Public Involvement Materials

This appendix includes background information, documentation, meeting materials and agendas, and promotional information used to gather public input in the planning process.

January 2016 Public Meetings		B-2
	Website	
	Social media messages	
	Press release with local news coverage samples	
	Meeting agenda	
	Meeting posters	
	Survey forms	
	Facilitator Guide	
April 20	016 Public Meeting	B-65
	Meeting agenda	
April 20	017 Public Meetings	B-67
	Website	
	Press release with local news coverage samples	
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Public N	Meeting Survey Results	B-97
	Risk Assessment Questionnaire	
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Yahara Watershed Ecosystem Survey		B-104
	Selected results	
September 2017 Public Meetings		B-115
	Public Protection and Judiciary Committee: July 25, 2017 Agenda and Minutes	
	Public Protection and Judiciary Committee: August 22, 2017 Agenda and Minutes	
	Dane County Board of Supervisors: September 28, 2017 Agenda and Minutes	

Public Involvement Materials

January 2016 Public Meetings

- Website
- Social media messages
- Press release with local news coverage samples
- Meeting agenda
- Meeting posters
- Survey forms
- Facilitator Guide



Public Safety Building RM 2107 115 W Doty St Madison, WI 53703-3202 Phone: (608) 266-4330 Fax: (608) 266-4500 TTY: Wisconsin Relay 711

Dane County Natural Hazard Mitigation Plan

Public Listening Sessions

Dane County Emergency Management is in the process of updating the County's Natural Hazards Mitigation Plan.

In this update cycle, Dane County will for the first time address the threat of natural hazards in light of the region's changing climate. The hazard planning will examine climate trends and determine their projected impacts on the natural hazards the plan addresses such as flooding and extreme heat. The inclusion of climate change factors in hazard analysis will ensure Dane County takes appropriate steps to protect its citizen's personal and economic safety through mitigation efforts that consider the changing threat of natural hazards.

Listening sessions will be held in four communities:

City of Madison Tuesday, January 12th from 6:00 to 8:00 pm Madison Water Utility 119 E. Olin Avenue, Madison

Village of Cambridge Wednesday, January 13th from 6:00 to 8:00 pm Cambridge Village Hall 200 Spring Street, Cambridge

Town of Westport Thursday, January 14th from 6:00 to 8:00 pm Westport Town Hall 5387 Mary Lake Road, Westport (/)

Town of Montrose

Wednesday, January 20th from 6:00 to 8:00 pm Montrose Town Hall 1341 Diane Avenue, Montrose

Public involvement is an essential aspect of the planning process. These meetings will give people the opportunity to talk directly with County staff who have been working on the project and to review and comment on the initial findings of the planning process. We encourage people to attend, express their concerns, and have a voice in setting priorities and developing countywide and local hazard mitigation strategies.

NOTE: If you need an interpreter, translator, materials in alternate formats or other accommodations to access this service, activity or program, please call the phone number below at least three business days prior to the meeting.

NOTA: Si necesita un intérprete, un traductor, materiales en formatos alternativos u otros arreglos para acceder a este servicio, actividad o programa, comuníquese al número de teléfono que figura a continuación tres días hábiles como mínimo antes de la reunión.

LUS CIM: Yog hais tias koj xav tau ib tug neeg txhais lus, ib tug neeg txhais ntawv, cov ntawv ua lwm hom ntawv los sis lwm cov kev pab kom siv tau cov kev pab, cov kev ua ub no (activity) los sis qhov kev pab cuam, thov hu rau tus xov tooj hauv qab yam tsawg peb hnub ua hauj lwm ua ntej yuav tuaj sib tham.

County Board Office (608) 266-5758 TTY WI RELAY 711

For ADA information visit Dane County's Accessibility page (https://countyofdane.com/accessibility.aspx).

What is Hazard Mitigation?

The Federal Emergency Management Agency (FEMA) defines hazard mitigation as, "any sustained action taken to reduce or eliminate long-term risk to life and property from natural hazards." Another way to understand hazard mitigation is as the prevention component of the emergency management process.

- Preparedness activities are the emergency plans, training, drills, and exercises that individuals, communities and first responders participate in on almost daily basis. These are things done to get ready for an emergency or disaster before it happens.
- Response is the short-term, emergency actions taken to address the immediate impacts of a hazard.



Emergency Management Cycle

- Recovery is the longer-term process of restoring the community back to normal or pre-disaster conditions.
- Mitigation activities are actions that will prevent or eliminate losses, even if an incident does occur. Mitigation can reduce or eliminate the need for an emergency response and greatly reduce the recovery period.

This may sound complicated, but we all do many of these things on a daily basis. Consider the example of a family taking their car on a road trip in the winter months. Examples of the hazards of highway travel might include vehicle breakdown, inclement weather, or a traffic crash.

- Preparedness activities would include purchasing auto insurance and keeping the policy current, maintaining the vehicle so it is in good operating condition, bringing warm clothes, jumper cables, and a shovel, and having a cell phone on the trip.
- Response activities might include putting on the warm clothes and using the cell phone to call for towing service if the vehicle breaks down or calling 911 if involved in crash.
- Recovery would be getting the vehicle repaired and back on the road after a breakdown or crash.
- Mitigation would be assuring that everyone in the vehicle wears their seatbelt while the vehicle is in motion. This is a specific action to assure that if a crash does occur, the occupants of the vehicle are protected and their risk of serious injury is reduced. Another example would be to cancel or postpone the trip if hazardous winter weather is imminent. This action would eliminate exposure to the risk altogether.

These same concepts apply to community level hazard mitigation planning. Mitigation planning is a process for county and local governments to identify community-level policies and actions that will reduce the impacts of natural hazards.

Why is Natural Hazard Mitigation Important?

Most people who live or work in Dane County have been affected by natural hazards in one way or another. Dane County and its residents are vulnerable to a variety of hazards including extreme temperatures, severe winter weather, tornadoes, and floods. These extreme weather events seem to be occurring more and more frequently, often with disastrous results. In fact, many experts believe that the heavy rains, strong thunderstorms, and tornadoes that struck the upper Midwest in the summer of 2008 are a sign of the future trends. The frequency and severity of future weather extremes is difficult to predict, but the trend seems clear. Six of the fourteen federal disasters declared for Dane County have occurred in the last ten years. In fact, according to National Weather Service records, eight of the ten most costly weather events to affect Dane County have occurred since 2000. Combined, these ten events alone account for an estimated \$181* million in property damage, crop loss, and governmental response and infrastructure repair costs.

Date	Event	Property Damage (\$ Million)	Crop Loss (\$ Million)	Total (\$ Million)
June, 1993	Flood	\$12.6	\$10.0	\$22.6

May, 1998	Severe Storms	\$3.1	\$0.15	\$3.3
June, 2000	Flood	\$6.1	\$3.2	\$9.3
Summer, 2002	Drought	\$0	\$4.4	\$4.4
June, 2004	Tornado	\$1.5	\$0	\$1.5
August, 2005	Tornado	\$34.3	\$.75	\$35.1
May, 2006	Hail	\$5.6	\$0	\$5.6
July, 2006	Flood	\$10.0	\$0	\$10.0
August, 2007	Flood	\$6.8	\$5.0	\$11.8
June, 2008	Severe Storms and Flooding	\$13.5	\$64.4	\$77.9
	Total	\$93.5	\$87.9	\$181.5

As dramatic as these figures are, they do not tell the whole story of damages caused by natural hazards in Dane County. In addition to these large events, almost every year there are smaller, isolated weather events that cause localized property damage and losses significant to the people affected.

* Loss estimates provided by the National Oceanic and Atmospheric Administration (NOAA) National Climatic Data Center.

Hazard Mitigation Plan

The rising costs associated with disaster response and recovery have focused the attention of federal, state, and local governments on addressing natural hazards before they occur. Obviously, torrential rains and tornadoes cannot be prevented from occurring. Planning for natural hazards and implementing mitigation measures, however, can reduce the impact of such events when they do occur. Emergency response and recovery costs can be reduced. Property damage and monetary losses can be reduced. Personal injury and loss of life can be reduced. The economic and social impact on the community as a whole can be reduced.



In 2005, Dane County and thirteen local units of government within the county collaborated in a planning effort to develop a Natural Hazard Mitigation Plan. The plan was prepared by the county's Department of Emergency Management under the direction of County Executive Kathleen Falk and the County Board's Public Protection and Judiciary Committee. The flood-related elements of the hazard mitigation plan were developed in 2004 through a separate process.

These plans were updated and combined in 2009, building off of the framework of the previous versions. Information in this plan will be used to help guide and coordinate mitigation activities and decisions for local land use policy in the future. Proactive mitigation planning will help reduce the cost of disaster response and recovery to the community and its property owners by protecting critical community facilities, reducing liability exposure, and minimizing overall community impacts and disruption. The plan is intended as a plan of action, identifying a wide range of options to reduce the county's vulnerability to natural hazards – before the next disaster occurs.



The plan is divided into 6 chapters, 13 appendices, and 39 annexes as follows:

Executive Summary and Table of Contents

(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Executive Summary and TOC.pdf)

Chapter 1 - Introduction (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Dane County Chapter 1 Introduction.pdf) This chapter contains background information regarding the planning scope and federal planning requirements.

Chapter 2 - Planning Process (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Dane County Chapter 2 Planning.pdf) This chapter describes the planning process used to develop a hazard mitigation strategy including how local units of governments, stakeholder groups, and members of the public were involved.

Chapter 3 - Dane County Profile (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Dane County Chapter 3 Profile.pdf) This chapter contains background information and a profile of Dane County, including geographic and demographic information.

Chapter 4 – Risk Assessment (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Dane County Chapter 4 Risk Assessment.pdf)

This chapter describes the threat of 13 natural hazards – dam failure, drought, flood, fog, hail, landslide/sinkholes/erosion, lightning, severe cold, severe heat, severe winter storm, tornado, wildfire, and windstorms. This chapter has four sections. The Hazard Identification section explains how the natural hazards were chosen to be profiled in this plan. The Hazard Profiles describes the nature of and major impacts of

these hazards. The Vulnerability Summary lists the overall property, populations, and critical facilities exposed to the hazards. Finally the Capability Assessment describes those plans, policies and procedures that the County has already in place to mitigate hazard impacts.

Chapter 5 – Mitigation Strategy (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Dane County Chapter 5 Mitigation Strategy.pdf)

This chapter describes the goals, objectives, and actions that Dane County will take to mitigate the hazards as described in Chapter 4, and the process used to review, select and prioritize viable mitigation alternatives.

Chapter 6 – Plan Implementation and Maintenance (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Dane County Chapter 6 Plan Implementation and Maintenance.pdf)

This chapter describes the plan adoption process, how the plan will be implemented, maintained and updated every 5 years in compliance with federal planning regulations.

Appendix A - Mitigation Objectives (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix A Mitigation Objectives.pdf)

This appendix contains the detailed action steps regarding how Dane County will implement the recommendations of this plan, and ultimately make progress towards meeting the plan's goals.

Appendix B - Mitigation Alternatives in Dane County (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix B Mitigation Alternatives in Dane County.pdf)

This appendix contains background and reference information on mitigation strategies, and the common alternatives that could be used in Dane County.

Appendix C - Plan Participants (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix C Plan Participants.pdf) This appendix contains the list of all Hazard Mitigation Planning Committee members and their contact information.

Appendix D - Planning Process Documentation (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix D Planning Process Documentation.pdf)

This appendix contains materials that document the planning meetings, public meetings, and other activities that occurred during the development of this plan.

Appendix E - Public Participation Plan (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix E Public Participation Plan.pdf)

This appendix contains a separate plan used to involve the public during the creation of this plan.

Appendix F - Public Workshop Questionnaire (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix F Public Questionnaire.pdf)

This appendix contains the public workshop questionnaire used to gather input from the public regarding hazard issues and priority hazard mitigation strategies in Dane County.

Appendix G - Critical Facilities Map (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix G Critical Facilities Maps.pdf)

This appendix contains maps of the critical facilities within Dane County.

Appendix H - 2009 Goals Revision (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix H 2009 Goals Revision.pdf)

This appendix contains a table illustrating how Dane County's goals for the 2009 plan update were revised from the 2004 plan.

Appendix I - Objective Prioritization Table (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix I Objective Prioritization Table.pdf)

This appendix contains a table of commonly used mitigation strategies utilized in Wisconsin, annotated with Dane County's planning team and citizen priorities.

Appendix J - Funding Sources (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix J Funding Sources.pdf) This appendix contains an explanation of existing program and funding sources available to Dane County and its jurisdictions that could be leveraged for funding hazard mitigation projects and programs.

Appendix K - References (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix K References.pdf) This appendix contains material referenced in the creation of the Plan.

Appendix L - Records of Adoption (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix L Records of Adoption.pdf)

This appendix contains the adoption records of this plan.

Multi-Jurisdictional Planning

The plan was prepared as a multi-jurisdictional plan. All 61 local units of government in the County were invited to participate in the planning process. The decision whether or not to participate in this process was a local decision, based on local community needs. Thirty-nine local governments have opted to participate in this effort.

Each of these municipalities has completed a local hazard assessment and has identified mitigation projects to be performed locally. You are also invited to review and comment on attachments to the County plan for these localities:

- Annex 1 City of Edgerton (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/City of Edgerton.pdf)
- Annex 2 City of Fitchburg (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/City of Fitchburg.pdf)
- Annex 3 City of Madison (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/City of Madison.pdf)



- Annex 5 City of Monona (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/City of Monona.pdf)
 - Belle Isle Flood-proofing Alternative Analysis (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/City of Monona-Belle Isle Floodproofing.pdf)
- Annex 6 City of Stoughton (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/City of Stoughton.pdf)
- Annex 7 City of Verona (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/City of Verona.pdf)
- Annex 8 Town of Albion (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Albion.pdf)
- Annex 9 Town of Berry (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Berry.pdf)
- Annex 10 Town of Cottage Grove (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Cottage Grove.pdf)
- Annex 11 Town of Dunn (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Dunn.pdf)
- Annex 12 Town of Madison (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Madison.pdf)



- Annex 13 Town of Middleton (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Middleton.pdf)
- Annex 14 Town of Montrose (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Montrose.pdf)
- Annex 15 Town of Oregon (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Oregon.pdf)
- Annex 16 Town of Pleasant Springs (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Pleasant Springs.pdf)
- Annex 17 Town of Primrose (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Primrose.pdf)
- Annex 18 Town of Roxbury (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Roxbury.pdf)
- Annex 19 Town of Springdale (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Springdale.pdf)
- Annex 20 Town of Springfield (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Springfield.pdf)
- Annex 21 Town of Sun Prairie (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Sun Prairie.pdf)
- Annex 22 Town of Vermont (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Vermont.pdf)
- Annex 23 Town of Verona (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Verona.pdf)
- Annex 24 Town of Vienna (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Vienna.pdf)
- Annex 25 Town of Westport (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Westport.pdf)
- Annex 26 Town of Windsor (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Windsor.pdf)
- Annex 27 Village of Blue Mounds (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Blue Mounds.pdf)
- Annex 28 Village of Brooklyn (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Brooklyn.pdf)
- Annex 29 Village of Cambridge (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Cambridge.pdf)
- Annex 30 Village of Cottage Grove (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Cottage
 Grove.pdf)
- Annex 31 Village of Cross Plains (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Cross Plains.pdf)
- Annex 32 Village of Dane (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Dane.pdf)
- Annex 33 Village of DeForest (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of DeForest.pdf)
- Annex 34 Village of Maple Bluff (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Maple Bluff.pdf)
- Annex 35 Village of Marshall (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Marshall.pdf)
- Annex 36 Village of McFarland (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of McFarland.pdf)
- Annex 37 Village of Oregon (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Oregon.pdf)

- Annex 38 Village of Shorewood Hills (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Shorewood Hills.pdf)
- Annex 39 Village of Waunakee (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Waunakee.pdf)

Opportunities for Input

Members of the community have a very important role in this process. Please visit our feedback page (mitigation_feedback.aspx) if you have any questions or comments that you would like to send.

Additional Resources

Resources for Participating Governments

- Wisconsin Emergency Management Hazards Mitigation Guide (http://danedocs.countyofdane.com/webdocs/PDF/ems/20031110_mitigation_guide.pdf) (859Kb)
- Preventing Wind Damage (http://danedocs.countyofdane.com/webdocs/PDF/ems/20031110_wind_damage.pdf) (2.42Mb)
- Hazard Mitigation Ideas (http://danedocs.countyofdane.com/webdocs/PDF/ems/20031110_mitigation_ideas.pdf) (237Kb)

Links

- Wisconsin Department of Emergency Management (http://emergencymanagement.wi.gov/)
- Federal Emergency Management Agency (http://www.fema.gov/)
- FEMA Mitigation Planning (http://www.fema.gov/plan/mitplanning/index.shtm)
- Midwest Regional Climate Center (http://mcc.sws.uiuc.edu/)
- Wisconsin State Climatologist (http://www.aos.wisc.edu/~sco/)
- National Weather Service (http://www.nws.noaa.gov/)
- Storm Prediction Center (http://www.spc.noaa.gov/)
- Local Weather Service Office (http://www.crh.noaa.gov/mkx/)

Emergency Management (/)

Government of Dane County (/)







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County Of Dane Office Of The County Executive

Joe Parisi County Executive

Contact: Stephanie Miller 608-267-8823

Public Invited to Attend Listening Sessions on Natural Hazards in Dane County

For the First Time Climate Change Will Be Factor for Plan

MADISON- Dane County Executive Joe Parisi announced that Dane County will convene a series of listening sessions to give people an opportunity to discuss concerns about natural hazards and disasters. Dane County is in the process of updating its natural hazard mitigation plan and is inviting public involvement and input. Local governments, businesses, and the public are encouraged to attend. On average, each dollar spent on mitigation saves society an average of \$4 in avoided future losses in addition to saving lives and preventing injuries.

Dane County is, for the first time, addressing the threat of natural hazards in light of the region's changing climate. The hazard planning will examine climate trends and determine their projected impacts on the natural hazards the plan addresses such as flooding and extreme heat. The inclusion of climate change factors in hazard analysis will ensure Dane County takes appropriate steps to protect its citizen's personal and economic safety through mitigation efforts that consider the changing threat of natural hazards.

"The forces of Mother Nature can strike quickly and the more we can do before disasters happen to reduce the potential for damages, the safer our citizens will be," said Dane County Executive Joe Parisi. "In recent years, record droughts, historic rains and sweltering heat have all impacted the personal and economic safety of our citizens. As our changing climate results in a growing number of extreme weather events, it's important we assess our climate change vulnerabilities and adapt."

Most people who live or work in Dane County have been affected by natural hazards in one way or another. Dane County residents are vulnerable to a variety of hazards including extreme temperatures, severe winter weather, tornadoes, and floods. These extreme weather events seem to be occurring more and more frequently, often with disastrous results.

Torrential rains and tornadoes cannot be prevented from occurring. Planning for natural hazards and implementing mitigation measures, however, can reduce the impact of such events when they do occur. Emergency response and recovery costs can be reduced. Property damage and monetary losses can be reduced. Personal injury and loss of life can be reduced. The economic and social impact on the community as a whole can be reduced.

Dane County Emergency Management will facilitate the public listening sessions. "These meetings will give people the opportunity to talk directly with County staff who have been working on the project and to review and comment on the initial findings of the planning process. We encourage people to attend, express their concerns, and have a voice in setting priorities and developing countywide and local hazard mitigation strategies," said Emergency Management Director Charles Tubbs.

The planning processes is a cooperative effort between the County and forty-one local jurisdictions within Dane County. Natural Hazard Mitigation Plans are important steps that communities take to assess the threat of various natural hazards in their area and make decisions on how to best limit the loss of life and property when the disasters occur.

The public input meeting meetings will be held in four communities:

City of Madison Tuesday, January 12th from 6:00 to 8:00 pm Madison Water Utility 119 E. Olin Avenue, Madison

Village of Cambridge Wednesday, January 13th from 6:00 to 8:00 pm Cambridge Village Hall 200 Spring Street, Cambridge

Town of Westport Thursday, January 14th from 6:00 to 8:00 pm Westport Town Hall 5387 Mary Lake Road, Westport

Town of Montrose Wednesday, January 20th from 6:00 to 8:00 pm Montrose Town Hall 1341 Diane Avenue, Montrose



Preparing for a natural disaster in Dane County

Published On: Jan 07 2016 07:33:08 AM CST



Dane County Executive Joe Parisi visits News 3 This Morning talk about how the county is preparing for the potential for natural disasters in the future.

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CNDI Editorial - 1-7-16 - Get involved, be heard

Posted: Thursday, January 7, 2016 9:00 am

One of the wonderful things about being an American is having the right to be involved with government. One of the most powerful ways we as Americans can make a difference is by taking our given right to vote when offered.

There are also some great opportunities at local levels to serve on local boards and help shape the communities where we live by the actions those boards make.

There will be an opportunity to help shape Dane County with your ideas on natural hazards when they offer their listening sessions over the next few weeks.

We are pretty lucky because one of these listening sessions will be held right in our backyard at the Cambridge Village Hall, offering easy access to anyone wanting to get involved.

Dane County is in the process of updating its natural hazard mitigation plan and wants the public's ideas about the threat of natural hazards in light of the region's changing climate.

They feel that adding climate change factors to their hazard analysis will "ensure Dane County takes appropriate steps to protect its citizen's personal and economic safety through mitigation efforts that consider the changing threat of natural hazards."

Natural hazards can't be avoided completely. Tornadoes and floods will come as Mother Nature sees fit to send them.

According to Dane County Executive Joe Parisi, "The forces of Mother Nature can strike quickly and the more we can do before disasters happen to reduce the potential for damages, the safer our citizens will be."

In recent years Dane County has had record droughts, historic rains and sweltering heat, and as Parisi said, "it's important we assess our climate change vulnerabilities and adapt."

That is why he is looking to the public for help in these listening sessions. He wants to hear about potential dangers that might be unknown to him or others and hear ideas that might help form the new county mitigation plan.

He will have four listening sessions - all will be open to the public. One of those sessions will be held in the Cambridge Village Hall, 200 Spring St., Wednesday, Jan. 13. All of the listening sessions run from 6-8 p.m.

Other sessions will be held in the City of Madison at the Madison Water Utility, 119 E. Olin Ave.,

CNDI Editorial - 1-7-16 - Get involved, be heard - Cambridge News / Deerfield Independent: Editorial

Madison Tuesday, Jan. 12; the Town of Westport at Westport Town Hall, 5387 Mary Lake Road, Westport on Thursday, Jan. 14; and a final session in the Town of Montrose at the Montrose Town Hall, 1341 Diane Ave., Montrose on Wednesday, Jan. 20.

It's a great way to get involved in the local government, share your ideas and be heard.

http://www.nsarrow.com/story/2016/01/07/community/a-chance-for-local-citizens-to-weigh-in-on-nat...



A chance for local citizens to weigh in on natural hazards and disasters

Dane County will convene a series of listening sessions to give people an opportunity to discuss concerns about natural hazards and disasters. Dane County is in the process of updating its natural hazard mitigation plan and is inviting public involvement and input.

Local governments, businesses, and the public are encouraged to attend. On average, each dollar spent on mitigation saves society an average of \$4 in avoided future losses in addition to saving lives and preventing injuries.

Dane County is, for the first time, addressing the threat of natural hazards in light of the region's changing climate. The hazard planning will examine climate trends and determine their projected impacts on the natural hazards the plan addresses such as flooding and extreme heat. The inclusion of climate change factors in hazard analysis will ensure Dane County takes appropriate steps to protect its citizens' personal and economic safety through mitigation efforts that consider the changing threat of natural hazards.

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Torrential rains and tornadoes cannot be prevented from occurring. Planning for natural hazards and implementing mitigation measures, however, can reduce the impact of such events when they do occur. Emergency response and recovery costs can be reduced. Property damage and monetary losses can be reduced. Personal injury and loss of life can be reduced. The economic and social impact on the community as a whole can be reduced.

Dane County Emergency Management will facilitate the public listening sessions. "These meetings will give people the opportunity to talk directly with

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The planning process is a cooperative effort between the county and 41 local jurisdictions within Dane County. Natural Hazard Mitigation Plans are important steps that communities take to assess the threat of various natural hazards in their area and make decisions on how to best limit the loss of life and property when the disasters occur.

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Cambridge Village Hall

200 Spring Street, Cambridge

Town of Westport

Thursday, Jan. 14 from 6 to 8 p.m.

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Westport Town Hall

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Town of Montrose

Wednesday, Jan. 20 from 6 to 8 p.m.

Montrose Town Hall

1341 Diane Avenue, Montrose

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Listening Session on Natural Hazards in Dane County

ISTHMUS PICK:



Save us, Joe Parisi! Concerned about climate change and impending natural disasters in Dane County? Come weigh in on the county's natural hazards mitigation plan at this listening session facilitated by Dane County Emergency Management.

press release: Dane County Executive Joe Parisi announced that Dane County will convene a series of listening sessions to give people an opportunity to discuss concerns about natural hazards and disasters. Dane County is in the process of updating its natural hazard mitigation plan and is inviting public involvement and input. Local governments, businesses, and the public are encouraged to attend. On average, each dollar spent on mitigation saves society an average of \$4 in avoided future losses in addition to saving lives and preventing injuries.

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TONY CASTANEDA LATIN JAZZ SEXTET

Jan 7, 2016 6:00 PM - 8:00 PM Overture Center-Overture Hall Lobby

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WISCONSIN HIP-HOP FEST

Jan 7, 2016 8:00 PM Majestic Theatre

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Isthmus Wisconsin Fests at the Majestic Theatre Our annual "Wisconsin Fest" series now includes 6 unique genres: Hip-Hop, Folk,

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1/7/2016

Listening Session on Natural Hazards in Dane County - Isthmus | Madison, Wisconsin

Wednesday, January 20th from 6:00 to 8:00 pm, Montrose Town Hall, 1341 Diane Avenue, Montrose

Dane County is, for the first time, addressing the threat of natural hazards in light of the region's changing climate. The hazard planning will examine climate trends and determine their projected impacts on the natural hazards the plan addresses such as flooding and extreme heat. The inclusion of climate change factors in hazard analysis will ensure Dane County takes appropriate steps to protect its citizen's personal and economic safety through mitigation efforts that consider the changing threat of natural hazards.

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EVENT CATEGORY Public Meetings, Environment, Isthmus Picks

Visit Event Website

PHONE 608-266-4114

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February 6th - Clean Lakes Alliance Frozen Assets Fundraiser at The Edgewater

February 20th - Distill America at Edgewater

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June 24th-June 26th - PGA TOUR Champions: American Family Insurance Championship at University Ridge Golf Course

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Dane County to hold listening sessions on natural hazards

Submitted by admin on Tue, 01/19/2016 - 00:06

Session scheduled for Wednesday in Town of Montrose

By: Scott De Laruelle

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If you go What: Dane County natural hazards listening session When: 6-8 p.m. Wednesday, Jan. 20 Where: Montrose Town Hall, 1341 Diane Avenue, Montrose Info: 266-4114

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According to a press release from Dane County Executive Joe Parisi's office last week, county officials are updating the plan, and are encouraging members of local government, businesses and the public to attend one of four meetings around the county in January. The meetings – a first for the county – have been set up "in light of the region's changing climate," according to the press release.

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Submitted by admin on Tue, 01/19/2016 - 12:06am

Session set for Wednesday will allow residents to

discuss concerns

By: Scott De Laruelle

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It's not usually something people want to talk about, but later this month, they'll have a chance all the same.

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Public Invited to Attend Listening Sessions on Natural Hazards In Dane County

For the First Time, Climate Change Will Be Factor for Plan

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Public Listening Sessions

Meeting Location and Times:

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- January 14: Town of Westport, Town Hall, 5387 Mary Lake Road, 6:00-8:00 pm.
- January 20: Town of Montrose, Town Hall, 1341 Diane Avenue, 6:00-8:00 pm.

AGENDA

- 1. Welcome
- 2. Presentation Hazard Mitigation Plan Overview
- 3. Presentation Hazard Mitigation and Climate Change
- 4. Facilitated Discussion
- 5. Questionnaire
- 6. How to stay involved/next steps









June, 2008 Regional Flood Impact: Presidential Disaster Declaration 31 Counties in Wisconsin, including Dane County Losses in Dane County total more than \$35 Million







"I see failure of roof anchoring...the plywood/OSB wood panels were probably not very well anchored to the trusses, beyond the usual nailing...and those air guns do miss the trusses when shooting the nails from time to time. Therefore, once the wind managed to penetrate the attic...the attic was pressurized...and out and up blew the roof pieces. I also noticed there wasn't any window damage, nor were the bushes affected, and the siding was still intact. So the bark was worse than the bite. In order to go with an EF2 ranking I would need to see the roof trusses gone, and more structural damage to the windows and siding and bushes and trees. Therefore I can only go with an EF1 ranking...and winds about 90 mph....and even then I have some doubts.

It's interesting...for perhaps an extra \$1000 to \$2000....one can have the carpenters add a bunch of extra metal brackets, plates, and other anchoring devices to all places where wood meets wood....and this will make a home more wind-resistant. Had the home owners (of the homes in the pictures you sent me) done this from the getgo...the damage I see in the pictures would have been minimal. Boy...would I love to address this issue to large crowds....including the construction industry....I've been surveying tornado and wind damage for 17 years...so I've seen it all. " Rusty Kapela, Tornado Damage Assessment June 7, 2008 EF-1 Tornado City of Stoughton/Town of Pleasant Springs Minor damage – 45 Homes Major Damage – 3 Homes + 1 Church Destroyed – 1 Tobacco Shed





Warning Coordination Meteorologist, National Weather Service



Integrating Climate Change and Natural Hazard Mitigation in Dane County



Natural Hazard Mitigation Planning

The natural hazard mitigation planning process involves assessing the risk of natural hazards affecting a given area and finding ways to limit their impact when they do occur. The threat that natural hazards pose is thought of through *risk*. Risk is determined by analyzing both the natural hazard itself, and the community's vulnerability to that natural hazard.



Fig. 1. Factors involved in determining natural hazard risk

While there is no way to stop a natural hazard from occurring, the danger they pose to life and property can be lessened through proper planning. Figure 2 below shows the process natural hazard mitigation planning follows.

TASK 1	Determine the Planning Area	TASK 4	Review Community Capabilities	TASK 9	Create a Safe and Resilient Community
	and Resources	TASK 5	Conduct a Risk Assessment		
TASK 2	Build the Planning Team	TASK 6	Develop a Mitigation Strategy		
TASK 3	Create an Outreach Strategy	TASK 7	Keep the Plan Current		
			Reading and Advertising Direct		

Fig. 2. Planning process for natural hazard mitigation plans according to the FEMA Local Mitigation Planning Handbook, 2013.

Former iterations of natural hazard mitigation plans have assessed risk by examining the events of the past. By looking at the magnitude of these events, and the frequency with which they occurred, a determination could be made as to how likely such an event was to occur again.

Recognizing that in a changing climate, this method may no longer be sufficient for determining the risk natural hazards pose, Dane County is for the first time incorporating climate change into its risk assessment and mitigation strategies.

Climate Change in Wisconsin

Climate change will have many effects on Wisconsin. The Wisconsin Institute for Climate Change Impacts (WICCI) has modeled how the State's climate may change in the coming decades. While these projections cannot say exactly what the climate will be like in the future, they can give a fairly good idea of the types of changes that should be expected. In general, Wisconsin can expect to experience warmer conditions and wetter conditions, especially in the winter.



Fig 3. From the 2011 WICCI Report, the maps above show expected average temperature changes in Winter and Summer

Changing Climate, Changing Risks

Risk assessment in a changing climate involves assessing how both natural hazards and the community's vulnerability to those hazards might change. Through working with WICCI and the Building Resilience Against Climate Effects (BRACE), the Natural Hazard Mitigation Planning Team has identified general ways in which natural hazard risk may increase in Dane County. Note that these projections are not centered on what *will* happen, but rather on the *changing likelihood* of an event's occurrence. Hazards that are likely to increase in Dane County include:

Flooding

- Extreme Heat
- Winter Storms Including Ice Storms

These hazards are not alone in being affected by climate change, but are being focused on due to their projected risk increase for Dane County and because of the severity of the secondary hazards that can occur in a natural hazard event. Secondary hazards are those that occur as a result of the primary hazard. For example, in a flood event, erosion may occur and standing water after the event could foster vector-borne diseases, both severe hazards. but not the orimary cause of the hazardous situation.



The figures above are taken from the 2011 WICCI Report illustrate projected changes in extreme weather situations. Figure 4 shows the projected change in days per year in which the temperature rises above 90 ° F. Note that for Dane County, residents can expect an increase of 24-26 days by 2055 over the number experienced in 1980.

Figure 5 shows the increase in frequency of heavy rainfalls that can be expected across two time frames. Each bar in the graph is color coded to show the level of rainfall. There are three of each color in each time frame, which represent three different carbon input scenarios. The furthest to the left for each color set is the lowest carbon emissions scenario, while the furthest to the right is the highest carbon emissions scenario. Across all scenarios, the amount of heavy precipitation days are expected to increase.

The risk associated with these changes depends on the hazard. More extremely hot days will impact populations that are vulnerable to heat. This is a public health risk that the plan is seeking to mitigate.



Fig. 6. A harmful algae bloom in Lake Kegonsa Photo Credit: Wisconsin State Journal

Increasing heavy rainfalls will impact the entire population, infrastructure, and the environment. When a large amount of rain falls in a short amount of time, the ground does not have enough capacity to allow all of the rain to infiltrate and runoff occurs. This can cause street flooding in urban areas if storm sewers are overwhelmed and can have detrimental effects on soils, streams, and farm fields in rural areas.

The increasing risk of flooding also leads to increased secondary hazard risk. In the case of flooding, more runoff carries more nutrients from urban and rural areas to Dane County lakes, which can lead to increased harmful algae blooms. Flooding in basements can also cause mold and other environmental health concerns.

Mitigating Hazards to Adapt for the Future

As climate change alters the risk of natural hazards, the ways in which hazards are mitigated may change as well. While WICCI and other groups can supply probabilities for how the climate will change to give general trends that can be expected, exact numbers are difficult to project. This can make large-scale project planning and engineering problematic, if not impossible, as project size and costs cannot be precisely planned for. Yet, mitigating against future climate effects to adapt to changing conditions is necessary.

While large-scale publically funded projects may not currently be feasible based solely on climate projections, multiple smaller scale projects to guard against current and future risk of natural hazards may be even more beneficial in terms of both individual property protections and in mitigating the effects of natural hazards on the community as a whole.





Photo Credit: City of Madison





Fig. 9. Shade trees in an urban neighborhood Photo Credit: Cambridge Tree Project

Fig. 10. Rain-barrels outside a home. Photo Credit: Buildipedia

The images above show a small sampling of individual mitigation actions that can be taken. Rain gardens increase infiltration and keep rainwater out of the storm sewer system. Rain barrels also aid in this and allow for water storage until dry times. Hurricane clips on roofs can protect homes against wind storms and small tornadoes. Effective urban forestry can mitigate urban heat effects, lower electric bills, and aid in stormwater management. All are small actions that can protect individual homes and when taken collectively can increase a community's protection against a changing natural hazard risk.





Please complete this questionnaire.

Answer each question about yourself or your household. Put an X in the box for your answer. Your answers will be helpful in determining risks and potential options for mitigation actions.

Risk	Factors	Yes	No	Don't Know
1.	Is your home located in mapped flood hazard area (floodplain)?			
2.	Is your home located in or near an area with soils classified as hydric soil types?			
3.	Do the storm drains on your street ever get clogged or back-up during rain storms?			
4.	Does your street fill with water during heavy rain storms?			
5.	Has your neighborhood experienced flooding in the past?			
6.	Are there older trees in your yard that could potentially lose heavy branches during storms?			
7.	Are there older trees in your neighborhood that could potentially lose heavy branches during storms.			
8.	Does your home have rain gutters and downspouts?			
9.	Does water ever pond in your yard after a heavy rain storm?			
10.	Do you live in a manufactured home (aka mobile home)?			
11.	Does your home have a basement or other shelter during a storm?			
12.	Do you or does anyone in your household rely on electrical power for life- sustaining medical equipment?			
13.	Do you or does anyone in your household relay on a care giver for assistance with activities of daily living?			

Pas	st History	Yes	No	Don't
				Know
1.	Has your home ever been damaged by floodwater?			
	If yes:			
	a) Was there more than 2 feet of water in the basement?			
	b) Was the water above the first floor?			
	c) Were essential household utilities (furnace, water heater, etc.) damaged or destroyed?			
	d) Was there structural damage to your home?			
2.	Have you ever had sewage back-up into your basement during a rain storm?			
3.	Have your home ever been hit by lightning or affected by a power surge that caused damage to household electronics?			
4.	Have you ever had hail damage to roofing or siding?			
5.	Have you ever had wind damage to your home?			
	If yes, to what extent?			
	a) Minor roofing and/or siding damage			
	b) Significant roofing and/or siding damage, broken windows			
	c) Structural damage to walls			
6.	Have you ever experienced a long-term (greater than 24 hours) power outage?			



Pers	onal and Household Preparedness	Yes	No	Don't Know
1.	Do you have a weather radio or other method of receiving severe weather warnings? If yes, what do you have?	-		
2.	Do you have working smoke alarms in your home?			
	If battery operated, do you replace the batteries on a routine basis?			
3.	Do you have a carbon monoxide detector in your home?			
4.	Do you have a back-up electrical power source for use in the event of a power outage?			
5.	Do you have homeowners or renters insurance?			
6.	Do you have flood insurance?			
7.	Do you have access to a landline phone or other alternate means of communication in the event your cell phone does not work?			
8.	Do you have an emergency preparedness kit?			
9.	Do you have a supply of food and water that could be used in an emergency?			
10.	Do you have shade trees in your yard?			

	Id you consider implementing any of the following mitigation measures our home or on your property?	Yes	No	Maybe	Already Have
1.	Buy (and use) a weather alert radio				Have
2.	Install a sewer backflow prevention device				
3.	Buy flood insurance				
4.	Raise household utilities in the basement				
5.	Install lightning surge protection and grounding system				
6.	Plant a rain garden				
7.	Install a cistern or rain barrel				
8.	Trim or remove potentially hazardous trees				
9.	Plant shade trees				
10.	Install and maintain stormwater drainage around your home (e.g.				
11.	grading, gutters, downspouts, etc.) Install hail resistant roofing materials when re-roofing your home				
12.	Install tie-down straps (aka "hurricane clips") to strengthen wind damage resistance				
	If you checked "Maybe" for any of the options above, what would your decision depend on?				
	 a) I need more information on what would be involved in taking this action. 				
	b) Cost				
	c) Available incentives				
	d) Technical advice or assistance				
	 e) I would need convincing that it would actually make a difference. 				
	f) Maintenance considerations				



Please complete this questionnaire. We would like your opinion and input on a variety of possible approaches to managing natural hazards in Dane County. Your answers will be helpful in determining strategies and potential options for mitigation actions.

General Thoughts and Concerns

1.	Please indicate your level of concern with the following issues that could impact the community in the future?		Not at all concerned	Slightly concerned	Somewhat concerned	Very concerned	Extremely concerned
	a.	Flooding					
	b.	Drought					
	C.	Tornadoes and Severe Weather					
	d.	Temperature Extremes					
	e.	Invasive plant and animal species					
	f.	Algal blooms in the lakes					
	g.	Impacts of climate change					
	h.	Government action taking away private property rights					
	i.	Poorly planned development or urban sprawl					
	j.	Increasing county and local taxes					
	k.	Quality of life for future generations					

2. Are there specific issues or problem areas that you think should be addressed in the County's Natural Hazards Mitigation Plan?

3.		what extent do you agree or disagree with the tements below?	Strongly agree	Somewhat agree	Somewhat disagree	Strongly disagree	Not sure
	a.	Climate change poses a potentially catastrophic danger to future generations.					
	b.	Uncertainty of the impacts of future extreme weather events should be addressed by preparing for the worst-case scenario.					



Dane County Natural Hazard Mitigation Plan Mitigation Strategy Questionnaire

- 3. Continued, To what extent do you agree or disagree with the statements below?
 - c. Uncertainty of the impacts of future weather events should be addressed by preparing for the best-case scenario.
 - d. Decisions related to uncertainty of the impacts of future extreme weather events should be deferred until data is more reliable and accessible.
 - e. Uncertainty related to the impacts of future extreme weather events is exaggerated and should not be a factor in our current decision-making.
 - f. Regulations to protect the environment or reduce the impact of natural hazards should not limit personal freedom or property rights.
 - Present day actions should not compromise the ability of future generations to meet their own needs.
 - h. Taxes and regulation are the price we pay to live in a civilized society.
 - k. Government action interferes far too much in our everyday lives, it is not the government's business to protect people from themselves.

Hazard Mitigation Plan Underpinnings

- Please rank these possible broad underpinnings of the County's hazard mitigation plan strategy. How important is it to you that the plan be based on the following concepts?
 - Sustainability The plan should describe and implement practices that will increase the long-term sustainability of natural resources and social and economic systems in Dane County, even if that requires additional government action and the potential for restriction of some property development rights.
 - Resilience The plan should describe actions taken to strengthen critical infrastructure and social systems in order to make the whole community less vulnerable to future disasters, even if those actions require government expenditures.

r	Strongly agree	Somewhat agree	Somewhat disagree	Strongly disagree	Not sure
eather ng for					
impacts uld be l					
uture d and ecision-					
t or hould rights.					
omise et their					
bay to					
nuch in ment's					

Strongly favor	Somewhat favor	Somewhat oppose	Strongly oppose	Not sure



- 4. Continued, Please rank these possible broad underpinnings of the County's hazard mitigation plan strategy. How important is it to you that the plan be based on the following concepts?
 - c. Resource Stewardship Natural resources should be considered as a valuable resource rather than a problem. The plan should promote good stewardship of these resources. Good stewardship will preserve these resources for future generations. Poor stewardship will lead to ever increasing hazards.
 - d. Personal Freedom Personal freedom is essential to a free society. Government regulatory action should be minimized or eliminated completely, even if this means accepting the potential for increased risk of future disaster losses and costs.
 - e. Personal Responsibility The plan should recognize that along with personal freedom comes personal responsibility. Individuals are ultimately responsible for the consequences of their actions or inactions. The plan should serve as a resource for people and a guide for private action. Government spending on projects should be minimized or eliminated completely, even if this means continued disproportionate disaster impacts on vulnerable populations.
 - f. Property Rights The plan should recognize that private property owners have the right to develop and build on their property as they see fit. Government regulation should not restrict this right in any way, even if this leads to the potential for neighbors or other residents to be negatively affected by the consequences of private development.
 - g. "No Adverse Impact" The action of one property owner or community should not increase the flood risk of other property owners or communities. Potential impacts should mitigated through community or watershed planning or other actions.
 - Climate change is leading to increased seasonal variability and increased potential for extreme weather events. These implications must be considered in the plan, even if it means acting on uncertain or incomplete information.

	Strongly favor	Somewhat favor	Somewhat oppose	Strongly oppose	Not sure
•					
f					
C					
r					



5. Please describe other general principles on which the plan should be based.

Hazard Mitigation Strategies

6. Please indicate your level of support for these possible strategies to reduce the impacts of natural hazards and disasters in Dane County:

- a. Partnerships Establishment of public-private partnerships is central to the County's hazard mitigation strategy. Governments, businesses, community service agencies, and residents all have a stake in reducing our vulnerability to natural hazards.
- b. Regulatory Action The County should use regulatory tools at its disposal to decrease natural hazard risks. Regulatory actions are a powerful tool that can be used to eliminate harmful or unwise actions by citizens that would likely cause damage to their property and the property of others
- c. Individual Action There are many things that residential property owners can do to protect their homes and buildings from the effects of natural hazards. Dane County's role in this process is as a facilitating and coordinating entity.
- Intergovernmental Coordination The County's primary role should be to facilitate and coordinate solutions to multi-jurisdictional issues that involve government, citizens, stakeholders, and policy-makers at all levels.
- e. Project and Action Based These broad concepts are all well and good, but the plan should be action based. The plan should identify and fund specific projects to reduce losses, damages, and vulnerabilities.

Strongly oppose	Somewhat oppose	Neither oppose nor support	Somewhat support	Strongly support



- 6. Continued: Please indicate your level of support for these possible strategies to reduce the impacts of natural hazards and disasters in Dane County:
 - f. Do Nothing Taking no action should always be considered as an alternative when evaluating potential solutions to a problem.
 - g. Other. Please describe other general strategies that could be used to reduce the impacts of natural hazards and disasters in Dane County. You can also use this space to comment on the concepts described above.

s	Strongly oppose	Somewhat oppose	Neither oppose nor support	Somewhat support	Strongly support



Dane County Emergency Management is in the process of updating the County's Natural Hazards Mitigation Plan. Hazard mitigation is intended to reduce the impacts of natural disasters on our communities. Obviously, we cannot prevent torrential rains and tornadoes from occurring. Planning for natural hazards and implementing mitigation measures, however, can reduce the impact of such events when they do occur. Monetary losses can be reduced. Personal injury and loss of life can be reduced. The economic and social impact on the community as a whole can be reduced. Hazard mitigation works, and is most effective when based on a comprehensive long-term plan that is developed before a disaster occurs.

These listening sessions are intended to provide a forum for people to discuss their ideas on how these issues should be addressed in Dane County. We will have an opportunity to discuss specific issues, concerns, and ideas. We would also like to have a discussion about the underlying philosophies and strategies that will be the basis for the County's hazard mitigation plan.

As we discuss these issues together, you will undoubtedly think of questions or considerations that are at the heart of what makes these issues compelling.

Meeting Agenda

- Welcome (5 minutes)
- Presentation Hazard Mitigation Plan Overview (Janda 15 minutes)
- Presentation Hazard Mitigation and Climate Change (Rynish 15 minutes)
- Facilitated Discussion (1 hour)
- Questionnaire (15 minutes)
- Wrap Up and Next Steps (5 minutes)

Role of the Facilitator:

- To provide an overview of the discussion process.
- To ask probing questions about the underlying ideas and opinions related to natural hazards management and mitigation.
- To encourage participants to direct their questions and responses to one another.
- To remain neutral.

Ground Rules:

- Everyone is encouraged to participate; no one or two individuals should dominate
- One speaker at a time
- Listen to learn and understand; this is not a debate
- Stay on task



- Differing points of view are valid and should be considered fairly
- Stay positive
- Acknowledge the downside of your position
- Others?

Meeting Process:

- 1) Appoint a recorder and reporter for the group (Phil and Dave, unless the group is too big. Then we'll divide up. Charles and J will take a second group)
- 2) Give an overview and go over the ground rules.
- 3) Complete the Risk Assessment Questionnaire (should take about 5 minutes)
- 4) Introduce the Mitigation Strategy Questionnaire go through it quickly, summarize the questions. We'll come back to this at the end.
- 5) Introduce the Mitigation Ideas worksheet. This will be the general format for the rest of the discussion.
- 6) Ask the questions (next page) and facilitate the discussion.
- 7) Complete the Mitigation Ideas and Mitigation Strategies questionnaires.
- 8) Wrap up and next steps.



Facilitator Cheat Sheet

- 1. Are there specific issues or problem areas that you think should be addressed in the County's Natural Hazards Mitigation Plan?
 - a. How has this affected you personally?
 - b. Are others affected? If so, how?
 - c. Why is this a concern for you?
 - d. How would you define this problem in general terms?
- 2. What specific actions do you think the County should take to reduce the long-term vulnerability to natural hazards and disasters?
 - a. What do you think should be done?
 - b. Who should be responsible for implementing this idea?
 - c. What would happen if nothing were done?
 - d. What would be the desired outcome of the proposed action?
 - e. Does the solution fit the circumstances?
 - f. Does this fit with an over-all strategy or guiding principle?
 - g. What do you think would be the advantages or benefits of the proposed actions?
- 3. What to you think would be the disadvantages of the proposed actions?
 - a. Are there negative or undesirable implications?
 - b. Is there a downside?
 - c. What could go wrong?
 - d. What are the constraints and costs of the proposed solution? Social, political, special interests, legal, technical, cost, etc?
 - e. Is this a win-win solution or a win-lose solution? Who or what loses? How and why?
- 4. How should the advantages and disadvantages be balanced?
 - a. What principle would guide the decision?
 - b. What further input or information is needed?
 - c. Should the idea be modified?
 - d. Can the disadvantages be mitigated? If so, how?
- 5. How should unknowns and uncertainty be managed in the context of changing climate and changing weather patterns?
 - a. We have to act (or not) in the face of unknowns and uncertainty about the future and future conditions, what principles should guide this decision-making?
 - b. Use changing 100-yr flood risk as an example if this question is too abstract.
 - c. How do we use theoretic projections in a practical, concrete way?
 - d. What general policy should guide this?



Hazard Mitigation Action Ideas

1. Are there specific issues or problem areas that you think should be addressed in the County's Natural Hazards Mitigation Plan?

2. What specific actions do you think the County should take to reduce long-term vulnerability to natural hazards and disasters?

3. What do you think would be benefits and advantages of the proposed action?

4. What do you think with be the disadvantages or limitations of the proposed action?

5. How should the advantages and disadvantages be balanced?

6. Please include your contact information if you would like to stay involved in the Natural Hazards Mitigation planning process:

Public Involvement Materials

April 2016 Public Meeting

Meeting agenda

B-65



Public Listening Session

Meeting Location a	nd Time:		

April 20, 2016: Blue Mounds Village Hall, 11011 Brigham Avenue 6:00-8:00 pm.

AGENDA

- 1. Welcome
- 2. Hazard Mitigation Plan Overview
- 3. Facilitated Discussion
- 4. Questionnaire
- 5. How to stay involved/next steps

Public Involvement Materials

April 2017 Public Meetings

Website

Press release with local news coverage samples

Email invitation to stakeholders.

Meeting agenda.

Survey forms

B-67



(/)

Dane County Natural Hazard Mitigation Plan

Public Safety Building RM 2107 115 W Doty St Madison, WI 53703-3202 Phone: (608) 266-4330 Fax: (608) 266-4500 TTY: Wisconsin Relay 711

Plan Update

Dane County Emergency Management is updating the County's Natural Hazards Mitigation Plan.

In this update cycle, Dane County will address the threat of natural hazards in light of the region's changing climate. The plan will examine climate trends and determine their projected impacts on natural hazards such as flooding and extreme heat. The inclusion of climate change factors will ensure Dane County takes appropriate steps to protect its citizens' personal and economic safety, now and for future generations.

Public Listening Sessions

Public involvement essential to the planning process. We encourage people to express their concerns. This is your opportunity to have a voice in setting priorities and developing countywide and local hazard mitigation strategies.

Listening Sessions will be held in four locations:

Madison

Monday, March 27th from 6:00 to 7:30 pm City-County Building, Room 354 210 Martin Luther King, Jr. Boulevard, Madison

Verona

Tuesday, March 28th from 6:30 to 8:00 pm Badger Prairie Health Care Center – Auditorium 1100 East Verona Avenue, Verona

Sun Prairie

Wednesday, March 29th from 6:30 to 8:00 pm Sun Prairie Public Library - Community Room 1350 Linnerud Drive, Sun Prairie

Cross Plains

Thursday, March 30th from 6:30 to 8:00 pm Rosemary Garfoot Public Library – Community Room 2107 Julius Street, Cross Plains If you need an interpreter, translator, materials in alternate formats or other accommodations to access this program, please call Dane County Emergency Management at 608-266-4330 at least three business days prior to the meeting.



Floodplain and Stormwater Management



Hurricane clips on roof trusses





Shade trees in an urban neighborhood

A draft of the County's updated mitigation strategy is available here (https://em.countyofdane.com/pdf/2015-16UpdateMitigationGoalsandObjectives_Draft.pdf).

Please contact Dane County Emergency Management

(mailto:emergencymanagement@countyofdane.com) if you have any questions or would like to become involved in the plan update.

What is Hazard Mitigation?

The Federal Emergency Management Agency (FEMA) defines hazard mitigation as, "any sustained action taken to reduce or eliminate long-term risk to life and property from natural hazards." Another way to understand hazard mitigation is as the prevention component of the emergency management process.

 Preparedness activities are the emergency plans, training, drills, and exercises that individuals, communities and first responders participate in on almost daily basis. These are things done to get ready for an emergency or disaster before it happens.



Emergency Management Cycle

- Response is the short-term, emergency actions taken to address the immediate impacts of a hazard.
- Recovery is the longer-term process of restoring the community back to normal or predisaster conditions.
- Mitigation activities are actions that will prevent or eliminate losses, even if an incident does occur. Mitigation can reduce or eliminate the need for an emergency response and greatly reduce the recovery period.

This may sound complicated, but we all do many of these things on a daily basis. Consider the example of a family taking their car on a road trip in the winter months. Examples of the hazards of highway travel might include vehicle breakdown, inclement weather, or a traffic crash.

- Preparedness activities would include purchasing auto insurance and keeping the policy current, maintaining the vehicle so it is in good operating condition, bringing warm clothes, jumper cables, and a shovel, and having a cell phone on the trip.
- Response activities might include putting on the warm clothes and using the cell phone to call for towing service if the vehicle breaks down or calling 911 if involved in crash.
- Recovery would be getting the vehicle repaired and back on the road after a breakdown or crash.
- Mitigation would be assuring that everyone in the vehicle wears their seatbelt while the vehicle is in motion. This is a specific action to assure that if a crash does occur, the occupants of the vehicle are protected and their risk of serious injury is reduced. Another example would be to cancel or postpone the trip if hazardous winter weather is imminent. This action would eliminate exposure to the risk altogether.

These same concepts apply to community level hazard mitigation planning. Mitigation planning is a process for county and local governments to identify community-level policies and actions that will reduce the impacts of natural hazards.

Why is Natural Hazard Mitigation Important?

Most people who live or work in Dane County have been affected by natural hazards in one way or another. Dane County and its residents are vulnerable to a variety of hazards including extreme temperatures, severe winter weather, tornadoes, and floods. These extreme weather events seem to be occurring more and more frequently, often with disastrous results. In fact, many experts believe that the heavy rains, strong thunderstorms, and tornadoes that struck the upper Midwest in the summer of 2008 are a sign of the future trends. The frequency and severity of future weather extremes is difficult to predict, but the trend seems clear. Six of the fourteen federal disasters declared for Dane County have occurred in the last ten years. In fact, according to National Weather Service records, eight of the ten most costly weather events to affect Dane County have occurred since 2000. Combined, these ten events alone account for an estimated \$181* million in property damage, crop loss, and governmental response and infrastructure repair costs.

Data	Event	Property Damage Crop Los	ss Total
Date	Event	(\$ Million) (\$ Million)	n) (\$ Million)

June, 1993	Flood	\$12.6	\$10.0	\$22.6
May, 1998	Severe Storms	\$3.1	\$0.15	\$3.3
June, 2000	Flood	\$6.1	\$3.2	\$9.3
Summer, 2002	Drought	\$0	\$4.4	\$4.4
June, 2004	Tornado	\$1.5	\$0	\$1.5
August, 2005	Tornado	\$34.3	\$.75	\$35.1
May, 2006	Hail	\$5.6	\$0	\$5.6
July, 2006	Flood	\$10.0	\$0	\$10.0
August, 2007	Flood	\$6.8	\$5.0	\$11.8
June, 2008	Severe Storms and Flooding	\$13.5	\$64.4	\$77.9
	Total	\$93.5	\$87.9	\$181.5

As dramatic as these figures are, they do not tell the whole story of damages caused by natural hazards in Dane County. In addition to these large events, almost every year there are smaller, isolated weather events that cause localized property damage and losses significant to the people affected.

* Loss estimates provided by the National Oceanic and Atmospheric Administration (NOAA) National Climatic Data Center.

Hazard Mitigation Plan

The rising costs associated with disaster response and recovery have focused the attention of federal, state, and local governments on addressing natural hazards before they occur. Obviously, torrential rains and tornadoes cannot be prevented from occurring. Planning for natural hazards and implementing mitigation measures, however, can reduce the impact of such events when they do occur. Emergency response and recovery costs can be reduced. Property damage and monetary losses can be reduced. Personal injury and loss of life can be reduced. The economic and social impact on the community as a whole can be reduced.



In 2005, Dane County and thirteen local units of government within the county collaborated in a planning effort to develop a Natural Hazard Mitigation Plan. The plan was prepared by the county's Department of Emergency Management under the direction of County Executive Kathleen Falk and the County Board's Public Protection and Judiciary Committee. The flood-related elements of the hazard mitigation plan were developed in 2004 through a separate process.

These plans were updated and combined in 2009, building off of the framework of the previous versions. Information in this plan will be used to help guide and coordinate mitigation activities and decisions for local land use policy in the future. Proactive mitigation planning will help reduce the cost of disaster response and recovery to the community and its property owners by protecting critical community facilities, reducing liability exposure, and minimizing overall community impacts and disruption. The plan is intended as a plan of



action, identifying a wide range of options to reduce the county's vulnerability to natural hazards – before the next disaster occurs.

The plan is divided into 6 chapters, 13 appendices, and 39 annexes as follows:

Executive Summary and Table of Contents

(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Executive Summary and TOC.pdf)

Chapter 1 - Introduction (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Dane County Chapter 1 Introduction.pdf)

This chapter contains background information regarding the planning scope and federal planning requirements.

Chapter 2 - Planning Process

(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Dane County Chapter 2 Planning.pdf)

This chapter describes the planning process used to develop a hazard mitigation strategy including how local units of governments, stakeholder groups, and members of the public were involved.

Chapter 3 - Dane County Profile

(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Dane County Chapter 3 Profile.pdf)

This chapter contains background information and a profile of Dane County, including geographic and demographic information.

Chapter 4 – Risk Assessment

(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Dane County Chapter 4 Risk Assessment.pdf)

This chapter describes the threat of 13 natural hazards – dam failure, drought, flood, fog, hail, landslide/sinkholes/erosion, lightning, severe cold, severe heat, severe winter storm, tornado, wildfire, and windstorms. This chapter has four sections. The Hazard Identification section explains how the natural hazards were chosen to be profiled in this plan. The Hazard Profiles describes the nature of and major impacts of these hazards. The Vulnerability Summary lists the overall property, populations, and critical facilities exposed to the hazards. Finally the Capability Assessment
describes those plans, policies and procedures that the County has already in place to mitigate hazard impacts.

Chapter 5 – Mitigation Strategy

(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Dane County Chapter 5 Mitigation Strategy.pdf)

This chapter describes the goals, objectives, and actions that Dane County will take to mitigate the hazards as described in Chapter 4, and the process used to review, select and prioritize viable mitigation alternatives.

Chapter 6 – Plan Implementation and Maintenance

(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Dane County Chapter 6 Plan Implementation and Maintenance.pdf)

This chapter describes the plan adoption process, how the plan will be implemented, maintained and updated every 5 years in compliance with federal planning regulations.

Appendix A - Mitigation Objectives

(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix A Mitigation Objectives.pdf)

This appendix contains the detailed action steps regarding how Dane County will implement the recommendations of this plan, and ultimately make progress towards meeting the plan's goals.

Appendix B - Mitigation Alternatives in Dane County

(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix B Mitigation Alternatives in Dane County.pdf)

This appendix contains background and reference information on mitigation strategies, and the common alternatives that could be used in Dane County.

Appendix C - Plan Participants

(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix C Plan Participants.pdf)

This appendix contains the list of all Hazard Mitigation Planning Committee members and their contact information.

Appendix D - Planning Process Documentation

(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix D Planning Process Documentation.pdf)

This appendix contains materials that document the planning meetings, public meetings, and other activities that occurred during the development of this plan.

Appendix E - Public Participation Plan

(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix E Public Participation Plan.pdf)

This appendix contains a separate plan used to involve the public during the creation of this plan.

Appendix F - Public Workshop Questionnaire

(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix F Public Questionnaire.pdf)

This appendix contains the public workshop questionnaire used to gather input from the public regarding hazard issues and priority hazard mitigation strategies in Dane County.

Appendix G - Critical Facilities Map

(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix G Critical Facilities Maps.pdf)

This appendix contains maps of the critical facilities within Dane County.

Appendix H - 2009 Goals Revision

(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix H 2009 Goals Revision.pdf)

This appendix contains a table illustrating how Dane County's goals for the 2009 plan update were revised from the 2004 plan.

Appendix I - Objective Prioritization Table

(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix I Objective Prioritization Table.pdf)

This appendix contains a table of commonly used mitigation strategies utilized in Wisconsin, annotated with Dane County's planning team and citizen priorities.

Appendix J - Funding Sources

(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix J Funding Sources.pdf)

This appendix contains an explanation of existing program and funding sources available to Dane County and its jurisdictions that could be leveraged for funding hazard mitigation projects and programs.

Appendix K - References

(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix K References.pdf) This appendix contains material referenced in the creation of the Plan.

Appendix L - Records of Adoption

(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Appendix L Records of Adoption.pdf)

This appendix contains the adoption records of this plan.

Multi-Jurisdictional Planning

The plan was prepared as a multi-jurisdictional plan. All 61 local units of government in the County were invited to participate in the planning process. The decision whether or not to participate in this process was a local decision, based on local community needs. Thirty-nine local governments have opted to participate in this effort.

Each of these municipalities has completed a local hazard assessment and has identified mitigation projects to be performed locally. You are also invited to review and comment on attachments to the County plan for these localities:

Annex 1 - City of Edgerton



(http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/City of Edgerton.pdf)

- Annex 2 City of Fitchburg (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/City of Fitchburg.pdf)
- Annex 3 City of Madison (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/City of Madison.pdf)
- Annex 4 City of Middleton (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/City of Middleton.pdf)
- Annex 5 City of Monona (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/City of Monona.pdf)
 - Belle Isle Flood-proofing Alternative Analysis (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/City of Monona-Belle Isle Floodproofing.pdf)
- Annex 6 City of Stoughton (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/City of Stoughton.pdf)
- Annex 7 City of Verona (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/City of Verona.pdf)
- Annex 8 Town of Albion (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Albion.pdf)
- Annex 9 Town of Berry (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Berry.pdf)
- Annex 10 Town of Cottage Grove (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Cottage Grove.pdf)
- Annex 11 Town of Dunn (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Dunn.pdf)
- Annex 12 Town of Madison (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Madison.pdf)
- Annex 13 Town of Middleton (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Middleton.pdf)

- Annex 14 Town of Montrose (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Montrose.pdf)
- Annex 15 Town of Oregon (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Oregon.pdf)
- Annex 16 Town of Pleasant Springs (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Pleasant Springs.pdf)
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 (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Primrose.pdf)
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- Annex 21 Town of Sun Prairie (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Town of Sun Prairie.pdf)
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- Annex 27 Village of Blue Mounds (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Blue Mounds.pdf)
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- Annex 29 Village of Cambridge (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Cambridge.pdf)
- Annex 30 Village of Cottage Grove (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Cottage Grove.pdf)

- Annex 31 Village of Cross Plains (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Cross Plains.pdf)
- Annex 32 Village of Dane (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Dane.pdf)
- Annex 33 Village of DeForest (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of DeForest.pdf)
- Annex 34 Village of Maple Bluff (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Maple Bluff.pdf)
- Annex 35 Village of Marshall (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Marshall.pdf)
- Annex 36 Village of McFarland (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of McFarland.pdf)
- Annex 37 Village of Oregon (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Oregon.pdf)
- Annex 38 Village of Shorewood Hills (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Shorewood Hills.pdf)
- Annex 39 Village of Waunakee (http://danedocs.countyofdane.com/webdocs/PDF/ems/mitigation_plan/Village of Waunakee.pdf)

Opportunities for Input

Members of the community have a very important role in this process. Please visit our feedback page (mitigation_feedback.aspx) if you have any questions or comments that you would like to send.

Additional Resources

Resources for Participating Governments

- Wisconsin Emergency Management Hazards Mitigation Guide (http://danedocs.countyofdane.com/webdocs/PDF/ems/20031110_mitigation_guide.pdf) (859Kb)
- Preventing Wind Damage (http://danedocs.countyofdane.com/webdocs/PDF/ems/20031110_wind_damage.pdf) (2.42Mb)
- Hazard Mitigation Ideas (http://danedocs.countyofdane.com/webdocs/PDF/ems/20031110_mitigation_ideas.pdf) (237Kb)

Links

• Wisconsin Department of Emergency Management (http://emergencymanagement.wi.gov/)

- Federal Emergency Management Agency (http://www.fema.gov/)
- FEMA Mitigation Planning (http://www.fema.gov/plan/mitplanning/index.shtm)
- Midwest Regional Climate Center (http://mcc.sws.uiuc.edu/)
- Wisconsin State Climatologist (http://www.aos.wisc.edu/~sco/)
- National Weather Service (http://www.nws.noaa.gov/)
- Storm Prediction Center (http://www.spc.noaa.gov/)
- Local Weather Service Office (http://www.crh.noaa.gov/mkx/)

Emergency Management (/)

Government of Dane County (/)

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Dan	e Coun	ty Seeks Inp	out For Natur	al Haza	rds Mitigatio	n Plan
FOR IMME	DIATE RE	ELEASE 3/20/201	7		For more information	ation contact:
Issued By: View only re		ecutive n County Executive			Stephanie Mille	er 608-267-8823
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	rie Health C	om 6:30 to 8:00 pm Care Center – Audito nue, Verona				
	, March 29t Public Libra	h from 6:30 to 8:00 ary - Community Ro un Prairie	•			
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Natural Hazards Mitigation Plan

Mar 27, 2017 6:00 PM

Back to Search Results

press release: Dane County announce today that Emergency Management is updating the County's Natural Hazards Mitigation Plan and is seeking public input. In this update cycle, the County will address the threat of natural hazards in light of the region's changing climate. The plan will examine climate trends and determine their projected impacts on natural hazards such as flooding and extreme heat. The inclusion of climate change factors will ensure Dane County takes appropriate steps to protect its citizens' personal and economic safety, now and for future generations.

"Climate change is real and we need to start planning to mitigate any potential damage," said Dane County Executive Joe Parisi. "While the State and Federal government deny basic science and reality we must move forward to address climate change."

Listening Sessions will be held in four locations:

Monday, March 27, from 6:00 to 7:30 $\rm pm$

City-County Building, Room 354

210 Martin Luther King, Jr. Boulevard, Madison

Tuesday, March 28, from 6:30 to 8:00 pm

Badger Prairie Health Care Center - Auditorium

1100 East Verona Avenue, Verona

Wednesday, March 29, from 6:30 to 8:00 pm

Sun Prairie Public Library - Community Room

1350 Linnerud Drive, Sun Prairie

Friday, March 30, from 6:30 to 8:00 pm

Rosemary Garfoot Public Library - Community Room

2107 Julius Street, Cross Plains

If you need an interpreter, translator, materials in alternate formats or other accommodations to access this program, please call Dane County Emergency Management at 608-266-4330 at least three business days prior to the meeting.

INFO COMUNITY CALENDAR Public Meetings Visit Event Website PHONE 608-266-4330 DATE & TIME Mar 27, 2017 6:00 PM 😢 🛐 🏘 📆

Sorry, no events.

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1	Heaven Mason Jennings	3:22	
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3	30lb Bag of Hamster Bones Theo Von	2:04	
4	Carolina Ron Frogleg	8:06	
5	Modern Jesus Portugal. The Man	3:14	
6	Chutzpah Hdbeendope	2:18	
7	Water Music - For People Wit	7:51	~

MADISON MIRROR - A photo series highlighting life in the Madison area. Updated daily.

http://isthmus.com/events/natural-hazards-mitigation-plan/

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Post Messenger Recorder -



Dane County Seeks Input For Natural Hazards Mitigation Plan

Climate Change Will Be Priority

Dane County has announced that Emergency Management is updating the County's Natural Hazards Mitigation Plan and is seeking public input. In this update cycle, the County will address the threat of natural hazards in light of the region's changing climate. The plan will examine climate trends and determine their projected impacts on natural hazards such as flooding and extreme heat. The inclusion of climate change factors will ensure Dane County takes appropriate steps to protect its citizens' personal and economic safety, now and for future generations.

"Climate change is real and we need to start planning to mitigate any potential damage," said Dane County Executive Joe Parisi. "While the State and Federal government deny basic science and reality, we must move forward to address climate change."

Listening Sessions will be held in four locations: Madison, Monday, March 27th, from 6:00 p.m. to 7:30 p.m., City-County Building, Room 354, 210 Martin Luther King Jr. Boulevard, Madison. Verona, Tuesday, March 28th, from 6:30 p.m. to 8:00 p.m., Badger Prairie Health Care Center – Auditorium, 1100 East Verona Avenue, Verona. Sun Prairie, Wednesday, March 29th, from 6:30 p.m. to 8:00 p.m., 1350 Linnerud Drive, Sun Prairie. Cross Plains, Friday, March 30th, from 6:30 p.m. to 8:00 p.m., Rosemary Garfoot Public Library – Community Room, 2107 Julius Street, Cross Plains.

If you need an interpreter, translator, materials in alternate formats or other accommodations to access this program, please call Dane County Emergency Management at (608) 266-4330 at least three business days prior to the meeting.

Connect With Us

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Rendered 03/23/2017 10:06

Janda, David

From: Sent: Subject: Attachments: Tubbs Sr, Charles Thursday, March 16, 2017 8:19 AM Hazard Mitigation Public Listening Session HazardPlan_ListeningSession_Flyer.pdf

Importance:

High

Good Morning, Community Leaders, Citizens, and Stakeholders

Are you concerned about the impact of natural hazards in Dane County?

If so, then this is an opportunity for you to express your ideas and concerns.

Dane County Emergency Management is updating the County's Natural Hazards Mitigation Plan. In this update cycle, the County will address the threat of natural hazards in light of the region's changing climate. The plan will examine climate trends and determine their projected impacts on natural hazards such as flooding and extreme heat. The inclusion of climate change factors will ensure Dane County takes appropriate steps to protect its citizens' personal and economic safety, now and for future generations.

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If you need an interpreter, translator, materials in alternate formats or other accommodations to access this program, please call Dane County Emergency Management at 608-266-4330 at least three business days prior to the meeting.

Thank you in advance for participating. Please contact me if you have any questions about the plan or the public input process.

arlo a. Jubbo Se

Charles A. Tubbs, Sr. Director Dane County Emergency Management 115 West Doty Street, Room 2107 Madison, WI 53703 608-267-1591 (Phone) 608-266-4500 (Fax)

Note: This invitation, along with the attached flyer, was sent by the Director of Emergency Management to over 400 individuals, including community leaders, economic development organizations, environmental and conservation groups, business organizations and others. The message was blind cc'd to these individuals and organizations from lists maintained by Dane County departments and the Dane County Executive's Office.



Dane County Natural Hazard Mitigation Plan Update

Public Listening Sessions

Dane County Emergency Management is updating the County's Natural Hazards Mitigation Plan.

In this update cycle, Dane County will address the threat of natural hazards in light of the region's changing climate. The plan will examine climate trends and determine their projected impacts on natural hazards such as flooding and extreme heat. The inclusion of climate change factors will ensure Dane County takes appropriate steps to protect its citizens' personal and economic safety, now and for future generations.

You Are Invited

Public involvement essential to the planning process. We encourage people to express their concerns. This is your opportunity to have a voice in setting priorities and developing countywide and local hazard mitigation strategies.

Listening Sessions will be held in four locations:

Madison

Monday, March 27th from 6:00 to 7:30 pm City-County Building, Room 354 210 Martin Luther King, Jr. Boulevard, Madison

Verona

Tuesday, March 28th from 6:30 to 8:00 pm Badger Prairie Health Care Center – Auditorium 1100 East Verona Avenue, Verona

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Natural Hazard Mitigation Planning

The hazard mitigation planning process involves assessing the risk of natural hazards affecting a given area and finding ways to limit their impact when they do occur. Risk is determined by analyzing both the natural hazard itself and the community's vulnerability to that hazard.



A wide range of hazard mitigation options are being considered, from small individual actions to larger scale community projects.





Floodplain and Stormwater Management



Community Storm Shelter

Hurricane clips on roof trusses



Shade trees in an urban neighborhood

Plan Website: https://em.countyofdane.com/mitigation_plan.aspx



Public Listening Sessions

Meeting Location and Times:

- March 27: Madison, City-County Building, Room 354, 210 Martin Luther King, Jr. Blvd, 6:00-7:30 pm.
- March 28: Verona, Badger Prairie Health Care Center, 1100 E Verona Ave, 6:30-8:00 pm.
- March 29: Sun Prairie, Sun Prairie Public Library, 1350 Linnerud Drive, 6:30-8:00 pm.
- March 30: Cross Plains, Rosemary Garfoot Public Library, 2107 Julius Street, 6:30-8:00 pm.

AGENDA

- 1. Welcome
- 2. Presentation Hazard Mitigation Plan Overview
- 3. Presentation Hazard Mitigation and Climate Change
- 4. Facilitated Discussion
- 5. Questionnaire
- 6. How to stay involved/next steps



Please complete this questionnaire.

Answer each question about yourself or your household. Put an X in the box for your answer. Your answers will be helpful in determining risks and potential options for mitigation actions.

1.	Risk Factors	Yes	No	Don't Know
a.	Is your home located in mapped flood hazard area (floodplain)?			
b.	Is your home located in or near an area with soils classified as hydric soil types?			
c.	Do the storm drains on your street ever get clogged or back-up during rain storms?			
d.	Does your street fill with water during heavy rain storms?			
e.	Has your neighborhood experienced flooding in the past?			
f.	Are there older trees in your yard that could potentially lose heavy branches during storms?			
g.	Are there older trees in your neighborhood that could potentially lose heavy branches during storms?			
h.	Does your home have rain gutters and downspouts?			
i.	Does water ever pond in your yard after a heavy rain storm?			
j.	Do you live in a manufactured home (aka mobile home)?			
k.	Does your home have a basement or other shelter during a storm?			
I.	Do you or does anyone in your household rely on electrical power for life- sustaining medical equipment?			
m.	Do you or does anyone in your household relay on a care giver for assistance with activities of daily living?			

2.	Past History	Yes	No	Don't Know
a.	Has your home ever been damaged by floodwater?			
	If yes:			
	i. Was there more than 2 feet of water in the basement?			
	ii. Was the water above the first floor?			
	iii. Were essential household utilities (furnace, water heater, etc.) damaged or destroyed?			
	iv. Was there structural damage to your home?			
b.	Have you ever had sewage back-up into your basement during a rain storm?			
c.	Have your home ever been hit by lightning or affected by a power surge that caused damage to household electronics?			
d.	Have you ever had hail damage to roofing or siding?			
e.	Have you ever had wind damage to your home?			
	If yes, to what extent?			
	i. Minor roofing and/or siding damage			
	ii. Significant roofing and/or siding damage, broken windows			
	iii. Structural damage to walls			
f.	Have you ever experienced a long-term (greater than 24 hours) power outage?			



3.	Personal and Household Preparedness		١	′es	No	Don't Know
a.	Do you have a weather radio or other method of receiving severe weather warnings? If yes, what do you have?	er				
b.	Do you have working smoke alarms in your home?					
c.	If battery operated, do you replace the batteries on a routine basis?					
d.	Do you have a carbon monoxide detector in your home?					
e.	Do you have a generator for back-up power in the event of an outage?					
f.	Do you have homeowners or renters insurance?					
g.	Do you have flood insurance?					
h.	Do you have access to a landline phone or other alternate means of communication in the event your cell phone does not work?					
i.	Do you have a supply of food and water that could be used in an emerger	ncy?				
j.	Do you have shade trees in your yard?					
4.	Mitigation Measures: Would you consider implementing any of the following mitigation	Yes	No	М	aybe	Already Have

	Would you consider implementing any of the following mitigation measures in your home or on your property?		Have
a.	Buy (and use) a weather alert radio		
b.	Install a sewer backflow prevention device		
с.	Buy flood insurance		
d.	Raise household utilities in the basement		
e.	Install lightning surge protection and grounding system		
f.	Plant a rain garden		
g.	Install a cistern or rain barrel		
h.	Trim or remove potentially hazardous trees		
i.	Plant shade trees		
j.	Install and maintain stormwater drainage around your home (e.g. grading, gutters, downspouts, etc.)		
k.	Install hail resistant roofing materials when re-roofing your home		
I.	Install tie-down straps (aka "hurricane clips") to strengthen wind damage resistance		

5. If you checked "Maybe" for any of the options above, what does your decision depend on? Check any that apply.
a. I need more information on what would be involved with taking this action
b. Cost
c. Available incentives
d. Technical advice or assistance
e. I would need convincing that it would actually make a difference
f. Maintenance considerations

g. Other: ____



Please complete this questionnaire. We would like your opinion and input on a variety of possible approaches to managing natural hazards in Dane County. Your answers will be helpful in determining strategies and potential options for mitigation actions.

General Thoughts and Concerns

1.	Please indicate your level of concern with the following issues:	Extremely concerned	Very concerned	Somewhat concerned	Slightly concerned	Not at all concerned
a.	Flooding					
b.	Drought					
с.	Tornadoes and Severe Weather					
d.	Temperature Extremes					
e.	Invasive plant and animal species					
f.	Algal blooms in the lakes					
g.	Impacts of climate change					
h.	Government action taking away private property rights					
i.	Poorly planned development or urban sprawl					
j.	Increasing county and local taxes					
k.	Quality of life for future generations					

2. Are there specific issues or problem areas that you think should be addressed in the County's Natural Hazards Mitigation Plan?

	To what extent do you agree or disagree with the statements below?	Strongly agree	Somewhat agree	Somewhat disagree	Strongly disagree	Not sure
a.	Climate change poses a potentially catastrophic danger to future generations.					
b.	Uncertainty of the impacts of future extreme weather events should be addressed by preparing for the worst-case scenario.					



Dane County Natural Hazard Mitigation Plan Mitigation Strategy Questionnaire

	o what extent do you agree or disagree with the tatements below?	Strongly agree	Somewhat agree	Somewhat disagree	Strongly disagree	Not sure
с.	Uncertainty of the impacts of future weather events should be addressed by preparing for the best-case scenario.					
d.	Decisions related to uncertainty of the impacts of future extreme weather events should be deferred until data is more reliable and accessible.					
e.	Uncertainty related to the impacts of future extreme weather events is exaggerated and should not be a factor in our current decision- making.					
f.	Regulations to protect the environment or reduce the impact of natural hazards should not limit personal freedom or property rights.					
g.	Present day actions should not compromise the ability of future generations to meet their own needs.					
h.	Taxes and regulation are the price we pay to live in a civilized society.					
k.	Government action interferes far too much in our everyday lives, it is not the government's business to protect people from themselves.					

Hazard Mitigation Plan Underpinnings

f	Please rank these possible broad underpinnings of the County's hazard mitigation plan strategy. How important is it to you that the plan be based on the following concepts?	Strongly favor	Somewhat favor	Somewhat oppose	Strongly oppose	Not sure
a.	Sustainability – The plan should describe and implement practices that will increase the long- term sustainability of natural resources and social and economic systems in Dane County, even if that requires additional government action and the potential for restriction of some property development rights.					
b.	Resilience – The plan should describe actions taken to strengthen critical infrastructure and social systems in order to make the whole community less vulnerable to future disasters, even if those actions require government expenditures.					



Dane County Natural Hazard Mitigation Plan Mitigation Strategy Questionnaire

4.	Please rank these possible broad underpinnings of the County's hazard mitigation plan strategy. How important is it to you that the plan be based on the following concepts?	Strongly favor	Somewhat favor	Somewhat oppose	Strongly oppose	Not sure
с.	Resource Stewardship – Natural resources should be considered as a valuable resource rather than a hazard. The plan should promote good stewardship of these resources. Good stewardship will preserve these resources for future generations. Poor stewardship will lead to ever increasing hazards.					
d.	Personal Freedom – Personal freedom is essential to a free society. Government regulatory action should be minimized or eliminated completely, even if this means accepting the potential for increased risk of future disaster losses and costs.					
e.	Personal Responsibility - The plan should recognize that along with personal freedom comes personal responsibility. Individuals are ultimately responsible for the consequences of their actions or inactions. The plan should serve as a resource for people and a guide for private action. Government spending on projects should be minimized or eliminated completely, even if this means continued disproportionate disaster impacts on vulnerable populations.					
f.	Property Rights – The plan should recognize that private property owners have the right to develop and build on their property as they chose. Government regulation should not restrict this right in any way, even if this leads to the potential for neighbors or other residents to be negatively affected by the consequences of private development.					
g.	"No Adverse Impact" – The action of one property owner or community should not increase the flood risk of other property owners or communities. People on both sides of these issues have property rights. Potential impacts should be mitigated through community or watershed-level actions.					
h.	Climate change is leading to increased seasonal variability and increased potential for extreme weather events. These implications must be considered in the plan, even if it means acting on uncertain or incomplete information.					



5. Please describe other general principles on which the plan should be based.

Hazard Mitigation Strategies

6.	Please indicate your level of support for these possible strategies to reduce the impacts of natural hazards and disasters in Dane County:	Strongly support	Somewhat support	Neither oppose nor support	Somewhat oppose	Strongly oppose
а.	Partnerships - Establishment of public-private partnerships is central to the County's hazard mitigation strategy. Governments, businesses, community service agencies, and residents all have a stake in reducing our vulnerability to natural hazards.					
b.	Regulatory Action - The County should use all of the regulatory tools at its disposal to decrease natural hazard risks. Regulatory actions are a powerful tool that can be used to eliminate harmful or unwise actions by citizens that would likely cause damage to their property and the property of others					
c.	Individual Action – Businesses and residential property owners are responsible for protecting their own homes and buildings from the effects of natural hazards. Dane County's role in this process is as a facilitating and coordinating entity.					
d.	Intergovernmental Coordination – The County's primary role should be to facilitate and coordinate solutions to multi-jurisdictional issues that involve government, citizens, stakeholders, and policy- makers at all levels.					
e.	Project and Action Based – The plan should identify and fund specific projects in specific areas of concern to reduce losses, damages, and vulnerabilities.					
f.	Do Nothing - Taking no action should always be considered as an alternative when evaluating potential solutions to a problem.					



7.	Please describe other strategies that could be used top reduce the impacts of natural disasters in Dane County. You can also use this space to comment on the concepts described above.



Hazard Mitigation Action Ideas

1. Are there specific issues or problem areas that you think should be addressed in the County's Natural Hazards Mitigation Plan?

2. What specific actions do you think the County should take to reduce long-term vulnerability to natural hazards and disasters?

3. What do you think would be benefits and advantages of the proposed action?

4. What do you think with be the disadvantages or limitations of the proposed action?

5. How should the advantages and disadvantages be balanced?

6. Please include your contact information if you would like to stay involved in the Natural Hazards Mitigation planning process:

Public Involvement Materials

Public Meeting Survey Results

B-97

Risk Assessment Questionnaire Mitigation Strategy Questionnaire



Please complete this questionnaire.

Answer each question about yourself or your household. Put an X in the box for your answer. Your answers will be helpful in determining risks and potential options for mitigation actions.

1.	Risk Factors	Yes	No	Don't Know
a.	Is your home located in mapped flood hazard area (floodplain)?	1	24	2
b.	Is your home located in or near an area with soils classified as hydric soil types?	4	12	11
c.	Do the storm drains on your street ever get clogged or back-up during rain storms?	7	15	3
d.	Does your street fill with water during heavy rain storms?	4	23	1
e.	Has your neighborhood experienced flooding in the past?	13	12	2
f.	Are there older trees in your yard that could potentially lose heavy branches during storms?	15	12	1
g.	Are there older trees in your neighborhood that could potentially lose heavy branches during storms?	23	5	0
h.	Does your home have rain gutters and downspouts?	25	1	1
i.	Does water ever pond in your yard after a heavy rain storm?	10	18	1
j.	Do you live in a manufactured home (aka mobile home)?	2	23	0
k.	Does your home have a basement or other shelter during a storm?	24	3	0
I.	Do you or does anyone in your household rely on electrical power for life- sustaining medical equipment?	1	26	0
m.	Do you or does anyone in your household relay on a care giver for assistance with activities of daily living?	0	27	0

2.	Past History	Yes	No	Don't Know
a.	Has your home ever been damaged by floodwater?	7	17	3
	If yes:			
	i. Was there more than 2 feet of water in the basement?	1	7	1
	ii. Was the water above the first floor?	0	7	1
	iii. Were essential household utilities (furnace, water heater, etc.) damaged or destroyed?	1	8	1
	iv. Was there structural damage to your home?	2	6	1
b.	Have you ever had sewage back-up into your basement during a rain storm?	1	22	4
c.	Have your home ever been hit by lightning or affected by a power surge that caused damage to household electronics?	12	11	2
d.	Have you ever had hail damage to roofing or siding?	13	11	4
e.	Have you ever had wind damage to your home?	7	15	4
	If yes, to what extent?			
	i. Minor roofing and/or siding damage	9		
	ii. Significant roofing and/or siding damage, broken windows	2	6	1
	iii. Structural damage to walls	1	7	1
f.	Have you ever experienced a long-term (greater than 24 hours) power outage?	9	17	



Dane County Natural Hazard Mitigation Plan Risk Assessment Questionnaire Summary of Results

3.	Personal and Household Preparedness	Yes	No	Don't Know
a.	Do you have a weather radio or other method of receiving severe weather warnings? If yes, what do you have?	23	3	0
b.	Do you have working smoke alarms in your home?	27	0	0
с.	If battery operated, do you replace the batteries on a routine basis?	19	2	1
d.	Do you have a carbon monoxide detector in your home?	23	3	1
e.	Do you have a generator for back-up power in the event of an outage?	4	22	0
f.	Do you have homeowners or renters insurance?	23	3	0
g.	Do you have flood insurance?	3	23	1
h.	Do you have access to a landline phone or other alternate means of communication in the event your cell phone does not work?	21	4	0
i.	Do you have a supply of food and water that could be used in an emergency?	17	8	0
j.	Do you have shade trees in your yard?	17	8	0

4.	Mitigation Measures: Would you consider implementing any of the following mitigation measures in your home or on your property?	Yes	No	Maybe	Already Have
a.	Buy (and use) a weather alert radio	7	0	2	16
b.	Install a sewer backflow prevention device	9	5	6	4
с.	Buy flood insurance	4	13	6	0
d.	Raise household utilities in the basement	7	10	2	5
e.	Install lightning surge protection and grounding system	9	2	6	7
f.	Plant a rain garden	7	4	7	4
g.	Install a cistern or rain barrel	6	5	10	3
h.	Trim or remove potentially hazardous trees	12	4	2	5
i.	Plant shade trees	10	3	0	7
j.	Install and maintain stormwater drainage around your home (e.g. grading, gutters, downspouts, etc.)	7	2	3	13
k.	Install hail resistant roofing materials when re-roofing your home	9	2	10	4
I.	Install tie-down straps (aka "hurricane clips") to strengthen wind damage resistance	8	8	10	3

5. If you checked "Maybe" for any of the options above, what does your decision depend on? Check any that apply. a. I need more information on what would be involved with taking this action 15

b.	Cost	16
с.	Available incentives	10
d.	Technical advice or assistance	12
e.	I would need convincing that it would actually make a difference	11
f.	Maintenance considerations	10
g.	Other: Permission from condominium association	1



Please complete this questionnaire. We would like your opinion and input on a variety of possible approaches to managing natural hazards in Dane County. Your answers will be helpful in determining strategies and potential options for mitigation actions.

General Thoughts and Concerns

1.	Please indicate your level of concern with the following issues:	Extremely concerned	Very concerned	Somewhat concerned	Slightly concerned	Not at all concerned
a.	Flooding	4	9	10	3	0
b.	Drought	1	4	11	10	1
c.	Tornadoes and Severe Weather	7	14	5	0	0
d.	Temperature Extremes	2	9	15	0	0
e.	Invasive plant and animal species	3	6	11	5	1
f.	Algal blooms in the lakes	4	10	6	5	1
g.	Impacts of climate change	8	10	6	3	0
h.	Government action taking away private property rights	4	2	6	11	5
i.	Poorly planned development or urban sprawl	6	9	4	4	1
j.	Increasing county and local taxes	2	1	15	5	1
k.	Quality of life for future generations	12	9	4	1	0

2. Are there specific issues or problem areas that you think should be addressed in the County's Natural Hazards Mitigation Plan?

Floodplain regulations

Community involvement in hazards planning

Education

Countywide/regional coordination of stormwater

More local action in rural areas for preparedness and recovery

Adequate storm sewers

Flooding-the Dutch have a 500-year plan

The lakes are too high which can cause flooding after frequent heavy rains

Public education-things that individuals can do, starting with small things



	o what extent do you agree or disagree with the tatements below?	Strongly agree	Somewhat agree	Somewhat disagree	Strongly disagree	Not sure
a.	Climate change poses a potentially catastrophic danger to future generations.	15	10	1	0	0
b.	Uncertainty of the impacts of future extreme weather events should be addressed by preparing for the worst-case scenario.	8	16	1	0	1
с.	Uncertainty of the impacts of future weather events should be addressed by preparing for the best-case scenario.	3	7	4	11	2
d.	Decisions related to uncertainty of the impacts of future extreme weather events should be deferred until data is more reliable and accessible.	0	6	3	16	1
e.	Uncertainty related to the impacts of future extreme weather events is exaggerated and should not be a factor in our current decision- making.	1	3	5	16	0
f.	Regulations to protect the environment or reduce the impact of natural hazards should not limit personal freedom or property rights.	2	6	12	5	1
g.	Present day actions should not compromise the ability of future generations to meet their own needs.	9	12	3	1	1
h.	Taxes and regulation are the price we pay to live in a civilized society.	11	13	2	0	0
k.	Government action interferes far too much in our everyday lives, it is not the government's business to protect people from themselves.	3	1	14	8	0

Hazard Mitigation Plan Underpinnings

4.	Please rank these possible broad underpinnings of the County's hazard mitigation plan strategy. How important is it to you that the plan be based on the following concepts?	Strongly favor	Somewhat favor	Somewhat oppose	Strongly oppose	Not sure
а.	Sustainability – The plan should describe and implement practices that will increase the long- term sustainability of natural resources and social and economic systems in Dane County, even if that requires additional government action and the potential for restriction of some property development rights.	16	10	0	0	0



4.	Please rank these possible broad underpinnings of the County's hazard mitigation plan strategy. How important is it to you that the plan be based on the following concepts?	Strongly favor	Somewhat favor	Somewhat oppose	Strongly oppose	Not sure
b.	Resilience – The plan should describe actions taken to strengthen critical infrastructure and social systems in order to make the whole community less vulnerable to future disasters, even if those actions require government expenditures.	18	8	0	0	0
C.	Resource Stewardship – Natural resources should be considered as a valuable resource rather than a hazard. The plan should promote good stewardship of these resources. Good stewardship will preserve these resources for future generations. Poor stewardship will lead to ever increasing hazards.	21	5	0	0	0
d.	Personal Freedom – Personal freedom is essential to a free society. Government regulatory action should be minimized or eliminated completely, even if this means accepting the potential for increased risk of future disaster losses and costs.	0	7	10	7	2
e.	Personal Responsibility - The plan should recognize that along with personal freedom comes personal responsibility. Individuals are ultimately responsible for the consequences of their actions or inactions. The plan should serve as a resource for people and a guide for private action. Government spending on projects should be minimized or eliminated completely, even if this means continued disproportionate disaster impacts on vulnerable populations.	5	8	7	5	0
f.	Property Rights – The plan should recognize that private property owners have the right to develop and build on their property as they chose. Government regulation should not restrict this right in any way, even if this leads to the potential for neighbors or other residents to be negatively affected by the consequences of private development.	0	3	11	12	0



4.	Please rank these possible broad underpinnings of the County's hazard mitigation plan strategy. How important is it to you that the plan be based on the following concepts?	Strongly favor	Somewhat favor	Somewhat oppose	Strongly oppose	Not sure
g.	"No Adverse Impact" – The action of one property owner or community should not increase the flood risk of other property owners or communities. People on both sides of these issues have property rights. Potential impacts should be mitigated through community or watershed-level actions.	12	13	0	1	0
h.	Climate change is leading to increased seasonal variability and increased potential for extreme weather events. These implications must be considered in the plan, even if it means acting on uncertain or incomplete information.	12	13	1	0	0

5. Please describe other general principles on which the plan should be based.

People on both sides of these issues have property rights.

Social justice, equity, the poorest usually suffer the most, have the worst outcome.

Hazard Mitigation Strategies

6.	Please indicate your level of support for these possible strategies to reduce the impacts of natural hazards and disasters in Dane County:	Strongly support	Somewhat support	Neither oppose nor support	Somewhat oppose	Strongly oppose
а.	Partnerships - Establishment of public-private partnerships is central to the County's hazard mitigation strategy. Governments, businesses, community service agencies, and residents all have a stake in reducing our vulnerability to natural hazards.	21	5	0	0	0
b.	Regulatory Action - The County should use all of the regulatory tools at its disposal to decrease natural hazard risks. Regulatory actions are a powerful tool that can be used to eliminate harmful or unwise actions by citizens that would likely cause damage to their property and the property of others.	10	14	0	0	0



6.	Please indicate your level of support for these possible strategies to reduce the impacts of natural hazards and disasters in Dane County:	Strongly support	Somewhat support	Neither oppose nor support	Somewhat oppose	Strongly oppose
c.	Individual Action – Businesses and residential property owners are responsible for protecting their own homes and buildings from the effects of natural hazards. Dane County's role in this process is as a facilitating and coordinating entity.	14	10	1	1	0
d.	Intergovernmental Coordination – The County's primary role should be to facilitate and coordinate solutions to multi-jurisdictional issues that involve government, citizens, stakeholders, and policy- makers at all levels.	14	11	0	0	0
e.	Project and Action Based – The plan should identify and fund specific projects in specific areas of concern to reduce losses, damages, and vulnerabilities.	13	11	0	0	0
f.	Do Nothing - Taking no action should always be considered as an alternative when evaluating potential solutions to a problem.	2	3	1	4	15
7.	Please describe other strategies that could be used t	top reduce t	the impacts	of natural	disasters in	Dane

Information to the public for individual decision-making when building or remodeling.

Continued information and outreach.

Stronger regional stormwater standards.

Protect wetlands to control erosion and floating bogs.

Lower lake levels.

Limit lakefront development.

Public Involvement Materials

Yahara Watershed Ecosystem Survey

Selected results

B-104

Selected Results from the Yahara Watershed Ecosystem Services Survey

Prepared for the County Hazards Department

February 2016





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Overview

The Yahara watershed is a 536 square-mile watershed that covers parts of Dane, Columbia and Rock counties in Wisconsin. The Yahara Watershed Ecosystem Services Survey is part of a large research effort at the University of Wisconsin-Madison funded by the National Science Foundation to study the complex and changing interactions between people land, water, and climate within the watershed.

The primary object of this survey was to collect information on how Yahara watershed residents value ecosystem services and what types of policies they favor to protect those services. This report provides a general overview of the survey responses.

Method

The survey instrument was developed by researchers at the University of Wisconsin-Madison and was administered by UW Survey Center. A total of 2,200 addresses were randomly selected using a United States Postal Service address database to receive the survey. A stratified sample was employed to ensure that rural and urban areas were adequately represented in the final analysis. Prior to analysis, each response was weighted according to the true population proportion of its respective geographic region. Weighted results are used throughout this report unless stated otherwise.

Responses were gathered during the fall of 2015 using a version of the method described by Dillman, Smyth, and Christian (2008). The initial survey booklet was sent out on August, 20th along with a cover letter, postage-paid return envelope, and a \$2.00 bill included to encourage responses. Five days later, on August, 25th, a reminder postcard was mailed, followed by a second and finally a third full mailing (without the \$2.00 incentive) on September 21 and October 22, respectively. In total each household received four mailings. Of the 2,200 sampled households a total of 1,136 returned surveys were making the response rate about 52%.

In addition to the questions on perceptions, the survey included five demographic measures: gender, age, race, political views, and length of time living in the watershed. A summary of these measures and the geographic area of the 1,136 responses is listed in **Table 1**. The responses are slightly skewed toward older, white, male residents who have lived in the region for 20 years or more.

Variable	Unweighted Value		
Geographic area			
Yahara—urban	39.13%		
Yahara—rural	33.24%		
Outside Yahara—urban	15.33%		
Outside Yahara-rural	12.30%		

Table 1 Summary of demographic variables (not weighted)

Gend	er		
	Male	51.34%	
	Female	44.18%	
	Did not specify	4.48%	
Age (years)		
	Average	53.22	
	Standard deviation	15.84	
Race	or ethnic background		
	American Indian or Alaskan Native	0.46%	
	Asian	2.39%	
	Black or African American	1.19%	
	White	92.65%	
	Biracial or Multiracial	1.01%	
	Other (text entry)	2.30%	
Politi	cal views		
	Strongly conservative	5.32%	
	Somewhat conservative	18.84%	
	Moderate	35.26%	
	Somewhat liberal	26.40%	
	Strongly liberal	14.18%	
Lengt	th of time living in watershed		
	Less than one year	2.30%	
	1 to 5 years	8.94%	
	5 to 9 years	8.14%	
	10 to 14 years	9.56%	
	15 to 19 years	7.96%	
	20 years or more	63.10%	
Results

Ecosystem services

Questions 2 and 3 were concerned with how people value the benefits provided by agriculture and natural resources in the region. These benefits are often referred to as ecosystem services.

In general, respondents perceive agricultural products and farmer livelihoods as very important benefits; and, biofuel products, scenery, and products for non-local consumers as less important (**Figure 1**). All natural resource benefits are perceived as important, though drinking water quality was notably the most valued benefit with 99% of respondents believing it to be "Extremely Important" or "Very Important" (**Figure 2**).

Respondents perceive agriculture as more beneficial than lawns. Only 5% see lawns as "Extremely Beneficial" and 13% as "Very Beneficial" for communities, while for agriculture those numbers are 50% and 41% respectively (**Figure 3**).

Figure 1 Importance of agricultural benefits

Question item Ν Answer Not At All Important How important that region provides Slightly Important 1,124 38% 45% 13% agricultural products for local consumers Somewhat Important Very Important How important that region provides Extremely Important agricultural products for non-local 1,117 15% 36% 34% 13% consumers How important that region provides 1,100 13% 25% 31% 17% 14% biofuel crops How important that region provides corn 1.114 26% 37% 23% 10% and soybeans to feed livestock How important that region provides dairy 1,117 40% 43% 14% products How important that region provides 1,112 46% 40% 10% farmer livelihoods How important that region provides 1,112 27% 33% 27% 10% farming heritage How important that region provides fruits 1,123 40% 44% 13% and vegetables How important that region provides 1,110 32% 41% 20% 6% grass or pasture to feed livestock How important that region provides 1,111 18% 28% 34% 15% scenic farms

How important is it to you that the region provides the following agricultural benefits?

^{10% 20% 30% 40% 50% 60% 70% 80% 90%} % of Respondents

Figure 2 Importance of natural resource benefits

How important is it to you that the region provides the following natural resource benefits?



Figure 3 Perceived benefits of lawns and agriculture

Please rate how beneficial you think each of the following is for communities in the region:

Question item	N					Answer
How beneficial for communities in the region is agriculture	1,126		50%	41%	7%	 Not At All Beneficial Slightly Beneficial Somewhat Beneficial
How benficial for communities in the region are residential lawns	1,123	13%	35%	32%	15%	Very Beneficial Extremely Beneficial
		10%	20% 30% 40% 50 % of Res	% 60% 70% 80% spondents	90%	

Perception of water quality

These questions asked respondents to report how they perceive lake water quality. More than half of all respondents perceive lake water quality as either "Fair" or "Poor" (58%) (**Figure 4**). A large proportion of respondents (52%) believe lake quality is worsening and almost all respondents believe it is either worsening or not changing at all (90%) (**Figure 5**). In general, if respondents report knowing more about water quality they are more likely to believe water quality is worsening (**Figure 6**).

Figure 4 Perception of water quality rating

Next, we have a few questions about lakes in the region. Overall, how would you rate lake water quality in the region?



Figure 5 Change in lake water quality

In the time that you have lived in the region, would you say that lake water quality has been getting better, getting worse, or staying about the same?



Figure 6 Perceived knowledge about water quality and perception of change



Concerns for the future

These questions asked respondents to indicate their level of concern for several environmental and social threats. Overall, respondents appear to be least concerned with flooding, drought, and the loss of property rights; and, most concerned with water quality, and economic decline.

Figure 7 Environmental concerns in the future

Next, we want your opinion on issues that could impact local communities in the future. Please indicate your level of concern with each of the following:



Figure 8 Social concerns in the future



0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100% % of Respondents

Perception of climate change

The majority of respondents believe climate change is really happening (66%) and that there is a scientific consensus on it (75%) (**Figure 11**). A significant majority of respondents believe humans play some role in climate change (89%) (**Figure 9**). Most respondents believe that climate change is either impacting Wisconsin already or will in the next 10 years (68%) (**Figure 10**). However, many respondents either agree or are uncertain when asked if the impacts of climate change are uncertain (64%). A large percentage of respondents are unsure if climate change will increase flooding (43%) or reduce water quality (32%) (**Figure 11**).

Perceptions of climate change are connected to a respondent's self-described political leaning (**Figure 12**). Respondents who identify as "Strongly Conservative" are almost 5 times more likely to report being uncertain that climate change is happening. Respondents who identify as strongly liberal are more than 3 times more likely to report agreeing that climate change is a scientific consensus.

Figure 9 Opinion about the cause of climate change

Which of the following best describes your opinion about the causes of global climate change? Climate change is caused...



Figure 10 When effects of climate change will be felt

Which of the following best describes your opinion about the causes of global climate change? Climate change is caused...

When, if at all, do you think Wisconsin will start feeling significant effects from climate change?



Figure 11 Perceptions about climate change

Please indicate how strongly you agree or disagree with each of the following statements.



% of Respondents

Figure 12 Political views and perception of climate change

Question item	Political views	N	Α
I am uncertain that climate change is really happening	Strongly Conservative	56	29% 26% 13% 22%
	Somewhat Conservative	198	13% 25% 17% <mark>30%</mark> 14%
	Moderate	374	12% 18% 23% 37%
	Somewhat Liberal	282	<mark>9% 8%</mark> 72%
	Strongly Liberal	150	79%
Most scientists agree that humans are causing climate change	Strongly Conservative	56	<mark>9% 17%</mark> 28% <mark>15% 31%</mark>
	Somewhat Conservative	196	48% 23% <mark>13%</mark>
	Moderate	371	26% 47% 14% <mark>9%</mark>
	Somewhat Liberal	279	59% 26%
	Strongly Liberal	150	63% 23%
			0% 20% 40% 60% 80% 100% % of Respondents

- Answer
- Strongly Disagree
- Somewhat Disagree
 Neither Agree Nor Disagree
- Somewhat Agree
- Strongly Agree

B-115

Public Involvement Materials

September 2017 Public Meetings

Public Protection and Judiciary Committee: July 25, 2017 Agenda and Minutes Public Protection and Judiciary Committee: August 22, 2017 Agenda and Minutes Dane County Board of Supervisors: September 28, 2017 Agenda and Minutes

September, 2017





Minutes - Final Unless Amended by Committee

Public Protection & Judiciary Committee

Tuesday, July 25, 2017	5:15 PM	Room 357 of the City-County Building 210 Martin Luther King Jr. Blvd.		
Room 357 of the City-County Building				

Room 357 of the City-County Building 210 Martin Luther King Jr. Blvd.

A. Call To Order

Meeting called to order at 5:15 p.m.

YGP member present: Leticia Rodriguez

Others present: R. Anhalt, C. Clark-Bernhardt, J. Hook, D. Janda, T. Kiefer, D. Mahoney, C. Tubbs, and M. MacKenzie

Present: 5 - Chair PAUL RUSK, CAROUSEL BAYRD, DOROTHY KRAUSE, MAUREEN McCARVILLE and MICHAEL WILLETT

B. Consideration of Minutes

 1.
 2017
 PP&J MINTUES OF JUNE 13, 2017

<u>MIN-140</u>

Attachments: 2017 MIN-140 PP&J 6-13-17

PP&J REG SLIP 6-13-17

A motion was made by WILLETT, seconded by McCARVILLE, that this Minutes be approved. The motion carried by the following vote: 5-0

- Ayes: 5 RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT
- C. Referrals (Resolutions & Ordinance Amendments)

1. 2017 JOINING THE AMERICAN CIVIL LIBERTIES UNION'S "FREEDOM RES-145 CITIES" CAMPAIGN IN SUPPORT OF MUSLIMS AND IMMIGRANTS

<u>Sponsors:</u> RUSK, KRAUSE, McCARVILLE and WEGLEITNER

Attachments: 2017 RES-145

BAYRD SUB to 2017 RES-145

Postponed to August 22, 2017 PP&J Meeting.

Public member that registered to speak in support of Res. 145 was: Mary Murrell of People Power Dane County

Public members that registered in support of Res. 145 were: Dick Dubiolzig and Virginia (Molly) Connor.

ACLU presented. A motion was made by McCARVILLE, seconded by BAYRD, that this Resolution be postponed to the Public Protection & Judiciary Committee. The motion carried by the following vote: 5-0; YGP: 1-0

- Ayes: 5 RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT
- 2. <u>2017</u> Adopting the 2017 Update of Dane County's Natural Hazards Mitigation RES-146 Plan

Sponsors: RUSK, KRAUSE, McCARVILLE and WILLETT

Attachments: 2017 RES-146

2017 RES-146 FISCAL NOTE

Postponed to August 22, 2017 PP&J meeting.

Janda/Tubbs presented. A motion was made by WILLETT, seconded by McCARVILLE, that this Resolution be postponed to the Public Protection & Judiciary Committee. The motion carried by the following vote: 5-0; YGP: 1-0

Ayes: 5 - RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT

D. Recommendation on Jail Planning

Members of the public that registered to speak in support of PP&J's Jail Recommendations were: Jeanie Verschay, Paul Saeman, Barbara Benson, Lynne Butorac, Eric Howland, and Lisa Munro of Moses; Marie Jackson, Ralph Jackson.

Members of the public that registered to speak in opposition of PP&J's Jail Recommendations were: Linda Ketcham of Madison Area Urban Ministry, Peyton Yang, M. Adams, King Shabazz, Cynthia Yang, Mia Thao Yang, Sherrie Collier, John Vang, Zon Moua, Kayla Her and Bianca Gomez.

Members of the public that registered in opposition of PP&J's Jail Recommendations were: Liana Dalton and Shyra Adams.

<u>2017_</u> ACT-246_	RECOMMENDATION ON JAIL PLANNING
<u>Attachments:</u>	2017 ACT-246 Recommendation on Jail Plaining
	Jail Recommendation July 2017 (Bayrd Motion)
	Jail Recommendation July 2017 (Willett Motion)
	Motion by Bayrd, seconded by Krause that:

- 1. Eliminate #2
- 2. Change #3 (now #2) as noted (see attached document Bayrd Motion).

A motion was made by BAYRD, seconded by KRAUSE, that this Action Item be amended. The motion carried by the following vote: 5-0; YGP: Abstains

Ayes: 5 - RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT

Motion by Willettt, seconded by McCarville that:

- 1. Add recommendations to top of document.
- 2. Add #2 to read "Remodel 2 floors of CCB by 2019.
- 3. Change date to read "2019" instead of "2023." (now #3).
- 4. Add Bayrd language from her previous motion.

A motion was made by WILLETT, seconded by McCARVILLE, that this Action Item be amended. The motion failed by the following vote: 1-4 (Rusk, Bayrd, Krause, McCarville); YGP: Abstains

- Ayes: 1 WILLETT
- Noes: 4 RUSK, BAYRD, KRAUSE and Vice Chair McCARVILLE

Friendly amendment by McCarville:

#3 Option 3, Phase 2 "to follow immediately after Phase 1, but no later than 2023."

A motion was made by KRAUSE, seconded by McCARVILLE, that this Action Item be recommended for approval as amended. The motion carried by the following vote: 4-1 (Willett); YGP: Abstains

Ayes: 4 - RUSK, BAYRD, KRAUSE and Vice Chair McCARVILLE

Noes: 1 - WILLETT

E. Claims

1. <u>2017 CL-011</u> CLAIM OF KURT HARRY AND THE ESTATE OF KATHLEEN HARRY

Attachments: 2017 CL-011 Harry

A motion was made by McCARVILLE, seconded by WILLETT, that this Claim be recommended for denial. The motion carried by the following vote: 5-0

Ayes: 5 - RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT

2. <u>2017 CL-012</u> CLAIM OF BARBARA BLACK

Attachments: 2017 CL-012 Black

A motion was made by McCARVILLE, seconded by WILLETT, that this Claim be recommended for denial. The motion carried by the following vote: 5-0

- Ayes: 5 RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT
- 3. 2017 CL-013 CLAIM OF NATHAN CAVANAGH

Attachments: 2017 CL-013 Cavanaugh

A motion was made by McCARVILLE, seconded by WILLETT, that this Claim be recommended for denial. The motion carried by the following vote: 5-0

- Ayes: 5 RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT
- 4. 2017 CL-014 CLAIM OF PAM AND JACKSON MACKIE
 - Attachments: 2017 CL-014 Mackie

A motion was made by McCARVILLE, seconded by WILLETT, that this Claim be recommended for denial. The motion carried by the following vote: 5-0

- Ayes: 5 RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT
- 5. 2017 CL-015 CLAIM OF RICK LOERKE

Attachments: 2017 CL-015 Loerke

A motion was made by McCARVILLE, seconded by WILLETT, that this Claim be recommended for denial. The motion carried by the following vote: 5-0

- Ayes: 5 RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT
- 6. <u>2017 CL-016</u> CLAIM OF CHARLES HALL

Attachments: 2017 CL-016 Hall

A motion was made by McCARVILLE, seconded by WILLETT, that this Claim be recommended for denial. The motion carried by the following vote: 5-0

- Ayes: 5 RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT
- 7. <u>2017 CL-017</u> CLAIM OF MOHAMMAD EHTASHAMUDDIN

Attachments: 2017 CL-017 Ehtashamuddin

A motion was made by McCARVILLE, seconded by WILLETT, that this Claim be recommended for denial. The motion carried by the following vote: 5-0

Ayes: 5 - RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT

8. 2017 CL-018 CLAIM OF HEIDI STRINGER

Attachments: 2017 CL-018 Stringer

A motion was made by McCARVILLE, seconded by WILLETT, that this Claim be recommended for denial. The motion carried by the following vote: 5-0

Ayes: 5 - RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT

F. Future Meeting Items and Dates

None

G. Public Comment on Items not on the Agenda

None

H. Such Other Business as Allowed by Law

None

I. Adjourn

The committee adjourned at 7:35 p.m.

A motion was made by KRAUSE, seconded by WILLETT, that this meeting be adjourned. The motion carried by the following vote: 5-0

Ayes: 5 - RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT

Respectfully submitted by Stephanie Stavn





Minutes - Final Unless Amended by Committee

Public Protection & Judiciary Committee

Tuesday, August 22, 2017	5:15 PM	Room 357 of the City-County Building 210 Martin Luther King Jr. Blvd.		
Boom 357 of the City-County Building				

Room 357 of the City-County Building 210 Martin Luther King Jr. Blvd.

A. Call To Order

Meeting called to order at 5:15 p.m.

YGP members excused: Luis Abreu-Socorro and Leticia Rodriguez

Others present: J. Dejung, B. Irmen, D. Janda, D. Mahoney, V. Tranchida, C. Tubbs, and M. MacKenzie

Present: 5 - Chair PAUL RUSK, CAROUSEL BAYRD, DOROTHY KRAUSE, MAUREEN McCARVILLE and MICHAEL WILLETT

B. Consideration of Minutes

- 1.
 2017
 PP&J MINUTES OF JULY 25, 2017
 - <u>MIN-232</u>

Attachments: 2017 MIN-232 PP&J 7-25-17

PP&J REG SLIP 7-25-17

A motion was made by McCARVILLE, seconded by KRAUSE, that this Minutes be approved as amended. The motion carried by the following vote: 5-0

Ayes: 5 - RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT

C. Fund Transfers

1. <u>2017 FTR-19</u> REALLOCATION OF REPLACEMENT OF SPILLMAN CAPITAL FUNDING

Attachments: 2017 FTR-19

Mahoney presented. A motion was made by McCARVILLE, seconded by KRAUSE, that this Fund Transfer be approved. The motion carried by the following vote: 4-1 (Willett)

- Ayes: 4 RUSK, BAYRD, KRAUSE and Vice Chair McCARVILLE
- Noes: 1 WILLETT

D. Referrals (Resolutions & Ordinance Amendments)

- 1. 2017 OA-021 AMENDING CHAPTER 25 OF THE DANE COUNTY CODE OF ORDINANCES, REGARDING CONTRACTING FOR VIDEO CONFERENCING FOR JAIL VISITATION
 - Sponsors: BAYRD, KRAUSE, McCARVILLE, RUSK, WEGLEITNER and WILLETT

<u>Attachments:</u> 2017 OA-021 2017 OA-021 FISCAL NOTE

Mahoney presented. A motion was made by WILLETT, seconded by McCARVILLE, that this Ordinance be recommended for approval. The motion carried by the following vote: 5-0; No YGP members present.

- Ayes: 5 RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT
- 2.2017JOINING THE AMERICAN CIVIL LIBERTIES UNION'S "FREEDOM
CITIES" CAMPAIGN IN SUPPORT OF MUSLIMS AND IMMIGRANTS

Sponsors: RUSK, KRAUSE, McCARVILLE and WEGLEITNER

Attachments: 2017 RES-145

BAYRD SUB to 2017 RES-145

A motion was made by BAYRD, seconded by McCARVILLE, that this Resolution be recommended for approval of Sub. 1. The motion carried by the following vote: 5-0; No YGP Members present.

- Ayes: 5 RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT
- 3.2017Adopting the 2017 Update of Dane County's Natural Hazards MitigationRES-146Plan

Sponsors: RUSK, KRAUSE, McCARVILLE and WILLETT

Attachments: 2017 RES-146

2017 RES-146 FISCAL NOTE

Tubbs/Janda presented. A motion was made by McCARVILLE, seconded by BAYRD, that this Resolution be recommended for approval. The motion carried by the following vote: 5-0; No YGP members present.

Ayes: 5 - RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT

 4.
 2017
 AUTHORIZING AN AGREEMENT FOR THE DANE COUNTY

 RES-164
 NARCOTICS TASK FORCE

Sponsors: RUSK, BAYRD, KRAUSE, McCARVILLE and WILLETT

Attachments: 2017 RES-164

2017 RES-164 Fiscal Note

2017 RES-164 CONTRACT #13172

A motion was made by WILLETT, seconded by McCARVILLE, that this Resolution be recommended for approval. The motion carried by the following vote: 5-0; No YGP members present.

- Ayes: 5 RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT
- 5.2017AUTHORIZING EMPLOYMENT SERVICES AGREEMENT FOR DEPUTYRES-178MEDICAL EXAMINER (ANITA RAJKUMAR)

Sponsors: RUSK, BAYRD, KRAUSE, McCARVILLE and WILLETT

Attachments: 2017 RES-178

2017 RES-178 FISCAL NOTE

2017 RES-178 CONTRACT #13190

Tranchida presented. A motion was made by BAYRD, seconded by McCARVILLE, that this Resolution be recommended for approval. The motion carried by the following vote: 5-0; No YGP members present.

- Ayes: 5 RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT
- 6. 2017 AUTHORIZING AMENDMENT 10607L TO AGREEMENT WITH HARRIS <u>RES-182</u> CORPORATION EXTENDING DANECOM MAINTENANCE

Sponsors: RUSK, BAYRD, KRAUSE, McCARVILLE and WILLETT

Attachments: 2017 RES-182

2017 RES-182 Fiscal Note

Dejung presented. A motion was made by McCARVILLE, seconded by KRAUSE, that this Resolution be recommended for approval. The motion carried by the following vote: 5-0; No YGP members present.

Ayes: 5 - RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT

G. Reports to Committee

1. 2017 QUARTERLY REPORT FROM JOHN DEJUNG RPT-289

Attachments: 2017 RPT-289 2017 PPJ (Q2) Report

John Dejung presented.

H. Future Meeting Items and Dates

None

I. Public Comment on Items not on the Agenda

None

J. Such Other Business as Allowed by Law

None

K. Adjourn

The committee adjourned at 6:30 p.m.

A motion was made by WILLETT, seconded by McCARVILLE, that this meeting be adjourned. The motion carried by the following vote: 5-0

Ayes: 5 - RUSK, BAYRD, KRAUSE, Vice Chair McCARVILLE and WILLETT

Respectfully submitted by Stephanie Stavn



Dane County

Minutes - Final Unless Amended by Committee

County Board

Thursday, September 28, 2017	7:00 PM	City-County Building, Room 201

City-County Building, Room 201

A. ROLL CALL

- Present: 32 BAYRD, BOLLIG, CHENOWETH, CLAUSIUS, CORRIGAN, DOWNING, DYE, ERICKSON, FERRELL, GILLIS, KIEFER, KOLAR, KRAUSE, MATANO, McCARVILLE, NELSON, RIPP, PERTL, RITT, RUSK, SALOV, SCHAUER, SCHMIDT, VELDRAN, STUBBS, WEGLEITNER, WILLETT, JONES, KILMER, YOUNG, WILLIAMS and KUHN
- Excused: 4 LEVIN, MILES, O'LOUGHLIN and ZWEIFEL
 - Absent: 1 HENDRICK
- 1. Prayer/Inspirational Message Supervisor Rusk (Supervisor Salov next)
- 2. Pledge of Allegiance Supervisor Rusk

B. SPECIAL MATTERS AND ANNOUNCEMENTS

- 1. <u>2017</u> MEMORIAL TO PHILIP HOWARD LEWIS JR.
 - <u>RES-231</u>

Sponsors: CORRIGAN

Attachments: 2017 RES-231

A motion was made by KIEFER, seconded by JONES, that the Special Resolution be adopted. The motion carried by a voice vote.

2. Presentation on Sister County Relationship with Kassel, Germany

Announcements

PUBLIC HEARINGS

C. APPROVAL OF PAYMENTS

1. 2017 BILLS OVER \$10,000 REFERRED TO THE COUNTY BOARD PAY-009

Attachments: 2017 PAY-009

2017 PAY-009 UPDATED

A motion was made by GILLIS, seconded by FERRELL, that the Payment be adopted. The motion carried by a voice vote.

D. CLAIMS RECOMMENDED FOR DENIAL

E. APPROVAL OF COUNTY BOARD MINUTES

- 1. 2017
 MINUTES OF THE 9/7/2017 COUNTY BOARD MEETING
 - <u>MIN-286</u>

Attachments: 2017 MIN-286

A motion was made by McCARVILLE, seconded by SCHAUER, that the Minutes be adopted. The motion carried by a voice vote.

2. <u>2017</u> MINUTES OF THE 9/12/2017 COUNTY BOARD MEETING MIN-287

Attachments: 2017 MIN-287

A motion was made by McCARVILLE, seconded by SCHAUER, that the Minutes be adopted. The motion carried by a voice vote.

- 3. 2017 MINUTES OF THE 9/13/2017 COUNTY BOARD MEETING
- <u>MIN-288</u>

Attachments: 2017 MIN-288

A motion was made by McCARVILLE, seconded by SCHAUER, that the Minutes be adopted. The motion carried by a voice vote.

F. CONSENT CALENDAR

- 1. 2017 OA-019 REVISING CHAPTER 48 OF THE DANE COUNTY CODE OF ORDINANCES, REVISING REGULATION OF TATTOOING AND PIERCING
 - Sponsors: SALOV, CHENOWETH, CLAUSIUS, JONES, KRAUSE, O'LOUGHLIN and VELDRAN

Attachments: 2017 OA-019

2017 OA-019 FISCAL NOTE

A motion was made that the Ordinance be adopted. The motion carried by a voice vote.

2. <u>2017</u> Adopting the 2017 Update of Dane County's Natural Hazards Mitigation RES-146 Plan

<u>Sponsors:</u> RUSK, KRAUSE, McCARVILLE and WILLETT

Attachments: 2017 RES-146

2017 RES-146 FISCAL NOTE

A motion was made that the Resolution be adopted. The motion carried by a voice vote.

3. <u>2017</u> APPROVAL OF THE 2018 ANNUAL ACTION PLAN FUNDING RES-171 RECOMMENDATIONS.

<u>Sponsors:</u> RIPP and NELSON

Attachments: 2017 RES-171

2017 RES-171 Fiscal Note

A motion was made that the Resolution be adopted. The motion carried by a voice vote.

 4. 2017
 AUTHORIZING SUBMISSION OF SUBSTANTIAL AMENDMENT OF THE

 RES-172
 2017 ACTION PLAN TO THE U.S. DEPARTMENT OF HOUSING AND

 URBAN DEVELOPMENT (HUD).

<u>Sponsors:</u> RIPP and NELSON

Attachments: 2017 RES-172

2017 RES-172 Fiscal Note

A motion was made that the Resolution be adopted. The motion carried by a voice vote.

5. <u>2017</u> AWARD OF CONTRACT FOR LAND RECORDS SOFTWARE RES-180

<u>Sponsors:</u> KOLAR

Attachments: 2017 RES-180

2017 RES-180 FISCAL NOTE

2017 RES-180 CONTRACT #13206

A motion was made that the Resolution be adopted. The motion carried by a voice vote.

6. 2017 CONTRACT FOR PROFESSIONAL ENGINEERING SERVICES FOR <u>RES-187</u> BIOGAS FACILITY (CONTRACTOR: CORNERSTONE ENVIRONMENTAL GROUP LLC)

Sponsors: NELSON, GILLIS, KUHN, SCHMIDT and WILLIAMS

Attachments: 2017 RES-187

2017 RES-187 Fiscal Note 2017 RES-187 CONTRACT #13194

A motion was made that the Resolution be adopted. The motion carried by a voice vote.

 7.
 2017
 AWARD OF CONTRACT FOR BIOGAS CLEANING EQUIPMENT FOR

 RES-188
 PIPELINE INJECTION-PHASE II

Sponsors: NELSON, GILLIS, KUHN, SCHMIDT and WILLIAMS

Attachments: 2017 RES-188

2017 RES-188 Fiscal note

2017 RES-188 CONTRACT #13195

A motion was made that the Resolution be adopted. The motion carried by a voice vote.

 8.
 2017
 CONTRACT AMENDMENT NO. 1 FOR RENEWABLE FUEL CREDIT

 RES-189
 MANAGEMENT FROM BIOCNG UTILIZATION

Sponsors: NELSON, GILLIS, KUHN, SCHMIDT and WILLIAMS

Attachments: 2017 RES-189

2017 RES-189 Fiscal Note

2017 RES-189 CONTRACT #12930A

A motion was made that the Resolution be adopted. The motion carried by a voice vote.

9. 2017 CONDEMNING WHITE SUPREMACY AND NEO-NAZIS IN AMERICA RES-195

> <u>Sponsors:</u> BAYRD, STUBBS, BOLLIG, CORRIGAN, DYE, ERICKSON, GILLIS, HENDRICK, JONES, KIEFER, KILMER, KOLAR, KRAUSE, KUHN, LEVIN, MATANO, McCARVILLE, MILES, NELSON, RITT, RUSK, SALOV, SCHAUER, SCHMIDT, VELDRAN, WEGLEITNER, WILLIAMS and YOUNG

Attachments: 2017 RES-195

A motion was made that this Resolution be adopted. The motion carried by the following vote:

- Ayes: 28 BAYRD, BOLLIG, CHENOWETH, CORRIGAN, DOWNING, DYE, ERICKSON, GILLIS, KIEFER, KOLAR, KRAUSE, MATANO, McCARVILLE, NELSON, PERTL, RITT, RUSK, SALOV, SCHAUER, SCHMIDT, VELDRAN, STUBBS, WEGLEITNER, JONES, KILMER, YOUNG, WILLIAMS and KUHN
- **Excused:** 4 LEVIN, MILES, O'LOUGHLIN and ZWEIFEL
- Absent: 2 HENDRICK and WILLETT
- Abstain: 3 CLAUSIUS, FERRELL and RIPP
- 10. <u>2017</u> COUNTY EXECUTIVE APPOINTMENTS RES-196

Sponsors: CORRIGAN

Attachments: 2017 RES-196

A motion was made that the Resolution be adopted. The motion carried by a voice vote.

11. 2017AUTHORIZING THE BOARD OF HEALTH FOR MADISON AND DANE
COUNTY ON BEHALF OF PUBLIC HEALTH-MADISON AND DANE
COUNTY TO REIMBURSE THE CDA FOR SKYLIGHT WORK RELATING
TO THE OFFICE SPACE AT THE VILLAGE ON PARK

Sponsors: SALOV, CHENOWETH, KILMER, O'LOUGHLIN and VELDRAN

Attachments: 2017 RES-207

2017 RES-207 FISCAL NOTE

A motion was made that the Resolution be adopted. The motion carried by a voice vote.

12.2017CHANGE ORDER NO. 1 TO CONTRACT FOR H&H INDUSTRIES FOR
GAS PIPING INSTALLATION AT DANE COUNTY LANDFILL SITE #1
(CONTRACTOR: H&H INDUSTRIES INC)

Sponsors: NELSON, GILLIS, KUHN, RIPP, SCHMIDT and WILLIAMS

Attachments: 2017 RES-208

2017 RES-108 Fiscal Note

Chg Ord #1 LF#1 Gas piping

A motion was made that the Resolution be adopted. The motion carried by a voice vote.

13.2017CHANGE ORDER NO. 2 TO CONTRACT FOR H&H INDUSTRIES FOR
GAS PIPING INSTALLATION AT DANE COUNTY LANDFILL #1
(CONTRACTOR: H&H INDUSTRIES INC)

Sponsors: NELSON, GILLIS, KUHN, RIPP, SCHMIDT and WILLIAMS

Attachments: 2017 RES-209

2017 RES-209 Fiscal Note

Chg Ord #2 LF#1 Gas Piping (2017 RES-209)

A motion was made that the Resolution be adopted. The motion carried by a voice vote.

14. 2017 2017 URBAN WATER QUALITY GRANT AWARDS RES-211

<u>Sponsors:</u> CORRIGAN

Attachments: 2017 RES-211

2017 RES-211 Fiscal Note

Application Summary Ranked 2017-08-22

A motion was made that the Resolution be adopted. The motion carried by a voice vote.

G. MOTIONS FROM PREVIOUS MEETINGS

H. REPORTS ON ZONING PETITIONS

1. <u>11150</u> PETITION: REZONE 11150 APPLICANT: SUSAN K BARBER LOCATION: 1987 BARBER DRIVE, SECTION 26, TOWN OF DUNN CHANGE FROM: RE-1 Recreational District TO PUD Planned Unit, B-1 Local Business District TO PUD Planned Unit, R-3 Residence District TO PUD Planned Unit REASON: indoor warehousing and single family dwelling along with wetland restoration

Attachments: 11150 Ord Amend

11150 Staff Update

Barber Bay General Development Plan

<u>11150 CSM</u>

Barber Bay GDP concerns

<u>11150 App</u>

A motion was made that the Zoning Petition be adopted. The motion carried by a voice vote.

2. <u>11169</u> PETITION: REZONE 11169 APPLICANT: JAMES T HUTCHINS LOCATION: NORTH OF LALLY ROAD, SECTION 28, TOWN OF DUNN CHANGE FROM: A-1EX Agriculture District TO R-3A Residence District to RH-1 Rural Homes Zoning District REASON: creating residential lot for duplex single-family residence NOTE: Petition amended to RH-1

Attachments: 11169 Ord Amend

11169 Staff update

<u>11169 Town</u>

11169 Density

<u>11169 Map</u>

11169 App Revised

A motion was made that the Zoning Petition be adopted. The motion carried by a voice vote.

3. <u>11176</u> PETITION: REZONE 11176 APPLICANT: NATHANIEL Q ALTFEATHER LOCATION: 4293 MAHONEY ROAD, SECTION 17, TOWN OF DUNN CHANGE FROM: A-1EX Agriculture District TO A-2 (4) Agriculture District REASON: shifting of property lines between adjacent land owners

Attachments: 11176 Ord Amend

11176 Staff Update

<u>11176 Town</u>

A motion was made that the Zoning Petition be adopted. The motion carried by a voice vote.

I. ORDINANCES

J. AWARD OF CONTRACTS

K. RESOLUTIONS

 1.
 2017
 JOINING THE AMERICAN CIVIL LIBERTIES UNION'S "FREEDOM

 RES-145
 CITIES" CAMPAIGN IN SUPPORT OF MUSLIMS AND IMMIGRANTS

<u>Sponsors:</u> RUSK, KRAUSE, McCARVILLE and WEGLEITNER

Attachments: 2017 RES-145

SUB 1 to 2017 RES-145

A motion was made that the Resolution be Adopted Sub. 1. The motion carried by a voice vote.

L. APPOINTMENTS

M. ITEMS REQUIRING A TWO-THIRDS MAJORITY FOR PASSAGE

N. SPECIAL ORDER OF BUSINESS

O. SUCH OTHER BUSINESS AS THE COUNTY BOARD IS AUTHORIZED TO CONDUCT BY LAW

P. ADJOURNMENT

A motion was made by Supervisor CARL CHENOWETH, seconded by Supervisor AL MATANO, that the meeting be adjourned. The motion carried unanimously at 7:43 pm.

2017 Referrals from the Board 09282017

<u>RPT-414</u>

Attachments: Board Proceedings 09282017