Co Sheriff	Jackson				virtual

## B.10 Meeting #2 Invitation

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### **Dawn Danielson**

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**Subject:** Jackson County HMP Update Meeting #2  
**Location:** Bellevue City Hall

**Start:** Wed 2/28/2024 6:30 PM  
**End:** Wed 2/28/2024 8:30 PM  
**Show Time As:** Tentative

**Recurrence:** (none)

**Meeting Status:** Not yet responded

**Organizer:** Dawn Danielson  
**Required Attendees:** travis.woodhurst@gmail.com; pbmaze1971@gmail.com; prestonfiredepartmentchief@gmail.com; prestonmayortylersieverding@gmail.com; cam4535@msn.com; bartlar@hotmail.com; 5633575538@email.uscc.net; kjsieverding@yahoo.com; kent.clasen@bellevueia.gov; sporty@netins.net; Tom Messerli; tommeyer@bellevue.k12.ia.us; tnotz@maquoketaschools.org; chris.fee@andrew.k12.ia.us; dschwenker@jacksoncounty.iowa.gov; nflagel@jacksoncounty.iowa.gov; msteines@jacksoncounty.iowa.gov; tkinney@jacksoncounty.iowa.gov; etownsend@jacksoncounty.iowa.gov; bkilburg@jacksoncounty.iowa.gov; iowa40z@yahoo.com; rjhilkintdmforge@msn.com; erik.rockwell@sacredheartmaq.org; Kelley Brown; wagners5@outlook.com; Brenda Tebbe (miles@netins.net); Josh Boldt (manager@maquoketaia.com); Caroline Bredecamp; Marie Rossmann; Teresa Weinschenk; teresa.weinschenk@bellevueia.gov; Julia Boop; jcbos@co.jackson.ia.us; Carrie Browne; mayormikeroeder@gmail.com; Troy Hansen; Matt Wagner; 'Frank Ellenz'; Lynn Parker; chris.fee@eastonvalleycsd.com; andrew@netins.net; william.reistroffer@bellevueia.gov; Jennifer Messerich; Stephanie VonBehren; Paige Beranek; warrenjen@genesishhealth.com; johnwogomon50@gmail.com; mportz@netins.net; Joyce Hancock; Iroling@jacksoncounty.iowa.gov; lmedinger@jacksoncounty.iowa.gov; loras.herrig@bellevue.ia.gov

**Optional Attendees:** Jennifer Walker; cityofzwingle@gmail.com; Tom.Berger@DBQCOEMA.COM; geoffreykaiser@marquettcatholic.com; jack.stinogel@iowa.gov

**Importance:** High

Hi all,

Please **RSVP** to the Jackson County HMP Update Meeting #2 (Agenda attached) to be held at the Bellevue City Hall located at 106 N Third St. This will be a work session for each jurisdiction to work on the status of mitigations in current plan, updates to plan goals and additions/changes to mitigations.

Worksheets will be emailed **prior** to meeting #2 so if it works best to bring your laptop along to complete the worksheets please feel free to do that.

Quick Links:

2013 FEMA Mitigation Ideas Book: [https://www.fema.gov/sites/default/files/2020-06/fema-mitigation-ideas\\_02-13-2013.pdf](https://www.fema.gov/sites/default/files/2020-06/fema-mitigation-ideas_02-13-2013.pdf)

2019 Jackson County Multi-jurisdictional HMP: <https://jacksoncounty.iowa.gov/emergency-management/>

2023 FEMA Local Mitigation Planning Policy Guide: <http://tiny.cc/policyguide> and handbook: <http://tiny.cc/FEMAhandbook>

Any questions let me know. I look forward to seeing you on February 28th.

Dawn Danielson | Development Coordinator  
Brownfields Project Manager  
East Central Intergovernmental Association | 7600 Commerce Park, Dubuque, IA 52002  
C 563.580.1976 | F 563.556.0348 |



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## B.11 Meeting #2 Agenda

**Jackson County  
Hazard Mitigation Plan Update  
Planning Meeting #2 - Agenda  
Wednesday, February 28, 2024 – 6:30 p.m.**

**Bellevue City Hall  
106 N Third St, Bellevue IA 52031  
In-Person Work Session**

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1. Introductions
2. Review Risk Assessment Survey results and confirm
3. Review Data worksheets required for each jurisdiction
4. Discuss and update goals
5. Jurisdiction: Review and update status of Mitigation Actions listed in current (2019) HMP Update. Worksheets will be provided prior to meeting for review by each jurisdiction.
6. Wrap up and discuss deadlines and assignments
7. Adjourn



## B.12 Meeting #2 Presentation

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# Jackson County Multi-Jurisdictional Hazard Mitigation Plan Update 2025-2030 Meeting #2

**Web link:** <https://us06web.zoom.us/j/82252168026?pwd=A6AjlhNzFFYHbU7ANyjiBDoFpOIhK2.1>

Meeting ID: 822 5216 8026

Passcode: 908074



Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Meeting #2 – February 28, 2024



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## Introductions

### **Local Contact**

Jackson County  
Lyn Medinger, Emergency Management

### **Consultant**

East Central Intergovernmental Association (ECIA)  
Dawn Danielson, Development/Project Coordinator

Dan Fox, Sr. Planner

Jack Studier, Planner

Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Meeting #2 – February 28, 2024



# Agenda

1. Introductions
2. Timeline Recap
3. Review Risk Assessments & Survey results and confirm
4. Discuss and update goals
5. Jurisdiction: Review and update status of Mitigation Actions listed in current (2019) HMP Update Plan.
6. WrapUp, Deadlines and assignments
7. Adjourn

Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Meeting #2 – February 28, 2024



# Planning Timeline



Current HMP expires 1/8/2025

Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Meeting #2 – February 28, 2024



# Hazard – Risk Assessment Survey Results

	Probability	Magnitude	Warning	Time Duration	CFR	Planning Significance	2019 Plan Results
Animal/Farm/Crop Disease	2	2	1	1	4	2.05 Moderate	2.05 Moderate
Dam/Levee Failure	2	2	2	2	4	2.2 Moderate	3.10 High
Drought	3	2	1	4	4	2.5 Moderate	3.25 High
Expansive Soils	2	1	1	2	2	1.95 Low	n/a
Extreme Heat	3	2	1	3	3	2.4 Moderate	2.85 Moderate
Flash Flood	2	2	3	2	2	2.15 Moderate	2.50 Moderate
Grass/Wildland Fire	2	2	4	2	2	2.3 Moderate	n/a
Hazardous Materials	2	2	4	2	2	2.3 Moderate	2.80 Moderate
Human Disease	2	2	1	4	4	2.05 Moderate	2.50 Moderate
Infrastructure Failure	2	2	3	3	3	2.25 Moderate	3.30 High
Landslide	1	1	3	2	2	1.4 Low	n/a
Ecological Incident	1	1	3	3	3	1.5 Low	2.05 Moderate
River Flooding	3	2	2	3	3	2.55 Moderate	3.25 High
Severe Winter Storm	3	2	1	3	3	2.4 Moderate	3.25 High
Sinkholes	1	1	3	2	2	1.4 Low	1.45 Low
Terrorism	1	1	4	4	4	1.75 Low	2.05 Moderate
Thunderstorm/Lightning/Hail	4	2	2	2	2	2.9 Moderate	2.90 Moderate
Tornado/Windstorm	3	3	3	4	4	3.1 High	3.10 High
Transportation Incident	2	2	4	2	2	2.3 Moderate	3.70 High



Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Meeting #2 – February 28, 2024



# National & Iowa HMP Goals

	2023 National Mitigation Plan	2023 Iowa Hazard Mitigation Plan
Goal 1:	<b>Show How Mitigation Investments Reduce Risk.</b> The whole community will build a shared understanding of mitigation investment and its value.	Through comprehensive and collaborative planning and analysis, develop processes and regulations that reduce hazard risks, and provide resources to local jurisdictions so they can develop and update plans and regulations to mitigate hazard impacts.
Goal 2:	<b>Coordinate Mitigation Investments to Reduce Risk.</b> The whole community will coordinate mitigation investments through shared risk information, reinforced strategies, for risk reduction, and easier access to existing funding.	Construct new or improved structures and infrastructure, including natural infrastructure, and employ practices that reduce hazard risks while also preserving or restoring the functions of natural systems.
Goal 3:	<b>Make Mitigation Investment Standard Practice.</b> The whole community will factor mitigation into investment decisions, especially for buildings and infrastructure.	Expand public awareness and intergovernmental communication so that Iowa citizens and communities have knowledge to mitigate hazard impacts and become more resilient.
Goal 4:		Through planning, improved warning systems, and redundancy increase capabilities to ensure government operations, response and recovery are not significantly disrupted by disaster events.

Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Meeting #2 – February 28, 2024



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## Review Jackson County - 2019 HMP Goals

Goal 1: Protect the health, safety, and quality of life for Jackson County citizens while reducing or eliminating property losses, economic costs, and damage to the natural environment caused by a disaster.

Goal 2: Ensure government operations, response and recovery in Jackson County are not significantly disrupted by disasters.

Goal 3: Expand public awareness and encourage intergovernmental cooperation, coordination, and communication in Jackson County to build a more resilient community against all hazards.

Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
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## Mitigation Actions

Hazard mitigation is the cornerstone of emergency management.

- Preparedness – preparing to handle an emergency
  - Includes planning, training, and educational activities **before** event happens
- Response – responding safely to an emergency **after** event happens
  - Occurs in the immediate aftermath of a disaster
- Recovery – recovering from an emergency **after** event happens
  - Restoration efforts occur concurrently with regular operations and activities
- Mitigation – preventing future emergencies or minimizing their effects
  - Includes actions taken to prevent or reduce the cause, impact, and consequences of disasters

**Effective Mitigation** reduces or even eliminates the need for Response.



Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Meeting #2 – February 28, 2024



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## Mitigation Actions

- All actions should be **SMART**
  - Specific
  - Measurable
  - Achievable
  - Relevant
  - Time Bound
- Each jurisdiction **MUST** have at least one mitigation action identified
  - Each jurisdiction **MUST** evaluate mitigations for own community
- Be specific as much as possible & include specific location for action to occur (i.e. culvert enlargement, low water crossing elevation, elevate electric components, buyout in specific neighborhood, safe room at specific school(s))
- Avoid beginning mitigation action with “encourage”, “ensure” or “continue/maintain” as these are **NOT** specific actions, nor can progress be measured – Reformulate statement so measurable action

Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Meeting #2 – February 28, 2024



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## Mitigation Actions

- Review 2019 Mitigation Action Projects
  - What's the status of project? (Provide status update)
    - **Completed** – provide date completed and funding amount if applicable
    - **Cancelled** – Mitigation action is no longer relevant and should be removed; provide reason for deleting
    - **In-Progress** – Mitigation action started not yet completed, provide details on progress made to date
    - **Not Started** – Mitigation action not started, provide details on any plans made to initiate action
  - Discuss with other representatives from your jurisdiction
- Be careful to distinguish between response actions (actions after an event) and **mitigation** actions (actions before an event that reduce or eliminate need for response)

Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Meeting #2 – February 28, 2024



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# Mitigation Actions

- Identify **New** Mitigation Action Projects
  - Add new mitigation action not previously identified
  - Identify source(s) of funding for project – must be specific
  - Aim for 1 project per hazard identified
  - FEMA Resources: Local Mitigation Planning Handbook and Mitigation Ideas

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Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Meeting #2 – February 28, 2024



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# Mitigation Actions

- Breakout Session
  - Breakout into groups by jurisdiction
  - Update Status of Current Plan Mitigations
  - Add **NEW** Mitigations
  - Complete Mitigation Action Plan worksheets –1 per jurisdiction
  - Any Questions ??

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Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Meeting #2 – February 28, 2024



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## Wrap Up, Deadlines and Assignments

### Next Steps – Participants:

- Invite others to participate
- Send photos for plan to ECIA
- Complete as a jurisdiction - Mitigation Action worksheets  
Return mitigation worksheets\* by **March 20**  
\*1 packet per jurisdiction (electronically)



### Next Meeting:

April 17, 2024 at 6:30 p.m.  
Preston Fire Department  
14 N Mitchell St  
Preston IA 52069

Jackson County Multi-jurisdictional  
Hazard Mitigation Plan  
Meeting #2 – February 28, 2024



## B.13 Meeting #2 Minutes

### Jackson County Multi-jurisdictional Hazard Mitigation Plan Update Project Overview

Meeting #2 Minutes  
February 28, 2024

This document is a record of attendance and summary of material discussed at the Jackson County Multi-jurisdictional Hazard Mitigation Planning meeting #2.

#### Attendees:

Jurisdiction	Name	Title/Agency
Jackson County	Kelley Brown	Executive Director, Jackson County Economic Alliance
Jackson County	Nin Flagel	Supervisor, Jackson County-Board of Supervisors
Jackson County	Lyn Medinger	Jackson County Emergency Management Coordinator
Jackson County	Brent Kilburg	Sheriff/Jackson County
Jackson County	Lori Roling	Zoning Director, Jackson County
Jackson County	Jayden Scheckel	Assistant Engineer, Jackson County
Jackson County	Don Schwenker	Supervisor, Jackson County-Board of Supervisors
Jackson County	Jennifer Warren	Jackson County Public Health
Andrew	Keith DeMoss	City Council, City of Andrew
Bellevue	Teresa Weinschenk	Chief, Bellevue Fire Department
LaMotte	Matt Wagner	Mayor, City of LaMotte
LaMotte	Joe Kilburg	Water Testing, City of LaMotte
Maquoketa	Tom Messerli	Mayor, City of Maquoketa
Miles	Paul Maze	Chief, Miles Fire Department
Miles	Mike Portz	Miles Fire Department
Preston & Spragueville	Landon Ruchotzke	Chief, Preston Fire Department & City Council Member for City of Spragueville
Sabula	Lynn Parker	City Clerk, City of Sabula
St. Donatus	Ron Hilkin	Mayor, City of St. Donatus
Springbrook	Mark Griffin	Chief, Springbrook Fire Department & City Council, City of Springbrook
Bellevue School District	Tom Meyer	Superintendent, Bellevue School District
Plan Consultant; Facilitator	Dawn Danielson	Development Coordinator, ECIA

#### Summary of Meeting:

The meeting began with an introduction of the hazard planning committee members and attendees. Lyn Medinger welcomed and thanked attendees. Dawn Danielson, ECIA project facilitator, presented a power point presentation outlining the agenda for the meeting. The presentation included an update of the planning timeline, hazard risk assessment survey results



and risk analysis assessments and updates. The HMPC discussed the Hazard Risk Assessment, the hazard assessment score for each hazard and survey results and determined which hazards the update would include. Danielson explained that the risk assessment will include review and update to the list of critical facilities for each jurisdiction. Danielson shared the 2023 National and State Hazard Mitigation Plan goals along with the prior Jackson County Hazard Mitigation Plan goals. The HMPC discussed the goals and decided to retain Goal 1 & 2 with no changes and to slightly modify Goal 3 to include verbiage regarding public awareness reaching the whole community whether urban or rural.

Danielson discussed the importance of mitigation and the importance of it in emergency management along with preparedness, response, and recovery. Prior mitigation actions were discussed, and jurisdictions received data collection worksheets to update the mitigation actions from the prior hazard mitigation plan. Tools to conduct the update were shared including the FEMA Mitigation Idea Book and the Local Mitigation Planning Handbook. Each jurisdiction was asked to collaborate with other members within its jurisdiction to update/modify the mitigation actions for its jurisdiction and return updated worksheets to Danielson by March 20, 2024.

The meeting was held in person at the Bellevue City Council Chambers located at 201 E Pleasant St, Maquoketa, IA 52060 and offered via zoom for those who were unable to attend in person. Representatives from each of the jurisdictions participated in the meeting. A total of 21 attendees participated in the meeting.

**Next Steps:**

Responsible Party	Action Item
<b>ECIA:</b>	Distribute meeting minutes
	Prepare agenda for third public meeting
	Invite key stakeholders to public meeting
	Prepare draft chapters and circulate for review
<b>Participants:</b>	Complete data collection set – one set per jurisdiction
	Review draft chapters and provide comments/edits
	Forward jpg photo files to ECIA for use in the plan featuring prior hazard events and/or mitigation implementation

Next meeting will be at the Preston Fire Department located at 14 N Mitchell St, Preston IA at 6:30 p.m. on Wednesday, April 17, 2024. Meeting content to include review of draft chapters and discussion on plan maintenance and updates. Participants will be asked to review mitigation actions and prioritization.

## B.14 Meeting #2 Sign-In Sheets



Jackson County Multi-jurisdictional Hazard Mitigation Plan - Meeting #2  
 Bellevue, IA February 28, 2024, 6:30 p.m.



Name	Title/Agency	Jurisdiction	Address	Phone	Email	Signature
Cari Muhlhause	Assistant Chief, Maquoketa Fire Department	Maquoketa	106 S Niagara St, Maquoketa	563.652.8154		
Josh Boldt	City Administrator, City of Maquoketa	Maquoketa	201 W Platt St, Maquoketa, IA 52060	563.652.3365	<a href="mailto:manager@maquoketaia.com">manager@maquoketaia.com</a>	
Paul Maze	Chief, Miles Fire Department	Miles	28 Orson St, Miles IA 52064	563.682.7889	<a href="mailto:pbmaze1971@gmail.com">pbmaze1971@gmail.com</a>	
Mike Portz	Miles Fire Department	Miles	652 Lincoln St, Miles		<a href="mailto:mportz@netins.net">mportz@netins.net</a>	
Stephanie VonBehren	City Clerk, City of Monmouth	Monmouth	501 N Division, Monmouth IA 52309	319.480.9223	<a href="mailto:cityofmonmouth@netins.net">cityofmonmouth@netins.net</a>	
Caroline Bredekamp	Library Director, City of Preston & Mayor of Spragueville	Preston & Spragueville	1 W Gillet, Preston IA 52069; 127 E Main St, Spragueville IA 52074	563.689.3581	<a href="mailto:caroline.bredekamp@yahoo.com">caroline.bredekamp@yahoo.com</a>	
Landon Ruchotzke	Chief, Preston Fire Department & City Council Member for City of Spragueville	Preston & Spragueville	14 N Mitchell St, Preston IA 52069; 127 E Main St, Spragueville, IA 52074	563-212-1977	<a href="mailto:prestonfiredepartmentchief@gmail.com">prestonfiredepartmentchief@gmail.com</a>	
Lynn Parker	City Clerk, City of Sabula	Sabula	201 Vulcan St, Sabula IA 52070	563.686.2432; 563.219.2632	<a href="mailto:sabulaclerk@iowatelecom.net">sabulaclerk@iowatelecom.net</a>	
Ron Hilkin	Mayor, City of St. Donatus	St. Donatus	203 W 1st Street, St. Donatus IA 52071	563.590.0954	<a href="mailto:rjhilkintdmforge@msn.com">rjhilkintdmforge@msn.com</a>	
Mark Griffin	<i>City Council Fire Dept</i>	Springbrook	101 E Main St, Springbrook IA 52075	563.872.4941 or 563.542.0545	<a href="mailto:michael.king.griffin@gmail.com">michael.king.griffin@gmail.com</a>	



Jackson County Multi-jurisdictional Hazard Mitigation Plan - Meeting #2  
 Bellevue, IA February 28, 2024, 6:30 p.m.



Name	Title/Agency	Jurisdiction	Address	Phone	Email	Signature
	Superintendent, Easton Valley School District	Easton Valley Public School District	321 W School St, Preston IA 52069	563.689.4221	<a href="mailto:chris.fee@eastonvalleycsd.com">chris.fee@eastonvalleycsd.com</a>	
Tom Meyer	Superintendent, Bellevue School District	Bellevue Public School District	1601 State St, Bellevue IA 52031	563.872.4001	<a href="mailto:tommeyer@bellevue.k12.ia.us">tommeyer@bellevue.k12.ia.us</a>	Virtual
		Maquoketa Public School District	612 S Vermont St, Maquoketa IA 52060	563.652.4984	<a href="mailto:tnotz@maquoketaschools.org">tnotz@maquoketaschools.org</a>	
Jennifer Walker	Director of Special Programs/ECIA	ECIA-regional	7600 Commerce Park, Dubuque, IA 52002	563.581.2852	<a href="mailto:iwalker@ecia.org">iwalker@ecia.org</a>	
Tom Berger	Dubuque County Emergency Management Coordinator	Dubuque County	14928 Public Safety Way Dubuque IA 52002	563.589.4170	<a href="mailto:Tom.Berger@DBQCOEMA.COM">Tom.Berger@DBQCOEMA.COM</a>	
Mike Steines	Supervisor, Jackson County-Board of Supervisors	Jackson County	201 W Platt St, Maquoketa, IA 52060	563.349.8289	<a href="mailto:msteines@jacksoncounty.iowa.gov">msteines@jacksoncounty.iowa.gov</a>	
Don Schwenker	Supervisor, Jackson County-Board of Supervisors	Jackson County	201 W Platt St, Maquoketa, IA 52060	563.349.8289	<a href="mailto:dschwenker@jacksoncounty.iowa.gov">dschwenker@jacksoncounty.iowa.gov</a>	Virtual
Nin Fligel	Supervisor, Jackson County-Board of Supervisors	Jackson County	201 W Platt St, Maquoketa, IA 52060	563.349.8289	<a href="mailto:nfligel@jacksoncounty.iowa.gov">nfligel@jacksoncounty.iowa.gov</a>	Nin Fligel
Elizabeth Townsend	Jackson County Environmental Health	Jackson County	201 W Platt St, Maquoketa, IA 52060	563.652.1729	<a href="mailto:etownsend@jacksoncounty.iowa.gov">etownsend@jacksoncounty.iowa.gov</a>	
Paige Beranek	Emergency Preparedness Coordinator/ Jackson County Regional Health Center	Jackson County	601 Hospital Dr, Maquoketa IA 52060	563.652.4044	<a href="mailto:beranekp@genesishealth.com">beranekp@genesishealth.com</a>	
Jennifer Warren	Jackson County Public Health	Jackson County	Maquoketa		<a href="mailto:warrenjen@genesishealth.com">warrenjen@genesishealth.com</a>	virtual
Ruth Eltrich	Assistant Zoning Administrator, Jackson County	Jackson County	201 W Platt St, Maquoketa, IA 52060		<a href="mailto:reltrich@jacksoncounty.iowa.gov">reltrich@jacksoncounty.iowa.gov</a>	
Lori Roling	Zoning Director Jackson County	Jackson County	201 W Platt St, Maquoketa, IA 52060		<a href="mailto:lroling@jacksoncounty.iowa.gov">lroling@jacksoncounty.iowa.gov</a>	Lori Roling



Jackson County Multi-jurisdictional Hazard Mitigation Plan - Meeting #2  
 Bellevue, IA February 28, 2024, 6:30 p.m.



Name	Title/Agency	Jurisdiction	Address	Phone	Email	Signature
Dawn Danielson	Development Coordinator, ECIA	Plan Consultant; Regional Planner	7600 Commerce Park, Dubuque, IA 52002	563.580.1976	ddanielson@ecia.org	<i>Dawn Danielson</i>
Lyn Medinger	Jackson County Emergency Management Coordinator	Jackson County	201 W Platt St, Maquoketa, IA 52060	563.542.3911	lmedinger@jacksoncounty.iowa.gov	<i>in person</i>
Kelley Brown	Executive Director, Jackson County Economic Alliance	Jackson County	120 1/2 S Main St, Maquoketa, IA 52060	563.652.4549	kelleybrown@thejcea.org	<i>in person</i>
Todd Kinney	Engineer, Jackson County	Jackson County	201 W Platt St, Maquoketa, IA 52060	563.244.0564	tkinney@clintoncounty-ia.gov	
Jayden Scheckel	Assistant Engineer, Jackson County	Jackson County	201 W Platt St, Maquoketa, IA 52060	563.244.0564	jscheckel@jacksoncounty.iowa.gov	<i>Jayden Scheckel</i>
Mike Roeder	Mayor, City of Andrew	Andrew	Andrew, IA	563.542.5400	mayormikeroeder@gmail.com	<i>Mike Roeder</i>
Carrie Browne	City Clerk, City of Baldwin	Baldwin	Baldwin, IA	563.673.3471	cityofbaldwin@outlook.com	
John Wogomon	Mayor, City of Baldwin	Baldwin	Baldwin, IA	563.673.3471	johnwogomon50@gmail.com	
Kent Clasen	Chief, Bellevue Fire Department	Bellevue	106 N Third St, Bellevue IA 52031	563.872.4456	bfdchief@lvuenet.com	
Teresa Weinschenk	City Clerk, City of Bellevue	Bellevue	106 N Third St, Bellevue IA 52031	563.872.4456	teresa.weinschenk@bellevueia.gov	<i>Teresa Weinschenk</i>
Matt Wagner	Mayor, City of LaMotte	LaMotte	300 Union St, LaMotte IA	563.773.8285	wagners5@outlook.com	<i>Matt Wagner</i>
Joe Kilburg	Water Testing, City of LaMotte	LaMotte	300 Union St, LaMotte IA	563.357.8832	sporty@netins.net	<i>Joe Kilburg</i>
Tom Messerli	Mayor, City of Maquoketa	Maquoketa	201 W Platt St, Maquoketa, IA 52060	563.652.3365	mayortom652@gmail.com	<i>Tom Messerli</i>
Mark Beck	Assistant Chief, Maquoketa Fire Department	Maquoketa	106 S Niagara St, Maquoketa	563.652.8154	marken408@gmail.com	
Name	Title/Agency	Jurisdiction	Address	Phone	Email	Signature
<i>Brent Kilburg</i>	<i>Sheriff Jackson Co. Sheriff</i>	<i>Jackson County Sheriff</i>	<i>104 S. Niagara St Maquoketa, IA</i>	<i>563-652 3312</i>	<i>b.kilburg@jacksoncounty- iowa.gov</i>	<i>Brent Kilburg</i>

## B.15 Meeting #3 Invitation

### Dawn Danielson

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**Subject:** Jackson County HMP Update Meeting #3  
**Location:** Preston Fire Station

**Start:** Wed 4/17/2024 6:30 PM  
**End:** Wed 4/17/2024 8:30 PM  
**Show Time As:** Tentative

**Recurrence:** (none)

**Meeting Status:** Not yet responded

**Organizer:** Dawn Danielson  
**Required Attendees:** travis.woodhurst@gmail.com; pbmaze1971@gmail.com; prestonfiredepartmentchief@gmail.com; prestonmayortylersieverding@gmail.com; cam4535@msn.com; bartlar@hotmail.com; 5633575538@email.uscc.net; kjsieverding@yahoo.com; kent.clasen@bellevueia.gov; sporty@netins.net; tommeyer@bellevue.k12.ia.us; tnotz@maquoketaschools.org; chris.fee@andrew.k12.ia.us; Paige Beranek; dschwenker@jacksoncounty.iowa.gov; nflagel@jacksoncounty.iowa.gov; msteines@jacksoncounty.iowa.gov; tkinney@jacksoncounty.iowa.gov; etownsend@jacksoncounty.iowa.gov; bkilburg@jacksoncounty.iowa.gov; iowa40z@yahoo.com; rjhilkintdmforge@msn.com; erik.rockwell@sacredheartmaq.org; wagners5@outlook.com; Mindy Ashcraft; Josh Boldt; Caroline Bredecamp; Marie Rossmann; teresa.weinschenk@bellevueia.gov; Julia Boop; jcbos@co.jackson.ia.us; Carrie Browne; mayomikeroeder@gmail.com; Troy Hansen; Matt Wagner; Frank Ellenz; Lynn Parker; chris.fee@eastonvalleycsd.com; andrew@netins.net; william.reistroffer@bellevueia.gov; Jennifer Messerich; warrenjen@genesishhealth.com; johnwogomon50@gmail.com; mportz@netins.net; Joyce Hancock; Iroling@jacksoncounty.iowa.gov; lmedinger@jacksoncounty.iowa.gov; jscheckel@jackson.county.iowa.gov; Teresa Weinschenk; Stephanie VonBehren; Caroline Bredekamp; Mike Griffin; Tom Messerli (tommy@yousq.net)

**Optional Attendees:** Jennifer Walker; cityofzwingle@gmail.com; Tom.Berger@DBQCOEMA.COM; geoffreykaiser@marquettecatholic.com; jack.stinogel@iowa.gov

Hi all,

Thank you to all who attended the second Jackson County Hazard Mitigation Plan Update meeting. The [next meeting](#) will be 6:30 pm on April 17, 2024 at the Preston Fire Station.

As a reminder the Mitigation Action worksheets are due March 20. Here are some quick links to assist in filling out the worksheet.

**Quick Links:**

2013 FEMA Mitigation Ideas Book: [https://www.fema.gov/sites/default/files/2020-06/fema-mitigation-ideas\\_02-13-2013.pdf](https://www.fema.gov/sites/default/files/2020-06/fema-mitigation-ideas_02-13-2013.pdf)

2019 Jackson County Multi-jurisdictional HMP: <https://jacksoncounty.iowa.gov/emergency-management/>

2023 FEMA Local Mitigation Planning Policy Guide: <http://tiny.cc/policyguide> and handbook: <http://tiny.cc/FEMAhandbook>

Also, please make sure to fill in the columns in **BLUE** on the worksheets especially the timeline and potential funding source column. There is list of the timeline ranges and funding sources at the top of the worksheet.

I know several of you were taking the worksheets back and having a meeting with council and staff. If you do that please send me the date you had the meeting and who attended as I will include that in the Plan update as part of the update process.

Any questions on the worksheets let me know.  
Thanks again,

Dawn Danielson | Development Coordinator  
Brownfields Project Manager  
East Central Intergovernmental Association | 7600 Commerce Park, Dubuque, IA 52002  
C 563.580.1976 | F 563.556.0348 |



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## B.16 Meeting #3 Agenda

### **Jackson County HMP Update Meeting #3**

**Preston Fire Department Station**

**14 N Mitchell St – Preston, IA 52069**

**Wednesday, April 17, 2024 – 6:30 pm – 8:00 pm**

#### **Agenda**

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**Zoom:** <https://us06web.zoom.us/j/81477820469?pwd=JsaDiLUPpGTUcFWb1CgSkQzyWknBK9.1>

Meeting ID: 814 7782 0469

Passcode: 732544

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1. Introductions
2. Status Update/Review Plan Draft
3. Discuss Plan Maintenance
4. Wrap up and discuss Next Steps
5. Adjourn

## B.17 Meeting #3 Presentation

# Jackson County Multi-Jurisdictional Hazard Mitigation Plan Update Meeting #3

**Web link:** <https://us06web.zoom.us/j/81477820469?pwd=JsaDilUPpGTUcFWb1Cq5kQzyWknBK9.1>

Meeting ID: 814 7782 0469

Passcode: 732544



Jackson County Multi-Jurisdictional  
Hazard Mitigation Plan  
Meeting #3 – April 17, 2024



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## Introductions

### **Local Contact**

Jackson County  
Lyn Medinger, Emergency Management

### **Consultant**

East Central Intergovernmental Association (ECIA)  
Dawn Danielson, Development/Project Coordinator

Dan Fox, Sr. Planner

Jack Studier, Planner

Jackson County Multi-Jurisdictional  
Hazard Mitigation Plan  
Meeting #3 – April 17, 2024





# Agenda

1. Introductions
2. Status Update/Review Plan Draft/Timeline Recap
3. Discuss Plan Maintenance
4. Wrap Up and discuss Next Steps
5. Adjourn

Jackson County Multi-Jurisdictional  
Hazard Mitigation Plan  
Meeting #3 – April 17, 2024



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# Planning Timeline



Current HMP expires 1/8/2025

Jackson County Multi-Jurisdictional  
Hazard Mitigation Plan  
Meeting #3 – April 17, 2024



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# Jackson County HMP – Draft

Each Jurisdiction:

- Review DRAFT chapters located at [https://eciains.org/jackson\\_county\\_hazard\\_mitigation\\_plan.php](https://eciains.org/jackson_county_hazard_mitigation_plan.php)
- Share draft chapters with community at large and ask for feedback/comments
- Comments: Submit by **May 20<sup>th</sup>**.
- Update will be available for public by June 1<sup>st</sup> - *tentatively* [public comment period 30 days] – send proof of publication to ECIA

Jackson County Multi-Jurisdictional  
Hazard Mitigation Plan  
Meeting #3 – April 17, 2024



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# Jackson County – 2023 HMP Goal Updates

Goal 1: Protect the health, safety, and quality of life for Jackson County citizens while reducing or eliminating property losses, economic costs, and damage to the natural environment caused by a disaster.

Goal 2: Ensure government operations, response and recovery in Jackson County are not significantly disrupted by disasters.

Goal 3: Expand public awareness *within the whole community, both urban and rural* and encourage intergovernmental cooperation, coordination, and communication in Jackson County to build a more resilient community against all hazards.

Jackson County Multi-Jurisdictional  
Hazard Mitigation Plan  
Meeting #3 – April 17, 2024



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# Jackson County HMP – Plan Maintenance

- HMPC agree to:
  - Meet annually – incorporate in Emergency Management Commission meeting for annual monitoring of progress on mitigation actions – update mitigation strategy
  - Meet following major storms or natural disasters
  - Seek community public input
  - Update Plan – ongoing
    - Plan is a **Living** Document – incorporate Action items in other plans
  - Report progress on mitigation actions to Jackson Co Emergency Management

Jackson County Multi-Jurisdictional  
Hazard Mitigation Plan  
Meeting #3 – April 17, 2024



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# Wrap Up & Next Steps

## Participants:

- Send photos for plan to ECIA
- Review DRAFT chapters located at [https://eciains.org/jackson\\_county\\_hazard\\_mitigation\\_plan.php](https://eciains.org/jackson_county_hazard_mitigation_plan.php)
- Share with local community stakeholders

## Jackson Co – Emergency Management Coordinator:

- Issue Public Notice for 30-day Public Comment Period - tentatively planned for June 1-30

## Jurisdictions:

- After comment period, each Jurisdiction will adopt plan

## ECIA:

- Prepare draft chapter edits, circulate
- Submit Plan Update to State – Fall 2024 & FEMA Fall/Winter 2024



Jackson County Multi-Jurisdictional  
Hazard Mitigation Plan  
Meeting #3 – April 17, 2024



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## B.18 Meeting #3 Minutes

# Jackson County Multi-Jurisdictional Hazard Mitigation Plan Update Project Overview

Meeting #3 Minutes  
April 17, 2024

This document is a record of attendance and summary of material discussed at the Jackson County Multi-Jurisdictional Hazard Mitigation Planning meeting #3.

### Attendees:

Jurisdiction	Name	Title/Agency
Jackson County	Kelley Brown	Executive Director, Jackson County Economic Alliance
Jackson County	Nin Flagel	Supervisor, Jackson County-Board of Supervisors
Jackson County	Lyn Medinger	Jackson County Emergency Management Coordinator
Jackson County	Brent Kilburg	Sheriff/Jackson County
Jackson County	Lori Roling	Zoning Director, Jackson County
Jackson County	Don Schwenker	Supervisor, Jackson County-Board of Supervisors
Jackson County	Mike Steines	Supervisor, Jackson County-Board of Supervisors
Jackson County	Jennifer Warren	Jackson County Public Health
Maquoketa	Tom Messerli	Mayor, City of Maquoketa
Miles	Paul Maze	Chief, Miles Fire Department
Preston & Spragueville	Landon Ruchotzke	Chief, Preston Fire Department & City Council Member for City of Spragueville
Preston & Spragueville	Caroline Bredekamp	Mayor, City of Spragueville & Library Director, City of Preston
Preston	Sheryl Ganser	City Clerk, City of Preston
Springbrook	Mark Griffin	Chief, Springbrook Fire Department & City Council, City of Springbrook
Plan Consultant; Facilitator	Dawn Danielson	Development Coordinator, ECIA

### Summary of Meeting:

The meeting began with an introduction of the hazard planning committee members and attendees. Lyn Medinger welcomed and thanked attendees. Dawn Danielson, ECIA project facilitator, presented a power point presentation outlining the agenda for the meeting. The presentation included an update of the planning timeline, hazard risk assessment survey results and risk analysis assessments and updates. The HMPC discussed the Hazard Risk Assessment, review of draft chapters and shared location, review of plan maintenance and update process.

Danielson discussed the requirements for the plan to provide a formal plan maintenance process to ensure that the mitigation plan remains an active and relevant document. Committee reviewed the plan process and made no changes to the current process in place.

The meeting was held in person at the Preston Fire Department Station located at 14 N Mitchell St, Preston, IA 52060 and offered via zoom for those who were unable to attend in person. The Plan coordinator followed up with meeting minutes to all committee members. A total of 15 attendees participated in the meeting.

Draft plan will be posted to ECIA Jackson County HMP Update website for review and comment and link and public notice posted on Jackson County Emergency Management website. Any comments received during comment period will be addressed and incorporated accordingly in the plan update.

**Next Steps:**

Responsible Party	Action Item
<b>Participants:</b>	Forward jpg photo files to ECIA for use in the plan featuring prior hazard events and/or mitigation implementation
	Review draft chapters and provide comments/edits
	Share with local community stakeholders
<b>Jackson Co – EM Coordinator:</b>	Issue Public Notice for 30-day public comment period once draft chapters have been reviewed by HMPC and updated by ECIA
	Solicit Feedback from Adjacent Communities and other key stakeholders
<b>Jurisdictions:</b>	After comment period and plan updated, adopt plan
<b>ECIA:</b>	Distribute meeting minutes
	Prepare draft chapter edits and circulate for review
	Submit Plan update to State & FEMA – August/September 2024
	Anticipate FEMA approval pending adopt – December 2024

## B.19 Meeting #3 Sign-In Sheets



Jackson County Multi-Jurisdictional Hazard Mitigation Plan - Meeting #3  
Preston, IA April 17, 2024, 6:30 p.m.



Name	Title/Agency	Jurisdiction	Address	Phone	Email	Signature
Paul Maze	Chief, Miles Fire Department	Miles	28 Orson St, Miles IA 52064	563.682.7889	pbmaze1971@gmail.com	<i>Paul Maze</i>
Mike Portz	Miles Fire Department	Miles	652 Lincoln St, Miles		mportz@netins.net	
Stephanie VonBehren	City Clerk, City of Monmouth	Monmouth	501 N Division, Monmouth IA 52309	319.480.9223	cityofmonmouth@netins.net	
Caroline Bredekamp	Library Director, City of Preston & Mayor of Spragueville	Preston & Spragueville	1 W Gillet, Preston IA 52069; 127 E Main St, Spragueville IA 52074	563.689.3581	caroline_bredkamp@yahoo.com	<i>Caroline M. Bredekamp</i>
Landon Ruchotzke	Chief, Preston Fire Department & City Council Member for City of Spragueville	Preston & Spragueville	14 N Mitchell St, Preston IA 52069; 127 E Main St, Spragueville, IA 52074	563-212-1977	prestonfiredepartmentchief@gmail.com	<i>Landon Ruchotzke</i>
Travis Woodhurst	Chief, Sabula Fire Department	Sabula	201 Vulcan St, Sabula IA 52070	563.686.2432; 563.219.2632	sabulafd@gmail.com	
Lynn Parker	City Clerk, City of Sabula	Sabula	201 Vulcan St, Sabula IA 52070	563.686.2432; 563.219.2632	sabulaclerk@iowatelecom.net	
Ron Hilkin	Mayor, City of St. Donatus	St. Donatus	203 W 1st Street, St. Donatus IA 52071	563.590.0954	rjhikindmforze@msn.com	
Kevin Sieverding	Chief, Springbrook Fire Department	Springbrook	101 E Main St, Springbrook IA 52075	563.872.4941 or 563.542.0545	kisieverding@yahoo.com	
Mike Griffin	City Council, Fire Dept, EMT	Springbrook	101 E Main St, Springbrook IA 52075	563.872.4941 or 563.542.0545	michael.king.griffin@gmail.com	<i>Mike Griffin</i>



Jackson County Multi-Jurisdictional Hazard Mitigation Plan - Meeting #3  
Preston, IA April 17, 2024, 6:30 p.m.



Name	Title/Agency	Jurisdiction	Address	Phone	Email	Signature
Dawn Danielson	Development Coordinator, ECIA	Plan Consultant; Regional Planner	7600 Commerce Park, Dubuque, IA 52002	563.580.1976	ddanielson@ecia.org	<i>Dawn Danielson</i>
Lyn Medinger	Jackson County Emergency Management Coordinator	Jackson County	201 W Platt St, Maquoketa, IA 52060	563.542.3911	lmedinger@jacksoncounty.iowa.gov	<i>Lyn Medinger</i>
Kelley Brown	Executive Director, Jackson County Economic Alliance	Jackson County	120 1/2 S Main St, Maquoketa, IA 52060	563.652.4549	kelleybrown@theicea.org	<i>Kelley Brown</i>
Todd Kinney	Engineer, Jackson County	Jackson County	201 W Platt St, Maquoketa, IA 52060	563.244.0564	tkinney@clintoncounty-ia.gov	
Mike Roeder	Mayor, City of Andrew	Andrew	Andrew, IA	563.542.5400	mayormikeroeder@gmail.com	
Carrie Browne	City Clerk, City of Baldwin	Baldwin	Baldwin, IA	563.673.3471	cityofbaldwin@outlook.com	
John Wogomon	Mayor, City of Baldwin	Baldwin	Baldwin, IA	563.673.3471	johnwogomon50@gmail.com	
Kent Clasen	Chief, Bellevue Fire Department	Bellevue	106 N Third St, Bellevue IA 52031	563.872.4456	bfdchief@ivuenet.com	
Matt Wagner	Mayor, City of LaMotte	LaMotte	300 Union St, LaMotte IA	563.773.8285	wagners5@outlook.com	
Joe Kilburg	Water Testing, City of LaMotte	LaMotte	300 Union St, LaMotte IA	563.357.8832	sparty@netins.net	
Tom Messerli	Mayor, City of Maquoketa	Maquoketa	201 W Platt St, Maquoketa, IA 52060	563.652.3365	mayortom52@gmail.com	<i>Tom Messerli</i>



Jackson County Multi-Jurisdictional Hazard Mitigation Plan - Meeting #3  
 Preston, IA April 17, 2024, 6:30 p.m.



Name	Title/Agency	Jurisdiction	Address	Phone	Email	Signature
Tom Meyer	Superintendent, Bellevue School District	Bellevue Public School District	1601 State St, Bellevue IA 52031	563.872.4001	<a href="mailto:tommeyer@bellevue.k12.ia.us">tommeyer@bellevue.k12.ia.us</a>	
Tara Notz	Superintendent, Maquoketa School District	Maquoketa Public School District	612 S Vermont St, Maquoketa IA 52060	563.652.4984	<a href="mailto:tnotz@maquoketaschools.org">tnotz@maquoketaschools.org</a>	
Mike Steines	Supervisor, Jackson County-Board of Supervisors	Jackson County	201 W Platt St, Maquoketa, IA 52060	563.349.8289	<a href="mailto:msteines@jacksoncounty.iowa.gov">msteines@jacksoncounty.iowa.gov</a>	<i>Mike Steines</i>
Don Schwenker	Supervisor, Jackson County-Board of Supervisors	Jackson County	201 W Platt St, Maquoketa, IA 52060	563.349.8289	<a href="mailto:dschwenker@jacksoncounty.iowa.gov">dschwenker@jacksoncounty.iowa.gov</a>	<i>online virtual</i>
Nin Fligel	Supervisor, Jackson County-Board of Supervisors	Jackson County	201 W Platt St, Maquoketa, IA 52060	563.349.8289	<a href="mailto:nfligel@jacksoncounty.iowa.gov">nfligel@jacksoncounty.iowa.gov</a>	<i>Nin Fligel</i>
Elizabeth Townsend	Jackson County Environmental Health	Jackson County	201 W Platt St, Maquoketa, IA 52060	563.652.1729	<a href="mailto:etownsend@jacksoncounty.iowa.gov">etownsend@jacksoncounty.iowa.gov</a>	
Paige Beranek	Emergency Preparedness Coordinator/ Jackson County Regional Health Center	Jackson County	601 Hospital Dr, Maquoketa IA 52060	563.652.4044	<a href="mailto:beranekp@genesishealth.com">beranekp@genesishealth.com</a>	
Jennifer Warren	Jackson County Public Health	Jackson County	Maquoketa		<a href="mailto:warrenjen@genesishealth.com">warrenjen@genesishealth.com</a>	
Ruth Eltrich	Assistant Zoning Administrator, Jackson County	Jackson County	201 W Platt St, Maquoketa, IA 52060		<a href="mailto:reltrich@jacksoncounty.iowa.gov">reltrich@jacksoncounty.iowa.gov</a>	
Lori Roling	Zoning Director Jackson County	Jackson County	201 W Platt St, Maquoketa, IA 52060		<a href="mailto:lroling@jacksoncounty.iowa.gov">lroling@jacksoncounty.iowa.gov</a>	<i>Lori Roling</i>
Jim Kraker	Jackson County Sheriff	Jackson County	201 W Platt St, Maquoketa, IA 52060			
Brent Kilburg	Jackson County Sheriff	Jackson County	104 S Niagara St, Maquoketa, IA 52060	563.652.3312	<a href="mailto:bkilburg@jacksoncounty.iowa.gov">bkilburg@jacksoncounty.iowa.gov</a>	<i>Brent Kilburg</i>
<i>Sheryl Gunzer</i>	<i>City Admin</i>	<i>Preston</i>	<i>1 W Gillet St Preston</i>	<i>563-684-300</i>	<i>admin@preston.iowa.gov</i>	<i>Sheryl Gunzer</i>

## B.20 Plan Summary/Questionnaire for Public Comment during Drafting Stage



### Jackson County Hazard Mitigation Plan Update

\* 1. Select your Jurisdiction

Other (please specify)

\* 2. Please provide your name and email

Name

Email Address



In this survey you will evaluate potential hazards based on four criteria: Probability, Magnitude/Severity, Warning Time, and Duration. Please review the following hazard definitions below before continuing.

**Animal/Plant/Crop Disease:** infection of crops/livestock that renders it unfit for consumption/use

**Dam/Levee Failure:** uncontrolled release of water resulting from a structural failure of a dam/levee

**Drought:** condition of moisture levels significantly below normal for an extended period time over a large area that adversely affects plants, animal life, and humans

**Expansive Soils:** soils that expand and shrink in relation to water content, causing damage to buildings and infrastructure

**Extreme Heat:** temperatures hover 10 degrees or more above the average high for the region for several weeks

**Flash Flood:** water levels rise at an extremely fast rate as a result of intense rainfall over a brief period

**Grass/Wildland Fire:** widespread fire typically associated with lightning and drought conditions

**Hazardous Materials:** incident involving a substance that may cause damage when released to soil, water, or air

**Human Disease:** outbreak of medical, health, or sanitation threat to the general public

**Infrastructure Failure:** failure of vital facilities/systems including electric, gas/oil, water, transportation, etc.

**Landslide:** downhill movement of masses of soil and rock by gravity

**Radiological Incident:** an occurrence resulting in the release of radiological material at a fixed facility (such as power plants, hospitals, laboratories, etc. or in transit

**River Flooding:** partial or complete inundation of normally dry land areas

**Severe Winter Storm:** blizzard, blowing snow, snow squalls, snow showers, freezing rain, and/or sleet

**Sinkholes:** rock below the land surface is limestone, carbonate rock, salt beds, or rocks that can naturally be dissolved by ground water circulating through them, creating voids/caverns, and resulting in the sudden collapse of the land surface

**Terrorism:** encompasses enemy attack, biological terrorism, agroterrorism, chemical terrorism, cyber terrorism, radiological terrorism, and public disorder, demonstrating unlawful force, violence, and/or threat against persons or property causing intentional harm

**Thunderstorm/Lightning/Hail:** thunderstorms are storms that contain lightning, large discharges of energy, thunder, and sometimes hail, frozen water droplets that accumulate until falling to earth, commonly between the size of a pea and a baseball, and often causing damage

**Tornado/Windstorm:** violently rotating column of air extending from a thunderstorm to the ground

**Transportation Incident:** incident which results in property damage, death/injury, and/or impacts a community's capabilities to provide emergency services

\* 3. **Probability:** Reflects the likelihood of the hazard occurring in the future, considering both the hazard's historical occurrence and the projected likelihood of the hazard occurring in any given year.

Based on the following definitions, assign a probability value to each hazard.

Unlikely - Less than 10% probability

Occasional - Between 11% and 20% probability

Likely - Between 21% and 33% probability

Highly Likely - More than 34% probability

	Unlikely	Occasionally	Likely	Highly Likely
Animal/Plant/Crop Disease	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dam/Levee Failure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drought	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Expansive Soils	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extreme Heat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Flash Flood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grass/Wildland Fire	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hazardous Materials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Human Disease	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Infrastructure Failure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Landslide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Radiological Incident	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
River Flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Severe Winter Storm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sinkholes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Terrorism	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thunderstorm/Lightning/Hail	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tornado/Windstorm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Transportation Incident	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

\* 4. **Magnitude/Severity:** Assessment of severity in terms of injuries and fatalities, personal property, and infrastructure and the degree and extent with which the hazard affects the jurisdiction.

Based on the following definitions, assign a value to each hazard.

Negligible - Less than 10% of property severely damaged, shutdown of facilities and services for less than 24 hours, and/or injuries/illnesses treatable with first aid.

Limited - 11% to 25% of property severely damaged, shutdown of facilities and services for less than 24 hours, and/or injuries/illnesses that do not result in permanent disability.

Critical - 26% to 50% of property severely damaged, shutdown of facilities and services for at least 2 weeks, and/or injures/illnesses that result in permanent disability.

Catastrophic - More than 51% of property severely damaged, shutdown of facilities and services for more than 30 days, and/or multiple deaths.

	Negligible	Limited	Critical	Catastrophic
Animal/Plant/Crop Disease	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dam/Levee Failure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drought	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Expansive Soils	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extreme Heat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Flash Flood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grass/Wildland Fire	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hazardous Materials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Human Disease	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Infrastructure Failure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Landslide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Radiological Incident	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
River Flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Severe Winter Storm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sinkholes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Terrorism	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thunderstorm/Lightning/Hail	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tornado/Windstorm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Transportation Incident	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

\* 5. **Warning Time:** Rating of the potential amount of warning time that is available before the hazard occurs. This should be taken as an average warning time.

Based on the following definitions, assign a value to each hazard.

- 1 - More than 24 hours warning time
- 2 - 13 to 24 hours warning time
- 3 - 6 to 12 hours warning time
- 4 - minimal or no warning time (less than 6 hours)

	1	2	3	4
Animal/Plant/Crop Disease	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dam/Levee Failure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drought	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Expansive Soils	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extreme Heat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Flash Flood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grass/Wildland Fire	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hazardous Materials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Human Disease	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Infrastructure Failure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Landslide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Radiological Incident	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
River Flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Severe Winter Storm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sinkholes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Terrorism	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thunderstorm/Lightning/Hail	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tornado/Windstorm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Transportation Incident	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

\* 6. **Duration:** Measure of the duration of time that the hazard will affect the jurisdiction.

Based on the following definitions, assign a value to each hazard.

1 - Less than 6 hours

2 - More than 6 hours to less than 1 day

3 - More than 1 day to less than 1 week

4 - More than 1 week

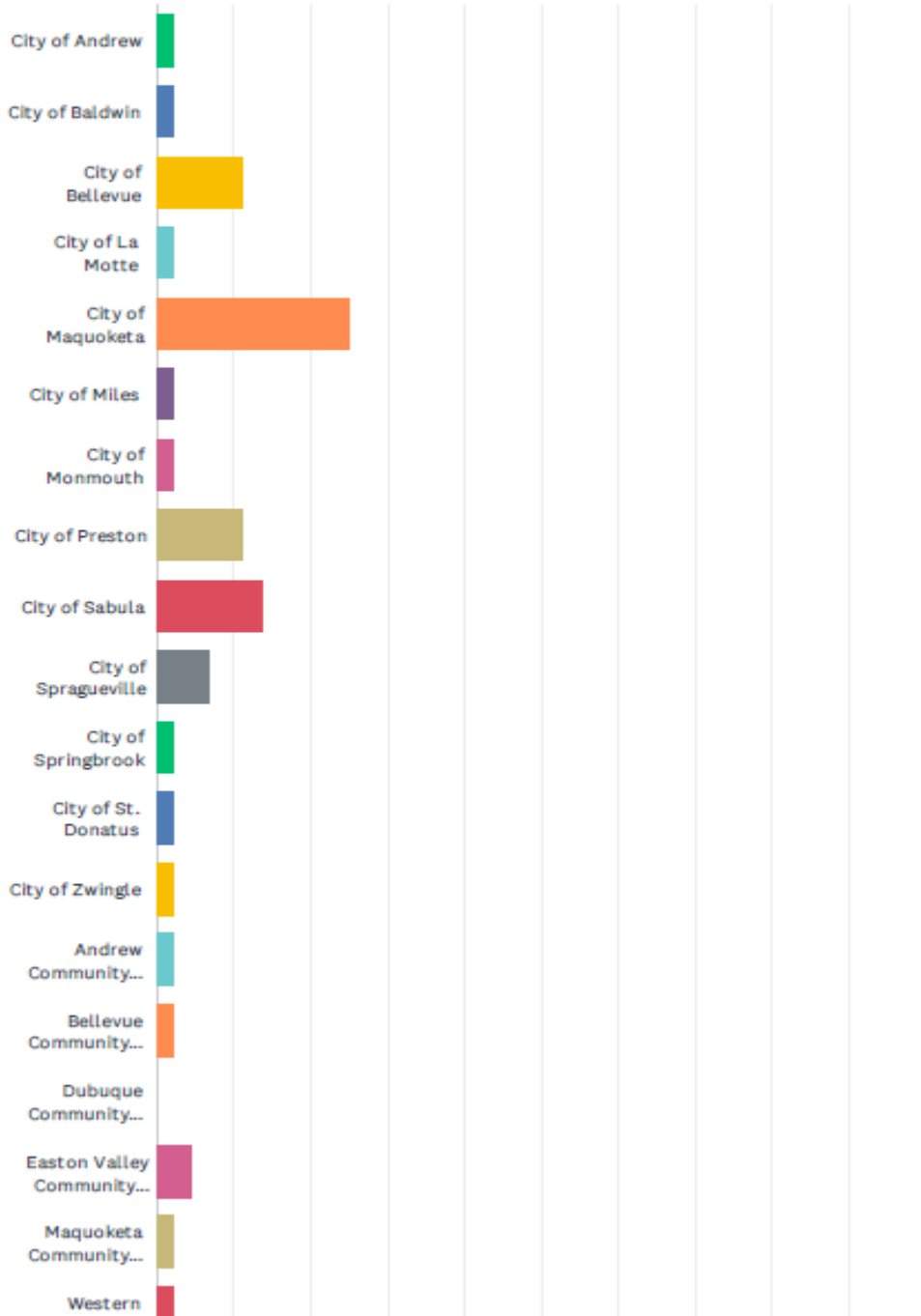
	1	2	3	4
Animal/Plant/Crop Disease	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dam/Levee Failure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drought	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Expansive Soils	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extreme Heat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Flash Flood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grass/Wildland Fire	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hazardous Materials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Human Disease	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Infrastructure Failure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Landslide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Radiological Incident	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
River Flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Severe Winter Storm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sinkholes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Terrorism	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thunderstorm/Lightning/Hail	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tornado/Windstorm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Transportation Incident	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## B.21 Public Survey Results

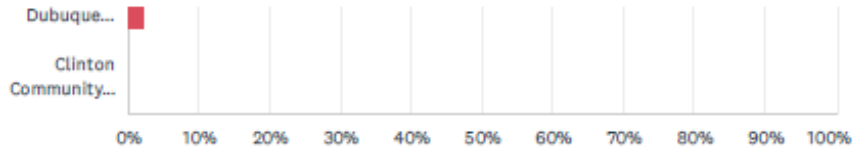
### Jackson County Hazard Mitigation Plan Update

#### Q1 Select your Jurisdiction

Answered: 44 Skipped: 0



### Jackson County Hazard Mitigation Plan Update



ANSWER CHOICES	RESPONSES	
City of Andrew	2.27%	1
City of Baldwin	2.27%	1
City of Bellevue	11.36%	5
City of La Motte	2.27%	1
City of Maquoketa	25.00%	11
City of Miles	2.27%	1
City of Monmouth	2.27%	1
City of Preston	11.36%	5
City of Sabula	13.64%	6
City of Spragueville	6.82%	3
City of Springbrook	2.27%	1
City of St. Donatus	2.27%	1
City of Zwingle	2.27%	1
Andrew Community School District	2.27%	1
Bellevue Community School District	2.27%	1
Dubuque Community School District	0.00%	0
Easton Valley Community School District	4.55%	2
Maquoketa Community School District	2.27%	1
Western Dubuque Community School District	2.27%	1
Clinton Community College	0.00%	0
<b>TOTAL</b>		<b>44</b>

Jackson County Hazard Mitigation Plan Update

Q2 Please provide your name and email. Optional. Please provide this information if you would like to receive updates on the plan.

Answered: 26 Skipped: 18

ANSWER CHOICES	RESPONSES	
Name	100.00%	26
Company	0.00%	0
Address	0.00%	0
Address 2	0.00%	0
City/Town	0.00%	0
State/Province	0.00%	0
ZIP/Postal Code	0.00%	0
Country	0.00%	0
Email Address	100.00%	26
Phone Number	0.00%	0



Q3 Probability: Reflects the likelihood of the hazard occurring in the future, considering both the hazard's historical occurrence and the projected likelihood of the hazard occurring in any given year. Based on the following definitions, assign a probability value to each hazard. Unlikely - Less than 10% probability Occasional - Between 11% and 20% probability Likely - Between 21% and 33% probability Highly Likely - More than 34% probability

Answered: 44 Skipped: 0

Jackson County Hazard Mitigation Plan Update

	UNLIKELY	OCCASIONALLY	LIKELY	HIGHLY LIKELY	TOTAL	WEIGHTED AVERAGE
Animal/Plant/Crop Disease	25.0% 11	56.8% 25	13.6% 6	4.5% 2	44	1.98
Dam/Levee Failure	47.7% 21	29.5% 13	13.6% 6	9.1% 4	44	1.84
Drought	4.5% 2	29.5% 13	47.7% 21	18.2% 8	44	2.80
Expansive Soils	34.1% 15	50.0% 22	11.4% 5	4.5% 2	44	1.86
Extreme Heat	2.3% 1	29.5% 13	54.5% 24	13.6% 6	44	2.80
Flash Flood	13.6% 6	43.2% 19	29.5% 13	13.6% 6	44	2.43
Grass/Wildland Fire	27.3% 12	34.1% 15	29.5% 13	9.1% 4	44	2.20
Hazardous Materials	36.4% 16	31.8% 14	20.5% 9	11.4% 5	44	2.07
Human Disease	27.3% 12	43.2% 19	18.2% 8	11.4% 5	44	2.14
Infrastructure Failure	34.1% 15	36.4% 16	20.5% 9	9.1% 4	44	2.05
Landslide	79.5% 35	18.2% 8	2.3% 1	0.0% 0	44	1.23
Radiological Incident	81.8% 36	11.4% 5	6.8% 3	0.0% 0	44	1.25
River Flooding	13.6% 6	31.8% 14	29.5% 13	25.0% 11	44	2.66
Severe Winter Storm	0.0% 0	22.7% 10	31.8% 14	45.5% 20	44	3.23
Sinkholes	52.3% 23	29.5% 13	11.4% 5	6.8% 3	44	1.73
Terrorism	68.2% 30	18.2% 8	9.1% 4	4.5% 2	44	1.50
Thunderstorm/Lightning/Hail	0.0% 0	18.2% 8	25.0% 11	56.8% 25	44	3.39
Tornado/Windstorm	0.0% 0	29.5% 13	25.0% 11	45.5% 20	44	3.16
Transportation Incident	31.8% 14	27.3% 12	27.3% 12	13.6% 6	44	2.23

Q4 Magnitude/Severity: Assessment of severity in terms of injuries and fatalities, personal property, and infrastructure and the degree and extent with which the hazard affects the jurisdiction. Based on the following definitions, assign a value to each hazard. Negligible - Less than 10% of property severely damaged, shutdown of facilities and services for less than 24 hours, and/or injuries/illnesses treatable with first aid. Limited - 11% to 25% of property severely damaged, shutdown of facilities and services for less than 24 hours, and/or injuries/illnesses that do not result in permanent disability. Critical - 26% to 50% of property severely damaged, shutdown of facilities and services for at least 2 weeks, and/or injures/illnesses that result in permanent disability. Catastrophic - More than 51% of property severely damaged, shutdown of facilities and services for more than 30 days, and/or multiple deaths.

Answered: 44 Skipped: 0

Jackson County Hazard Mitigation Plan Update

	NEGLIGIBLE	LIMITED	CRITICAL	CATASTROPHIC	TOTAL	WEIGHTED AVERAGE
Animal/Plant/Crop Disease	40.9% 18	50.0% 22	9.1% 4	0.0% 0	44	1.68
Dam/Levee Failure	38.6% 17	34.1% 15	15.9% 7	11.4% 5	44	2.00
Drought	20.5% 9	45.5% 20	31.8% 14	2.3% 1	44	2.16
Expansive Soils	52.3% 23	47.7% 21	0.0% 0	0.0% 0	44	1.48
Extreme Heat	15.9% 7	52.3% 23	31.8% 14	0.0% 0	44	2.16
Flash Flood	18.2% 8	54.5% 24	22.7% 10	4.5% 2	44	2.14
Grass/Wildland Fire	34.1% 15	50.0% 22	11.4% 5	4.5% 2	44	1.86
Hazardous Materials	47.7% 21	34.1% 15	9.1% 4	9.1% 4	44	1.80
Human Disease	34.1% 15	45.5% 20	15.9% 7	4.5% 2	44	1.91
Infrastructure Failure	29.5% 13	40.9% 18	18.2% 8	11.4% 5	44	2.11
Landslide	77.3% 34	18.2% 8	4.5% 2	0.0% 0	44	1.27
Radiological Incident	63.6% 28	15.9% 7	11.4% 5	9.1% 4	44	1.66
River Flooding	11.4% 5	52.3% 23	29.5% 13	6.8% 3	44	2.32
Severe Winter Storm	9.1% 4	50.0% 22	31.8% 14	9.1% 4	44	2.41
Sinkholes	59.1% 26	31.8% 14	9.1% 4	0.0% 0	44	1.50
Terrorism	61.4% 27	11.4% 5	20.5% 9	6.8% 3	44	1.73
Thunderstorm/Lightning/Hail	9.1% 4	45.5% 20	36.4% 16	9.1% 4	44	2.45
Tornado/Windstorm	2.3% 1	36.4% 16	29.5% 13	31.8% 14	44	2.91
Transportation Incident	47.7% 21	29.5% 13	20.5% 9	2.3% 1	44	1.77

Q5 Warning Time: Rating of the potential amount of warning time that is available before the hazard occurs. This should be taken as an average warning time. Based on the following definitions, assign a value to each hazard. 1 - More than 24 hours warning time 2 - 13 to 24 hours warning time 3 - 6 to 12 hours warning time 4 - minimal or no warning time (less than 6 hours)

Answered: 44 Skipped: 0

Jackson County Hazard Mitigation Plan Update

	1	2	3	4	TOTAL	WEIGHTED AVERAGE
Animal/Plant/Crop Disease	77.3% 34	6.8% 3	4.5% 2	11.4% 5	44	1.50
Dam/Levee Failure	31.8% 14	25.0% 11	6.8% 3	36.4% 16	44	2.48
Drought	81.8% 36	9.1% 4	4.5% 2	4.5% 2	44	1.32
Expansive Soils	72.7% 32	11.4% 5	6.8% 3	9.1% 4	44	1.52
Extreme Heat	65.9% 29	27.3% 12	4.5% 2	2.3% 1	44	1.43
Flash Flood	18.2% 8	25.0% 11	27.3% 12	29.5% 13	44	2.68
Grass/Wildland Fire	18.2% 8	9.1% 4	18.2% 8	54.5% 24	44	3.09
Hazardous Materials	22.7% 10	9.1% 4	11.4% 5	56.8% 25	44	3.02
Human Disease	65.9% 29	13.6% 6	11.4% 5	9.1% 4	44	1.64
Infrastructure Failure	22.7% 10	11.4% 5	25.0% 11	40.9% 18	44	2.84
Landslide	29.5% 13	6.8% 3	25.0% 11	38.6% 17	44	2.73
Radiological Incident	34.1% 15	6.8% 3	15.9% 7	43.2% 19	44	2.68
River Flooding	31.8% 14	34.1% 15	20.5% 9	13.6% 6	44	2.16
Severe Winter Storm	52.3% 23	22.7% 10	13.6% 6	11.4% 5	44	1.84
Sinkholes	27.3% 12	15.9% 7	15.9% 7	40.9% 18	44	2.70
Terrorism	22.7% 10	6.8% 3	6.8% 3	63.6% 28	44	3.11
Thunderstorm/Lightning/Hail	29.5% 13	27.3% 12	20.5% 9	22.7% 10	44	2.36
Tornado/Windstorm	22.7% 10	18.2% 8	18.2% 8	40.9% 18	44	2.77
Transportation Incident	20.5% 9	6.8% 3	13.6% 6	59.1% 26	44	3.11

Q6 Duration: Measure of the duration of time that the hazard will affect the jurisdiction. Based on the following definitions, assign a value to each hazard. 1 - Less than 6 hours 2 - More than 6 hours to less than 1 day 3 - More than 1 day to less than 1 week 4 - More than 1 week

Answered: 44 Skipped: 0

Jackson County Hazard Mitigation Plan Update

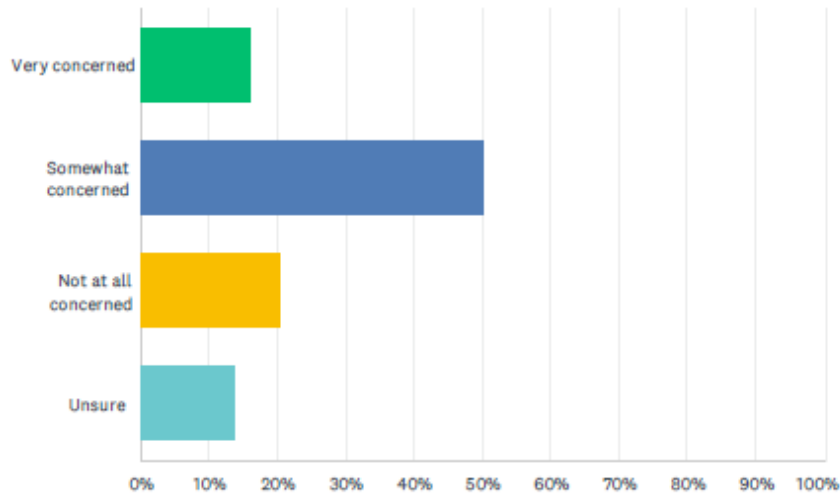
	1	2	3	4	TOTAL	WEIGHTED AVERAGE
Animal/Plant/Crop Disease	13.6% 6	0.0% 0	4.5% 2	81.8% 36	44	3.55
Dam/Levee Failure	18.2% 8	0.0% 0	18.2% 8	63.6% 28	44	3.27
Drought	9.1% 4	6.8% 3	4.5% 2	79.5% 35	44	3.55
Expansive Soils	22.7% 10	18.2% 8	27.3% 12	31.8% 14	44	2.68
Extreme Heat	4.5% 2	15.9% 7	45.5% 20	34.1% 15	44	3.09
Flash Flood	15.9% 7	15.9% 7	36.4% 16	31.8% 14	44	2.84
Grass/Wildland Fire	20.5% 9	36.4% 16	25.0% 11	18.2% 8	44	2.41
Hazardous Materials	13.6% 6	25.0% 11	31.8% 14	29.5% 13	44	2.77
Human Disease	11.4% 5	11.4% 5	13.6% 6	63.6% 28	44	3.30
Infrastructure Failure	9.1% 4	13.6% 6	29.5% 13	47.7% 21	44	3.16
Landslide	31.8% 14	6.8% 3	34.1% 15	27.3% 12	44	2.57
Radiological Incident	18.2% 8	6.8% 3	29.5% 13	45.5% 20	44	3.02
River Flooding	9.1% 4	4.5% 2	40.9% 18	45.5% 20	44	3.23
Severe Winter Storm	2.3% 1	20.5% 9	61.4% 27	15.9% 7	44	2.91
Sinkholes	22.7% 10	25.0% 11	31.8% 14	20.5% 9	44	2.50
Terrorism	15.9% 7	11.4% 5	20.5% 9	52.3% 23	44	3.09
Thunderstorm/Lightning/Hail	20.5% 9	29.5% 13	38.6% 17	11.4% 5	44	2.41
Tomado/Windstorm	4.5% 2	13.6% 6	27.3% 12	54.5% 24	44	3.32
Transportation Incident	34.1% 15	20.5% 9	31.8% 14	13.6% 6	44	2.25



Jackson County Hazard Mitigation Plan Update

Q7 How concerned are you that climate change may create new hazardous situations in Jackson County or make existing natural hazards worse?

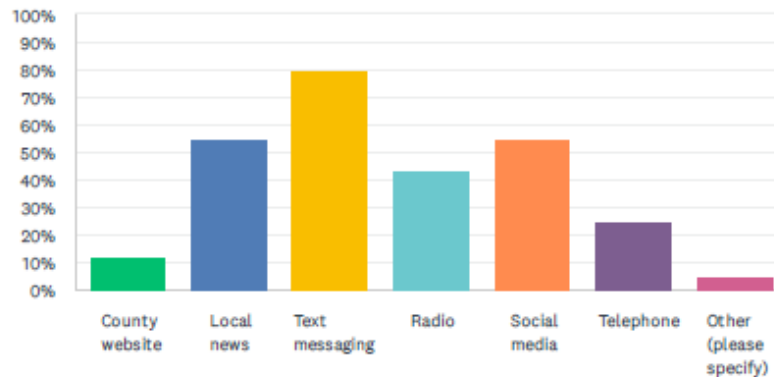
Answered: 44 Skipped: 0



ANSWER CHOICES	RESPONSES	
Very concerned	15.91%	7
Somewhat concerned	50.00%	22
Not at all concerned	20.45%	9
Unsure	13.64%	6
<b>TOTAL</b>		<b>44</b>

Q8 If disaster occurs or one is imminent, what is best way for the county to provide disaster information including details about evacuations? Select up to three options.

Answered: 44 Skipped: 0



ANSWER CHOICES	RESPONSES
County website	11.36% 5
Local news	54.55% 24
Text messaging	79.55% 35
Radio	43.18% 19
Social media	54.55% 24
Telephone	25.00% 11
Other (please specify)	4.55% 2
Total Respondents: 44	



## APPENDIX C COMPLETED/DELETED MITIGATION ACTIONS

The following table provides the disposition of actions from the previous Jackson County Hazard Mitigation Plan that the jurisdictions did not continue forward in the mitigation strategy7 of this plan update. This includes actions with the following statuses:

- Completed
- Delete

[insert table]

## **APPENDIX D ADOPTION RESOLUTIONS BY JURISDICTION**

[Placeholder for executed resolutions for each jurisdiction]

## APPENDIX E CRITICAL/ESSENTIAL FACILITIES (Redacted)