

APPENDIX Q
Coastal Data Request Form Compilation

Basemap Data and Coastal Data

Lake Michigan Coastal Data Request Form Compilation
Basemap and Coastal Data
 *Please refer to sample Coastal Data Request Form found in Attachment A

CONTACT INFORMATION					BASE MAP DATA		COASTAL DATA						
Community, County or State Organization	County	State	Contact Name	Contact Title	Topography	Property Information (Building Footprints, Parcel Data, Tax Assessor's Data)	Coastal Structure Inventory (Seawalls, Jetties, etc)	Coastal Feature Inventory (dunes, bluffs, etc)	Shoreline Change Data	Locations of beach nourishment or dune restoration projects	Areas of significant beach or dune erosion	Mean high water	Mean lake level
Metropolitan Water Reclamation District of Greater Chicago	Cook	IL	Jonathan Grabowy, P.E., CFM	Senior Civil Engineer			Hard copy available					Digital data available	Digital data available
Winnetka, Village of	Cook	IL	Susan Chen	Assistant Village Engineer	Digital data available	Digital data available	Digital data available	Digital data available	1998, 2003, 2005, 2010, Aerials				
North Chicago, City of	Lake	IL	Josh Wheeler	Public Works Director/City Engineer	Digital - from Lake County	Digital - from Lake County	Hard copy - Water Plant					Hard copy - from Water Plant plan	Hard copy - from Water Plant plan
Helena Township	Antrim	MI	Guy E. Melby	Zoning Administrator	Hard copy data available	Hard copy data available	Hard copy data available	Hard copy data available	Hard copy data available	Hard copy data available	Hard copy data available	Hard copy data available	Hard copy data available
Berrien County	Berrien	MI	Lex Winans	GIS/Land Description Director	Digital								
Eveline Township	Charlevoix	MI	John Vrondran	Supervisor					Hard copy data available			Hard copy data available	

Lake Michigan Coastal Data Request Form Compilation
 Basemap Data and Coastal Data

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CONTACT INFORMATION					BASE MAP DATA	COASTAL DATA							
Community, County or State Organization	County	State	Contact Name	Contact Title	Topography	Property Information (Building Footprints, Parcel Data, Tax Assessor's Data)	Coastal Structure Inventory (Seawalls, Jetties, etc)	Coastal Feature Inventory (dunes, bluffs, etc)	Shoreline Change Data	Locations of beach nourishment or dune restoration projects	Areas of significant beach or dune erosion	Mean high water	Mean lake level
Brampton, Township of	Delta	MI	Dennis J. Maufont	Township Supervisor									
Escanaba, City of	Delta	MI	Terry Flower		LiDAR & 1-ft contours (LiDAR was flown Spring 2012)								
Cross Village Township	Emmet	MI	Gene Reck	Supervisor									
Harbor Springs, City of	Emmet	MI	Tom Richards	City Manager	Digital data available								
Little Traverse Township	Emmet	MI	Randy Frykberg	Zoning/Planning Consultant									

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 Basemap Data and Coastal Data

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CONTACT INFORMATION					BASE MAP DATA	COASTAL DATA								
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West Traverse Township	Emmet	MI	Randy Frykberg, Ph.D.	Zoning Administrator/Planner										
Acme Township	Grand Traverse	MI	Nikki LenNox	Zoning Administrator		Digital data available								
Leelanau Township	Leelanau	MI	Deborah Serwin	Zoning Administrator										
Suttons Bay, Village of	Leelanau	MI	Wally Delamater	Village Manager										
Hudson Township	Mackinac	MI	Allyn Garavaglia	Supervisor										

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Manistee, City of	Manistee	MI	Denise Blakeslee	Planning & Zoning									
Mason County	Mason	MI	Fabian Knizacky	County Administrator		Digital data available							
Menominee County Emergency Management	Menominee	MI	Trina Rabida	Emergency Management Coordinator									
Laketon Township	Muskegon	MI	Kim Arter	Supervisor									
BeNona Township	Oceana	MI	Bill Airy	Zoning Administrator/Coordinator "Flood Maps"									
Oceana County	Oceana	MI	Thomas Osborn	Emergency Mgmt. Coordinator									

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Ferrysburg, City of	Ottawa	MI	Craig Bessinger	City Manager									
Grand Haven, City of	Ottawa	MI	Kristin Turkleson	City Planner	Digital data available	Digital data available							
Ottawa County	Ottawa	MI	Paul Geerlings	Drain Commissioner	Digital data available	Digital data available							
Port Sheldon Township	Ottawa	MI	Wayne Oosterink	Building & Zoning Official									
Brown County Planning & Land Services Department	Brown	WI	Jeff DuMez	GIS Coordinator/Land Information Officer	Digital data available (2010 LiDAR)	Digital Data available (BrownCountyWI_20120511_GeoDatabase_v2v3.gdb)							
Green Bay, City of	Brown	WI	Paul Naumeyer	Senior Planner/Zoning Administrator	Digital data available	Digital data available							
Sumamico, Village of	Brown	WI	Steve Dunks	Zoning Administrator									

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Door County Planning Department	Door	WI	Sue Vanden Langenberg	Zoning Administrator II	Digital - FEMA used our 2' contours (LiDAR) to create the 2009 FIRMs. Delivery can be coordinated.	Digital - Delivery can be coordinated		Digital - Dunes and Escarpment	Hard copy/Digital - can provide either data type				
Egg Harbor, Village of	Door	WI	Josh VanLieshout	Administrator			Digital			Digital			
Sister Bay, Village of	Door	WI	Robert L. Kufrin	Village Administrator						Digital			
Kenosha County	Kenosha	WI	Dan Treloar	County Conservationist	Digital data available	Digital data available	Digital - Kenosha County 3' orthophotography and detailed LiDAR will help identify the coastal data features.	Digital - Kenosha County 3' orthophotography and detailed LiDAR will help identify the coastal data features.	Digital - Kenosha County 3' orthophotography and detailed LiDAR will help identify the coastal data features.	Kenosha County 3' orthophotography and detailed LiDAR will help identify the coastal data features.	Digital - Kenosha County 3' orthophotography and detailed LiDAR will help identify the coastal data features.		Digital - Kenosha County 3' orthophotography and detailed LiDAR will help identify the coastal data features.

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Kenosha, City of	Kenosha	WI	Rich Schroeder	Deputy Director, Department of Community Development	Digital - Kenosha County GIS	Digital - Kenosha County GIS	Digital - Aerial photos, Kenosha County GIS	Digital - Aerial photos, Kenosha County GIS	Digital - Aerial photos, Kenosha County GIS	Digital - SEWRPC Technical Report No. 36			
Village of Pleasant Prairie	Kenosha	WI	Michael Spence (MS), P.E./Jean Werbie-Harris (JWH)	Village Engineer (MS)/Community Development Director - Planning and Zoning Administrator (JWH)	Digital data available	Digital data available	Digital data available	Digital data available	Digital data available	Digital data available	Digital data available		Digital
Southeastern Wisconsin Regional Planning Commission	Kenosha, Racine, Milwaukee and Ozaukee	WI	Laura L. Kletti P.E., CFM	Southeastern Wisconsin Regional Planning Commission									
Two Rivers, City of	Manitowoc	WI	Vicky Berg	Zoning Administrator	Digital data available	Digital data available							

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Village of Cleveland	Manitowoc	WI	Steven G. Simons	Director of Public Works									
Milwaukee County	Milwaukee	WI	Brad Blumer	GIS Specialist	Digital data available	Digital data available							
Oconto County	Oconto	WI	Pat Virtues	Oconto County Zoning & Solid Waste Administrator	Hard copy/Digital	Digital							
Racine County	Racine	WI	Julie A. Anderson	Director, Public Works & Development Services	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Racine, City of	Racine	WI	Brian F. O'Connell	Director of City Development									

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Sheboygan County	Sheboygan	WI	Matthew Mrochinski	Code Administrator	Digital	Digital	Digital	Digital	Hard copy/Digital				

Other Data and Historical Flood Data

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Community, County or State Organization	County	State	Contact Name	Contact Title	Topography	Property Information (Building Footprints, Parcel Data, Tax Assessor's Data)	Coastal Structure Inventory (Seawalls, Jetties, etc)	Coastal Feature Inventory (dunes, bluffs, etc)	Shoreline Change Data	Locations of beach nourishment or dune restoration projects	Areas of significant beach or dune erosion	Mean high water	Mean lake level
Metropolitan Water Reclamation District of Greater Chicago	Cook	IL	Jonathan Grabowy, P.E., CFM	Senior Civil Engineer			Hard copy available					Digital data available	Digital data available
Winnetka, Village of	Cook	IL	Susan Chen	Assistant Village Engineer	Digital data available	Digital data available	Digital data available	Digital data available	1998, 2003, 2005, 2010, Aerials				
North Chicago, City of	Lake	IL	Josh Wheeler	Public Works Director/City Engineer	Digital - from Lake County	Digital - from Lake County	Hard copy - Water Plant					Hard copy - from Water Plant plan	Hard copy - from Water Plant plan
Helena Township	Antrim	MI	Guy E. Melby	Zoning Administrator	Hard copy data available	Hard copy data available	Hard copy data available	Hard copy data available	Hard copy data available	Hard copy data available	Hard copy data available	Hard copy data available	Hard copy data available
Berrien County	Berrien	MI	Lex Winans	GIS/Land Description Director	Digital								
Eveline Township	Charlevoix	MI	John Vrondran	Supervisor					Hard copy data available			Hard copy data available	

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 Other Data and Historical Data

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CONTACT INFORMATION					OTHER DATA					HISTORICAL FLOOD DATA
Community, County or State Organization	County	State	Contact Name	Contact Title	Hydraulic Structures (i.e. bridges, culverts, levees, dams) with inspection status, if available	Elevated roads	Critical Facilities	Other known hazards with geographical boundaries, i.e., landslide hazard areas, storm surge inundation zones, wildfire hazard areas, etc.	Other relevant data	Are you aware of any coastal flooding issues not represented on effective FIRMs:
Brampton, Township of	Delta	MI	Dennis J. Maufont	Township Supervisor						No
Escanaba, City of	Delta	MI	Terry Flower							
Cross Village Township	Emmet	MI	Gene Reck	Supervisor						No
Harbor Springs, City of	Emmet	MI	Tom Richards	City Manager						No
Little Traverse Township	Emmet	MI	Randy Frykberg	Zoning/Planning Consultant						No

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West Traverse Township	Emmet	MI	Randy Frykberg, Ph.D.	Zoning Administrator/Planner						No
Acme Township	Grand Traverse	MI	Nikki LenNox	Zoning Administrator						No
Leelanau Township	Leelanau	MI	Deborah Serwin	Zoning Administrator						No
Suttons Bay, Village of	Leelanau	MI	Wally Delamater	Village Manager						No
Hudson Township	Mackinac	MI	Allyn Garavaglia	Supervisor						No

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Community, County or State Organization	County	State	Contact Name	Contact Title	Hydraulic Structures (i.e. bridges, culverts, levees, dams) with inspection status, if available	Elevated roads	Critical Facilities	Other known hazards with geographical boundaries, i.e., landslide hazard areas, storm surge inundation zones, wildfire hazard areas, etc.	Other relevant data	Are you aware of any coastal flooding issues not represented on effective FIRMs:
Manistee, City of	Manistee	MI	Denise Blakeslee	Planning & Zoning						No
Mason County	Mason	MI	Fabian Knizacky	County Administrator						No
Menominee County Emergency Management	Menominee	MI	Trina Rabida	Emergency Management Coordinator						Unknown
Laketon Township	Muskegon	MI	Kim Arter	Supervisor						No
BeNona Township	Oceana	MI	Bill Airy	Zoning Administrator/Coordinator "Flood Maps"						No

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Oceana County	Oceana	MI	Thomas Osborn	Emergency Mgmt. Coordinator						No
Ferrysburg, City of	Ottawa	MI	Craig Bessinger	City Manager						No
Grand Haven, City of	Ottawa	MI	Kristin Turkleson	City Planner						No
Ottawa County	Ottawa	MI	Paul Geerlings	Drain Commissioner						No
Port Sheldon Township	Ottawa	MI	Wayne Oosterink	Building & Zoning Official						No

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Community, County or State Organization	County	State	Contact Name	Contact Title	Hydraulic Structures (i.e. bridges, culverts, levees, dams) with inspection status, if available	Elevated roads	Critical Facilities	Other known hazards with geographical boundaries, i.e., landslide hazard areas, storm surge inundation zones, wildfire hazard areas, etc.	Other relevant data	Are you aware of any coastal flooding issues not represented on effective FIRMs:
Brown County Planning & Land Services Department	Brown	WI	Jeff DuMez	GIS Coordinator/Land Information Officer					Parcels, hydro, street centerlines are all available in Brown County gdb: BrownCountyWI_20120511_GeoDatabase_v2v3.gdb	
Green Bay, City of	Brown	WI	Paul Naumeyer	Senior Planner/Zoning Administrator						No
Sumamico, Village of	Brown	WI	Steve Dunks	Zoning Administrator						No
Door County Planning Department	Door	WI	Sue Vanden Langenberg	Zoning Administrator II						No
Egg Harbor, Village of	Door	WI	Josh VanLieshout	Administrator						No

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Sister Bay, Village of	Door	WI	Robert L. Kufrin	Village Administrator						No
Kenosha County	Kenosha	WI	Dan Treloar	County Conservationist			Digital			No
Kenosha, City of	Kenosha	WI	Rich Schroeder	Deputy Director, Department of Community Development	Digital - City of Kenosha Storm Water Utility Plat Book		Digital - Kenosha County GIS; Water Distribution Plant; Waste Water Treatment Plant			No

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Village of Pleasant Prairie	Kenosha	WI	Michael Spence (MS), P.E./Jean Werbie-Harris (JWH)	Village Engineer (MS)/Community Development Director - Planning and Zoning Administrator (JWH)			Digital			Yes - See SEWRPC CAPR #88, A Land Use Management Plan for the Chiwaukee Prairie - Carol Beach Area of the Town (now a Village) of Pleasant Prairie, Kenosha County, WI.
Southeastern Wisconsin Regional Planning Commission	Kenosha, Racine, Milwaukee and Ozaukee	WI	Laura L. Kletti P.E., CFM	Southeastern Wisconsin Regional Planning Commission						
Two Rivers, City of	Manitowoc	WI	Vicky Berg	Zoning Administrator						No
Village of Cleveland	Manitowoc	WI	Steven G. Simons	Director of Public Works						No

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Milwaukee County	Milwaukee	WI	Brad Blumer	GIS Specialist						
Oconto County	Oconto	WI	Pat Virtues	Oconto County Zoning & Solid Waste Administrator						No
Racine County	Racine	WI	Julie A. Anderson	Director, Public Works & Development Services			Digital			No
Racine, City of	Racine	WI	Brian F. O'Connell	Director of City Development						No
Sheboygan County	Sheboygan	WI	Matthew Mrochinski	Code Administrator	Hard copy		Digital			No

Risk Assessment and Flood Mitigation Information

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Risk Assessment and Flood Mitigation Information
 *Please refer to sample Coastal Data Request Form found in Attachment A

CONTACT INFORMATION					RISK ASSESSMENT		FLOOD MITIGATION INFORMATION											
Community, County or State Organization	County	State	Contact Name	Contact Title	Does your community have HAZUS-based loss estimates from average annualized loss?	Does your community have other risk assessment data?	Does your community have a hazard mitigation plan?	Does the plan reflect any coastal flood hazards?	Does the hazard mitigation plan indicate any data deficiencies for flood hazards that could be addressed through a flood study, especially near coastal zones?	Does your community have on-going mitigation projects, such as acquisition, elevation, flood control, soil stabilization, natural systems restoration, floodproofing, etc.	Any specific coastal mitigation projects?	Does your community have experience with coastal flood disasters and flood disaster recovery?	Does your community coordinate floodplain management programs with programs for the management and planning of open space? If possible, any coastal specific?	Have you had any prior proactive mitigation actions and planning efforts that resulted in reduced losses? If possible, any coastal specific?	Has your community applied and granted Individual Assistance/Public Assistance grants for declared disasters?	Has your community applied for FEMA Hazard Mitigation Grants program or other mitigation funds (USACE, NRCS, USGS, state Hazard Mitigation officer, etc.) in the past?	How would you rank the community's ability to implement mitigation actions and to communicate flood risk to citizens?	
Metropolitan Water Reclamation District of Greater Chicago	Cook	IL	Jonathan Grabowy, P.E., CFM	Senior Civil Engineer	No	H&H models for most inland regional waterways in Cook County as part of a Detailed Watershed Plan program. The MWRD	No	No	No	stormwater capital improvement program for riverine flooding and stream bank stabilization issues. Further information can be found	No	No	No	implementing Tunnel and Reservoir Plan and has implemented a number of flood control projects in Cook County. Projects address flooding from	No	Yes - Too many to list, non are coastal related.	Medium	
Winnetka, Village of	Cook	IL	Susan Chen	Assistant Village Engineer	No		No	No			No - only storm water outfall improvements	No	No		Yes - Two from FEMA: 1 for snow removal 1 for wind damage	No		
North Chicago, City of	Lake	IL	Josh Wheeler	Public Works Director/City Engineer	No		Yes - it has been adopted. The Lake County All Natural Hazards Mitigation Plan	Yes - see Hazard Mitigation Plan	No	No	No	No	Yes - Not coastal, but we have worked with local agencies in other flood management.	No	Yes - 1. Snow assistance 2. Recent IKE recipient 3. Wind storm assistance	No	Medium	
Helena Township	Antrim	MI	Guy E. Melby	Zoning Administrator	No	No	No	No	No	No	No	No	No	No	No	No	No	Medium
Berrien County	Berrien	MI	Lex Winans	GIS/Land Description Director	N/A	Yes, Hazard risk vulnerability	Yes - being reviewed	Yes, River flooding	No	No	No	15-20 foot waves on Lake Michigan caused massive beach erosion	Yes, Through hazrd mitigation funding and process	No	No	No	No	Medium
Eveline Township	Charlevoix	MI	John Vrondran	Supervisor	No	No	Yes. Being Reviewed	Yes	Yes	Yes. Zoning from High water mark	No	No	Yes	Yes. Zoning.	No	No	Low	
Brampton, Township of	Delta	MI	Dennis J. Maufont	Township Supervisor	No	No	No	Unknown since we do not have a plan.	No - We do not have a plan.	No	No	No - We have never had a coastal flood or flood disaster, that I know of since I have been living in the Township.	No	No - We have not had any losses.	No	No	Medium	
Ensign, Township of	Delta	MI	John Wolf	Supervisor & Assessor														
Escanaba, City of	Delta	MI	Terry Flower															

CONTACT INFORMATION					RISK ASSESSMENT		FLOOD MITIGATION INFORMATION										
Community, County or State Organization	County	State	Contact Name	Contact Title	Does your community have HAZUS-based loss estimates from average annualized loss?	Does your community have other risk assessment data?	Does your community have a hazard mitigation plan?	Does the plan reflect any coastal flood hazards?	Does the hazard mitigation plan indicate any data deficiencies for flood hazards that could be addressed through a flood study, especially near coastal	Does your community have on-going mitigation projects, such as acquisition, elevation, flood control, soil stabilization, natural systems restoration, floodproofing, etc.	Any specific coastal mitigation projects?	Does your community have experience with coastal flood disasters and flood disaster recovery?	Does your community coordinate floodplain management programs with programs for the management and planning of open space? If possible, any coastal specific?	Have you had any prior proactive mitigation actions and planning efforts that resulted in reduced losses? If possible, any coastal specific?	Has your community applied and granted Individual Assistance/Public Assistance grants for declared disasters?	Has your community applied for FEMA Hazard Mitigation Grants program or other mitigation funds (USACE, NRCS, USGS, state Hazard Mitigation officer, etc.) in the past?	How would you rank the community's ability to implement mitigation actions and to communicate flood risk to citizens?
Cross Village Township	Emmet	MI	Gene Reck	Supervisor	No	No					No	No	No				
Harbor Springs, City of	Emmet	MI	Tom Richards	City Manager	No	No	Yes. Adopted	Yes. Shoreline and steep erosion	No	No	No	No	Yes. City Ordinance	Yes. Coastal sheet pile walls.	No	No	Medium
Little Traverse Township	Emmet	MI	Randy Frykberg	Zoning/Planning Consultant	No	No					No	No	No				
West Traverse Township	Emmet	MI	Randy Frykberg, Ph.D.	Zoning Administrator/Planner	No	No	No	No	N/A	N/A	NO	NO	NO	NO	No	No	Low
Acme Township	Grand Traverse	MI	Nikki LenNox	Zoning Administrator	No	No	Yes, Grand Traverse County Plan. Adopted	No	No	Yes. The Township is presently acquiring shoreline parcels and removing existing structures to restore land to natural shoreline parkland	No	No	No	No	No	No	Medium
Leelanau Township	Leelanau	MI	Deborah Serwin	Zoning Administrator	No	No	Yes. adopted and in the process of being updated.	No	No	No	No	No	No	No	No	No	Medium
Suttons Bay, Village of	Leelanau	MI	Wally Delamater	Village Manager	No	No	Yes	N/A	N/A	No	No	No	No	No	No	No	N/A
Hudson Township	Mackinac	MI	Allyn Garavaglia	Supervisor	No	No	No	No	No	No	No	No	No	No	No	No	Low
Manistee, City of	Manistee	MI	Denise Blakeslee	Planning & Zoning	No	No	No	No	No	No	No	No	No	No	No	Yes. Stabilized Bank/Shore at end of 12th street and built spillway for storm water control.	Medium

CONTACT INFORMATION					RISK ASSESSMENT			FLOOD MITIGATION INFORMATION										
Community, County or State Organization	County	State	Contact Name	Contact Title	Does your community have HAZUS-based loss estimates from average annualized loss?	Does your community have other risk assessment data?	Does your community have a hazard mitigation plan?	Does the plan reflect any coastal flood hazards?	Does the hazard mitigation plan indicate any data deficiencies for flood hazards that could be addressed through a flood study, especially near coastal	Does your community have on-going mitigation projects, such as acquisition, elevation, flood control, soil stabilization, natural systems restoration, floodproofing, etc.	Any specific coastal mitigation projects?	Does your community have experience with coastal flood disasters and flood disaster recovery?	Does your community coordinate floodplain management programs with programs for the management and planning of open space? If possible, any coastal specific?	Have you had any prior proactive mitigation actions and planning efforts that resulted in reduced losses? If possible, any coastal specific?	Has your community applied and granted Individual Assistance/Public Assistance grants for declared disasters?	Has your community applied for FEMA Hazard Mitigation Grants program or other mitigation funds (USACE, NRCS, USGS, state Hazard Mitigation officer, etc.) in the past?	How would you rank the community's ability to implement mitigation actions and to communicate flood risk to citizens?	
Mason County	Mason	MI	Fabian Knizacky	County Administrator	No	Yes. Hazard Analysis.	Yes. Being Adopted	Yes. Flooding: Shoreline is listed as natural hazard	Yes. Most shoreline flooding/erosion data is from 1980's and prior.	No	No	Yes. 2008 flash flooding event/recovery: most flooding was inland.	No	No	multiple road locations repaired after flooding event. Most repairs included mitigation activities.	No	Medium	
Menominee County Emergency Management	Menominee	MI	Trina Rabida	Emergency Management Coordinator	Unknown	Emergency management planning requires a great amount of risk assessment to be done for various things; however, I am not aware of any specific risk assessment data with regard to coastal flooding that this office has done in the past. It may have been done by other departments/committees/commissions, outside organizations, etc.	Yes - currently being updated	Yes - The Hazard Mitigation Plan addresses various hazards in the county, including flooding. Various types of flooding on bodies of water within the county were ranked from low to moderate risk. As noted elsewhere in this survey, the plan is currently being reviewed by CUPPAD so this data may change based on that review.	No - The plan does not seem to indicate that but it is under review and that could be changed.	Unknown	Unknown	In a very general sense by way of planning, training and perhaps past disaster exercises.	Unknown	Unknown - I have found nothing to support that formal efforts were made by the county itself; municipalities would have to be contacted to answer this question with respect to their own communities.	Unknown - I have found nothing to support that such assistance has been requested by the county itself in the past.	Yes - With regard to only the county (and not the municipalities), we applied for and received a planning grant to update our plan. I believe a grant was also awarded 5+ years ago to develop the plan. I have found nothing else to support that any other mitigation grants were applied for or obtained by Menominee County itself.	Medium - The ability is definitely there, via a number of means. The companies that operate the hydro facilities/dams also provide information to folks that could be affected (as required by FERC).	
Laketon Township	Muskegon	MI	Kim Arter	Supervisor	No	No	No	No	No	No	No	No	No	No	No	No	No	High
BeNona Township	Oceana	MI	Bill Airy	Zoning Administrator/Coordinator "Flood Maps"	No	No	No	No	No	Yes. Elevation Studies - New Construction	No	No	No. Coastal areas developed in 1960's and Stony Lake area developed in 1920's	Yes. Recommendation for floodplain elevation measurements by approved surveyor.	No	No	Medium	
Oceana County	Oceana	MI	Thomas Osborn	Emergency Mgmt. Coordinator	No	No	Yes. Being Adopted.	Yes. Recognized and discussed Hazard assessment ranking vulnerability assessment ranking hazard priority ranking assigned mitigation alternatives discussed..	Yes. Better information, data and especially predictability.	No	No	Yes. 1986 High Levels - significant damage during that flooding	No	Zoning regulations have been effect in flood mitigation - riverine and coastal.	Not in recent past. Unaware of earlier.	Not in recent past.	Medium	
Ferrysburg, City of	Ottawa	MI	Craig Bessinger	City Manager	No	No	Yes. Adopted.	No	No	No	No	No	No	No	No	Yes. Applied but not approved.	Medium	

CONTACT INFORMATION					RISK ASSESSMENT		FLOOD MITIGATION INFORMATION											
Community, County or State Organization	County	State	Contact Name	Contact Title	Does your community have HAZUS-based loss estimates from average annualized loss?	Does your community have other risk assessment data?	Does your community have a hazard mitigation plan?	Does the plan reflect any coastal flood hazards?	Does the hazard mitigation plan indicate any data deficiencies for flood hazards that could be addressed through a flood study, especially near coastal	Does your community have on-going mitigation projects, such as acquisition, elevation, flood control, soil stabilization, natural systems restoration, floodproofing, etc.	Any specific coastal mitigation projects?	Does your community have experience with coastal flood disasters and flood disaster recovery?	Does your community coordinate floodplain management programs with programs for the management and planning of open space? If possible, any coastal specific?	Have you had any prior proactive mitigation actions and planning efforts that resulted in reduced losses? If possible, any coastal specific?	Has your community applied and granted Individual Assistance/Public Assistance grants for declared disasters?	Has your community applied for FEMA Hazard Mitigation Grants program or other mitigation funds (USACE, NRCS, USGS, state Hazard Mitigation officer, etc.) in the past?	How would you rank the community's ability to implement mitigation actions and to communicate flood risk to citizens?	
Grand Haven, City of	Ottawa	MI	Kristin Turkleson	City Planner	No	Yes. EOC plan - Beth Thomas, Ottawa County.	Yes											
Ottawa County	Ottawa	MI	Paul Geerlings	Drain Commissioner	No	No	N/A	N/A	N/A	N/A	No	Yes	No	Yes. Regional & Local Storm Water Detention Requirements.	No	Yes. After the June 2008 Storm NRCS grants funded downed tree removal from several county drains.	Medium	
Port Sheldon Township	Ottawa	MI	Wayne Oosterink	Building & Zoning Official	No	No	No	No	No	No	No	No	No	No	No	No	No	Low
Brown County Planning & Land Services Department	Brown	WI	Jeff DuMez	GIS Coordinator/Land Information Officer														
Green Bay, City of	Brown	WI	Paul Naumeyer	Senior Planner/Zoning Administrator	No	No	Yes - it has been adopted. The Lake County All Natural Hazards Mitigation Plan	No	No	No	No	No	Yes - Properties acquired for open space within the floodplain are not intended for future construction.	No	No	No	No	Medium
Sumamico, Village of	Brown	WI	Steve Dunks	Zoning Administrator	No	No	Yes - currently being updated	No	No	No	No	No	No	No	No	No	No	Medium
Door County Planning Department	Door	WI	Sue Vanden Langenberg	Zoning Administrator II	No	No - We have never experienced flooding.	No			Yes - Beach projects which involve sand nourishment, dunes, dune grass and storm water treatment bmp closings caused by storm water, water fowl and stagnant or poor draining sands. Sunset Beach, City of Sturgeon Bay S6 T27N R26E; Ellison Bay Beach, Town of Liberty Grove S15 T32N R28E; Ridges Beach, Town of Baileys Harbor S17 T30N R28E; Otumba, City of Sturgeon Bay S7 T30N R26E; Anclam, Town of Bailey's Harbor S20 T30N R28E. Other locations are planned; let us know if you want that information also.	No	No	No	No - We are not aware of any losses. Through enforcement of the floodplain ordinance, many non-conforming structures eventually get removed and/or replaced with structures that comply with floodplain regulations, thus a reduction in potential loss is achieved.	No	No	Medium - I'm not sure how we would implement mitigation, other than to enforce and educate land owners about the floodplain requirements, since there have been no floods.	

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Egg Harbor, Village of	Door	WI	Josh VanLieshout	Administrator	No	No	No	No	No	No	No	No	No	No	No	No	Medium
Sister Bay, Village of	Door	WI	Robert L. Kufrin	Village Administrator	No	Yes - We have completed a Stormwater Master Plan that identified flooding areas and structures at risk. The report is attached.	No	No	Yes - Stormwater Master Plan done in 2007	Yes - Detention done per development based on DNR requirements.	No	No	No	No	No	No	Medium
Kenosha County	Kenosha	WI	Dan Treloar	County Conservationist	Yes - The State of Wisconsin Hazard Mitigation Plan	Yes - Kenosha County Hazard Mitigation Plan Update (SEWRPC CAPR No. 278, 2nd Edition)	Yes - it has been adopted	Yes - Kenosha County Hazard Mitigation Plan Update (SEWRPC CAPR No. 278, 2nd Edition)	No	Yes - Fox River Flood Mitigation Program in the Fox River watershed. The acquisition and relocation program was established in 1995.	No	No	Yes - All of the watershed, open space and land use plans adopted by Kenosha County recommend the protection and preservation of open space, floodplain and environmental corridors. No specific coastal examples are available.				Medium
Kenosha, City of	Kenosha	WI	Rich Schroeder	Deputy Director, Department of Community Development	Yes - State of Wisconsin Hazard Mitigation Plan	Yes - Kenosha County Hazard Mitigation Plan Update (SEWRPC CAPR No. 278, 2nd Edition)	Yes - it has been adopted	Yes - Kenosha County Hazard Mitigation Plan Update (SEWRPC CAPR No. 278, 2nd Edition)	No	No	No	No	Yes - Detention basins within City Park Space (no known coastal specific)	Yes - FEMA Loss Avoidance Study, Wisconsin Property Acquisition and Structure Demolition, September 2009			Medium
Village of Pleasant Prairie	Kenosha	WI	Michael Spence (MS), P.E./Jean Werbie-Harris (JWH)	Village Engineer (MS)/Community Development Director - Planning and Zoning Administrator (JWH)	Yes - The State of Wisconsin Hazard Mitigation Plan	Yes - Kenosha County Hazard Mitigation Plan Update (SEWRPC CAPR No. 278, 2nd Edition)	Yes - it has been adopted	Yes - Kenosha County Hazard Mitigation Plan Update (SEWRPC CAPR No. 278, 2nd Edition)	No	Yes - In Kenosha County - Fox River Flood Mitigation Program in the Fox River watershed. The acquisition and relocation program was established in 1995. In Pleasant Prairie - South Kenosha Storm Water Project. (Location - 22nd-30th Avenues from 90th Street to Springbrook Road). In Pleasant Prairie - Chateau Eau Plaines Storm Water Management Project. (Location 75th-80th Streets from 104th-115th Avenues).	Yes - Village has completed the following projects: Armor wall plating; Carol Beach Subdivision Unit #2 stormwater projects; Shore protection/rip rap projections along shore adjacent to Lake Shore Drive in 1987-1988.	Yes - Village has experienced area-wide flooding events in 2000, 2007, 2008, 2009, 2010 and 2011. Flood disaster recovery funding was obtained. Contact John Steinbrink, Jr., Public Works Director at 262-925-6768 for more information.	Yes - All of the watershed, open space and land use plans adopted by the Village recommend the protection and preservation of open space, floodplain and environmental corridors. No specific coastal examples area available. A specific plan for the coastal area is SEWRPC CAPR #88, A Land Use Management Plan for the Chiswaukee Prairie - Carol Beach Area for the Town (now Village) of Pleasant Prairie, Kenosha County, WI. The plan is available electronically.	Yes, in Kenosha County - Loss Avoidance Study Wisconsin, Property Acquisition and Structure Demolition September 2009 (Fox River Buyout Program). http://emergencymanagement.wi.gov/mitigation/stories/Wisconsin_LAS_11-09-09.pdf . No, not in the Village.	Yes - South Kenosha 2008 Community Development Block Grant assistance for storm water projects needed due to flooding. Snow/Wind Storm Damage Financial Assistance Grant in 2011. Village has applied for Public Assistance for area-wide flooding that occurred.	Yes - Hazard Mitigation Grant Program (HMGP) Chateau Eau Plaines Subdivision area - applied for in 2011.	High - Village communicates regularly with its residents/businesses - features and information stories on Cable Channel 25; Website - emergencyandinformationpleasantprairieonline.com; Nixle text messages; Twitter messages; Monthly community-wide newsletters; and regular press releases. In addition to the adoption of

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Southeastern Wisconsin Regional Planning Commission	Kenosha, Racine, Milwaukee and Ozaukee	WI	Laura L. Kletti P.E., CFM	Southeastern Wisconsin Regional Planning Commission														
Two Rivers, City of	Manitowoc	WI	Vicky Berg	Zoning Administrator	No	No	No	No	No	No	No	No	Zoning ordinance includes minimum setbacks for shore yards and rear yards.	No	No	No	No	Low
Village of Cleveland	Manitowoc	WI	Steven G. Simons	Director of Public Works	No	No	No	No	No	No	No	No	Yes - Re-establishing a ridge/swale area north of Public Works Garage.	No	No	No	No	Medium
Milwaukee County	Milwaukee	WI	Brad Blumer	GIS Specialist														
Oconto County	Oconto	WI	Pat Virtues	Oconto County Zoning & Solid Waste Administrator	No	No	Yes - it has been adopted	No	No	No	No	No	No	No	No	Yes - June 2007 Tornado in town of Riverview	No	Medium
Racine County	Racine	WI	Julie A. Anderson	Director, Public Works & Development Services	No		Yes - it has been adopted	No	No	No	Yes - USACOE Groin project for bluff stabilization in Caledonia - Col. Chapla Park	No	No		DWR-NR 116 Floodplain Regulations administered in Racine County have resulted in fewer flood losses.	No	Yes	High
Racine, City of	Racine	WI	Brian F. O'Connell	Director of City Development	No	No	Yes - it has been adopted	No	No	No - some	No	No	No	No	No	No	No	Medium
Sheboygan County	Sheboygan	WI	Matthew Mrochinski	Code Administrator	No	No	Yes - it is currently being updated	Yes - General; based upon current mapping. Money has been budgeted for hazard zone mapping in conjunction with the updating of the hazard	No	Yes - Soil stabilization - location(s) not noted. County Road LS relocation project in Section 10 and 3 of the Town of Mosel because of continuing bluff slumping that is threatening highway. Construction is scheduled for 2013.	Yes - County Road LS bluff stabilization project in Section 10, T. of Mosel (2004)	Yes - General flood disaster recovery	No	Yes - County Road LS bluff stabilization project completed in attempt to stabilize area of lake bluff that was, due to erosion/slumping, threatening the integrity of the county highway.	Yes	Yes - Applied for but were not awarded any.		

Community Plans and Projects and Other GIS Data

CONTACT INFORMATION					COMMUNITY PLANS AND PROJECTS							GIS DATA
Community, County or State Organization	County	State	Contact Name	Contact Title	Does your community have a comprehensive plan? If so, was your hazard mitigation plan coordinated with the comprehensive plan?	Does your community's comprehensive plan have a special consideration for coastal areas?	Does your community have a coastal zone management plan?	Does your community have planning staff or a planning/zoning commission and other measures, such as ordinances, administrative plans, or other programs contributing to effective administration of floodplain zoning, building codes, open space preservation, and coastal zone management? If so, explain the role in floodplain management and provide examples of programs in place.	Does your community have areas of recent or planned development and areas of high growth or other natural land changes (e.g., wildfires or landslides):	Are there any locations of other ongoing studies or projects and studied areas that have been modified since the effective map and require an updated study (e.g., highway improvement, seawall improvement, etc.)	Any other comments/concerns based on local knowledge:	Other GIS Data Available - include type of data, date of data, data sources, etc if available
Metropolitan Water Reclamation District of Greater Chicago	Cook	IL	Jonathan Grabowy, P.E., CFM	Senior Civil Engineer	Yes - Our community has a Comprehensive Plan. No - Our community's Hazard Mitigation Plan was not coordinated with the Comprehensive Plan. We have a Capital Improvement Plan for Stormwater issue	No	No	Yes - MWRD has a local sewerage ordinance that requires additional measures on development in the floodplain in the separate sewer area.	No	Yes - None are coastal.		
Winnetka, Village of	Cook	IL	Susan Chen	Assistant Village Engineer	Yes - Our community has a Comprehensive Plan. No - Our community's Hazard Mitigation Plan was not coordinated with the Comprehensive Plan.	No	No	Yes - Assistant Village Engineer reviews all building permits in floodplain and enforces Village's flood hazard protection ordinance.	No	No	facility information provided on form	GIS database provided that includes buildings, contours, street information, hydrology, parcels, and roads.
North Chicago, City of	Lake	IL	Josh Wheeler	Public Works Director/City Engineer	Yes - Our community has a Comprehensive Plan. No - Our community's Hazard Mitigation Plan was not coordinated with the Comprehensive Plan.		No	Yes - City Planner, City Engineer, and Building Commissioner review all permits. Drainage and flooding falls on City Engineer.	No	No	N/A - very little public coastal land. All other land is Navy or Abbott adjacent to lake.	
Helena Township	Antrim	MI	Guy E. Melby	Zoning Administrator	No	No	No	Yes.	No	No	No knowledge of any flooding areas in township	
Berrien County	Berrien	MI	Lex Winans	GIS/Land Description Director	Yes - Comprehensive Plan was coordinated with Hazard Mitigation Plan.			Yes, Harbor Shores Area? Benton Harbor				
Eveline Township	Charlevoix	MI	John Vrondran	Supervisor	No	Yes. Zoning.	Yes	Yes	No			

CONTACT INFORMATION					COMMUNITY PLANS AND PROJECTS							GIS DATA
Community, County or State Organization	County	State	Contact Name	Contact Title	Does your community have a comprehensive plan? If so, was your hazard mitigation plan coordinated with the comprehensive plan?	Does your community's comprehensive plan have a special consideration for coastal areas?	Does your community have a coastal zone management plan?	Does your community have planning staff or a planning/zoning commission and other measures, such as ordinances, administrative plans, or other programs contributing to effective administration of floodplain zoning, building codes, open space preservation, and coastal zone management? If so, explain the role in floodplain management and provide examples of programs in place.	Does your community have areas of recent or planned development/re-development and areas of high growth or other natural land changes (e.g., wildfires or landslides):	Are there any locations of other ongoing studies or projects and studied areas that have been modified since the effective map and require an updated study (e.g., highway improvement, seawall improvement, etc.)	Any other comments/concerns based on local knowledge:	Other GIS Data Available - include type of data, date of data, data sources, etc if available
Brampton, Township of	Delta	MI	Dennis J. Maufont	Township Supervisor	Yes - It was a regional comprehensive plan.	No	No	No. Our Zoning & Building permits are handled at the county.	No	No		
Escanaba, City of	Delta	MI	Terry Flower									
Cross Village Township	Emmet	MI	Gene Reck	Supervisor	No	No	No	No				
Harbor Springs, City of	Emmet	MI	Tom Richards	City Manager	No	No	No	Yes. Have flood damage prevention ordinance.	No	No		
Little Traverse Township	Emmet	MI	Randy Frykberg	Zoning/Planning Consultant	Yes	No	dune overlay district with special zoning in our zoning ordinance	Yes. Dune Overlay District, Component of/zoning Ordinance.				
West Traverse Township	Emmet	MI	Randy Frykberg, Ph.D.	Zoning Administrator/Planner	Yes	Yes.	No	Yes. Planning Commission and Zoning Administrator Minimal role in floodplain Management. Role is adhere to/enforce Zoning Ordinance And Master Plan.	No	No		
Acme Township	Grand Traverse	MI	Nikki LenNox	Zoning Administrator	Yes. Comprehensive Plan was not coordinated with Hazard Mitigation Plan.	Yes	No	Yes. Enhanced set backs from river,lakes, and streams as well as shoreline vegetation.	Yes	N/A	Acme Creek at lautner Rd 2/3 Mi S of M 72 There is a pond that sometimes floods the east side of road on lautner	

CONTACT INFORMATION					COMMUNITY PLANS AND PROJECTS							GIS DATA
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Leelanau Township	Leelanau	MI	Deborah Serwin	Zoning Administrator	Yes	Yes. Recommends Flood zones As Recreational Or Conservation Uses; Disturbed Area Reduction In Sensitive Regions; Steep Slope Preservation; Island Conservation.	No	Yes. Zoning Admin-Zoning Ordinance Sect 10.3.c- Flood Insurance Required.	Yes. Slope & Bluff Slumping On Lake Michigan Shoreline.	No		
Suttons Bay, Village of	Leelanau	MI	Wally Delamater	Village Manager	No	No	No	Yes. Does not build within a 100 year floodplain.	No	No		
Hudson Township	Mackinac	MI	Allyn Garavaglia	Supervisor	No	No	No	No	No	No	Would like to know of any areas in Hudson that may fall in the floodplain. Want to protect our citizens from any issues we should be aware of.	
Manistee, City of	Manistee	MI	Denise Blakeslee	Planning & Zoning	Yes	No	No	Yes and No. Have staff/ commission but do not have programs	No	No		
Mason County	Mason	MI	Fabian Knizacky	County Administrator	Yes. Update of current Hazard Mitigation Plans will be coordinated with the Comprehensive Plan. Current Plan is Not.	Yes. Participate in MDEQ objectives and strategies 11.A Floodplain, Critical Dunes, and High Risk Erosion prior to issuing	No	Yes. Cooperative with MDEQ prior to issuance of permits on Lake Michigan or rivers (Sauble, Lincoln, and Pere Marquette Rivers). Review of soils./slopes as part of Special Land Uses.	No	No		

CONTACT INFORMATION					COMMUNITY PLANS AND PROJECTS							GIS DATA
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Menominee County Emergency Management	Menominee	MI	Trina Rabida	Emergency Management Coordinator	Yes - Our community has a Comprehensive Plan. No - The Hazard Mitigation Plan was not coordinated with the Comprehensive Plan. The two plans were reviewed by two completely different entities (the Hazard Mitigation Plan by CUPPAD and the comprehensive plan by the Menominee County Planning Commission). This plan is now titled "Menominee County Master Plan."	The plan discusses floodplain and wetland areas.	Unknown	Menominee County does have a Planning Commission. Contact information can be obtained from the Menominee County Administrator's office: 906-863-7779	Unknown	Unknown	Menominee County's Floodplain Administrator is Daniel Menacher, whose primary job is Building Code Enforcement. CUPPAD is working on the updating of our Hazard Mitigation Plan, which expired in April 2012 and will take approximately 18-24 months for the review/update/approval process. Understanding that municipalities within the county also have their own roles and responsibilities with regard to these types of things, I can only answer for my office. I have only been in the Emergency Management Coordinator position for 6 months and have to rely on the records and information made available to me. In other words, the answers on this survey may not necessarily be all-inclusive for Menominee County as a whole.	
Laketon Township	Muskegon	MI	Kim Arter	Supervisor	No	No	No	Yes. Reference: 2009 MBC Sec. R322 2009 MBC Sec 1612 2009 MBC Appendix G	No	No		
BeNona Township	Oceana	MI	Bill Airy	Zoning Administrator/Coordinator "Flood Maps"	Yes. Master Plan.	Yes	Unknown	Yes. Coordinate with DEQ State County Soil Erosion. Zoning Ordinance.	No	No		

CONTACT INFORMATION					COMMUNITY PLANS AND PROJECTS							GIS DATA
Community, County or State Organization	County	State	Contact Name	Contact Title	Does your community have a comprehensive plan? If so, was your hazard mitigation plan coordinated with the comprehensive plan?	Does your community's comprehensive plan have a special consideration for coastal areas?	Does your community have a coastal zone management plan?	Does your community have planning staff or a planning/zoning commission and other measures, such as ordinances, administrative plans, or other programs contributing to effective administration of floodplain zoning, building codes, open space preservation, and coastal zone management? If so, explain the role in floodplain management and provide examples of programs in place.	Does your community have areas of recent or planned development/re-development and areas of high growth or other natural land changes (e.g., wildfires or landslides):	Are there any locations of other ongoing studies or projects and studied areas that have been modified since the effective map and require an updated study (e.g., highway improvement, seawall improvement, etc.)	Any other comments/concerns based on local knowledge:	Other GIS Data Available - include type of data, date of data, data sources, etc if available
Oceana County	Oceana	MI	Thomas Osborn	Emergency Mgmt. Coordinator	Yes. Comprehensive Plan was coordinated with Hazard Mitigation Plan	Unknown	Unknown	Yes. Township based.	Yes. Small scale developments along the coastline. Home/small subdivision level.	No		
Ferrysburg, City of	Ottawa	MI	Craig Bessinger	City Manager	Yes. Comprehensive Plan was coordinated with Hazard Mitigation Plan	No	No	Yes. Site plans are reviewed to comply with flood plain regulations.	No	No		
Grand Haven, City of	Ottawa	MI	Kristin Turkleson	City Planner	Yes. Comprehensive Plan was not coordinated with Hazard Mitigation Plan.	Yes. Sensitive area overlay - review Impacts on sensitive areas (flood dunes).	No	Yes	No	No		
Ottawa County	Ottawa	MI	Paul Geerlings	Drain Commissioner	N/A	N/A	N/A	N/A	No	Yes. MDEQ & EPA Requirements For Upsizing Road Culvert.	I have Noticed Inaccurate Flood Plain & Flood way Areas on the New FEMA Maps	
Port Sheldon Township	Ottawa	MI	Wayne Oosterink	Building & Zoning Official	Yes. Comprehensive Plan was not coordinated with Hazard Mitigation Plan.	No	No	Yes. Does not build within a 100 year floodplain.	No	No	Any Major Charges in Lake Michigan Height Could Lead To increased Erosion Like in the 1980's and 1990's	
Brown County Planning & Land Services Department	Brown	WI	Jeff DuMez	GIS Coordinator/Land Information Officer								Brown County Topo and Aerial data also available from the Brown County Planning Department

CONTACT INFORMATION					COMMUNITY PLANS AND PROJECTS							GIS DATA
Community, County or State Organization	County	State	Contact Name	Contact Title	Does your community have a comprehensive plan? If so, was your hazard mitigation plan coordinated with the comprehensive plan?	Does your community's comprehensive plan have a special consideration for coastal areas?	Does your community have a coastal zone management plan?	Does your community have planning staff or a planning/zoning commission and other measures, such as ordinances, administrative plans, or other programs contributing to effective administration of floodplain zoning, building codes, open space preservation, and coastal zone management? If so, explain the role in floodplain management and provide examples of programs in place.	Does your community have areas of recent or planned development/re-development and areas of high growth or other natural land changes (e.g., wildfires or landslides):	Are there any locations of other ongoing studies or projects and studied areas that have been modified since the effective map and require an updated study (e.g., highway improvement, seawall improvement, etc.)	Any other comments/concerns based on local knowledge:	Other GIS Data Available - include type of data, date of data, data sources, etc if available
Green Bay, City of	Brown	WI	Paul Naumeyer	Senior Planner/Zoning Administrator	Yes - Our community has a Comprehensive Plan. No - Our community's Hazard Mitigation Plan was not coordinated with the Comprehensive Plan.	Yes- Our community's comprehensive plan has special consideration for coastal areas. No - Elements/Regulations that affect coastal area development: Protect banks and floodplain areas with current floodplain regulations; Consideration with greenway design; and protect floodplain areas with available land use controls.	No	Yes	No	NO		Basemap and terrain data available
Sumamico, Village of	Brown	WI	Steve Dunks	Zoning Administrator	Yes - Our community has a Comprehensive Plan. No - Our community's Hazard Mitigation Plan was not coordinated with the Comprehensive Plan.	No	No	Yes	No	No		

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Door County Planning Department	Door	WI	Sue Vanden Langenberg	Zoning Administrator II	Yes - Our community has a Comprehensive Plan.	No	No	Yes - We administer the Door County Floodplain Zoning Ordinance and FIRMs adopted in 2009 per State and FEMA requirements.	No - Property is continually being developed and re-developed. I am not aware of any natural land changes such as landslides.	No		
Egg Harbor, Village of	Door	WI	Josh VanLieshout	Administrator	Yes	No	No	Yes	No	No		
Sister Bay, Village of	Door	WI	Robert L. Kufrin	Village Administrator	Yes - Our community has a Comprehensive Plan. No - Our community's Hazard Mitigation Plan was not coordinated with the Comprehensive Plan. Stormwater Plan was done after the Comprehensive Plan	No	No	Yes - Planning Commission reviews all development other than single family housing.	Yes - Areas along Bluff and ridges/swales area have proposed development in the past.	Yes - Proposed beach expansion in downtown area.		All topo data available from Door County Planning Dept. Stormwater Master Plan also available/provided.
Kenosha County	Kenosha	WI	Dan Treloar	County Conservationist	Yes - Our community has a Comprehensive Plan. No - Our community's Hazard Mitigation Plan was not coordinated with the Comprehensive Plan.	No	Yes - Lake Michigan Shoreline Recession and Bluff Stability report (SEWRPC TR No. 36)	Yes - Kenosha County-wide zoning is administered by the Department of Planning & Development. The County Zoning, Floodplain/Shoreland Ordinance regulates the development and land use with special concern for shoreland, wetland and floodplain areas.	No	Yes -I-94 NORTH-SOUTH Freeway Project will have an effect on the currently adopted DFIRMs.		LiDAR, Contours, Buildings, Orthophotography, Parcel Mapping, Parcel Tax Data, Right of Ways, Street Center Lines (Kenosha County)

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Kenosha, City of	Kenosha	WI	Rich Schroeder	Deputy Director, Department of Community Development	Yes - Our community has a Comprehensive Plan. Unknown -The Hazard Mitigation Plan may/may not have been coordinated with the Comprehensive Plan.	No	Yes - SEWRPC Technical Report No. 36	Yes - Community Development staff; Public Works/Engineering staff; Zoning Ordinance; Code of General Ordinances	Yes - Demolition of existing Chrysler industrial plant (no current plans for redevelopment)			Othophotography, Parcel Mapping, Parcel Tax Data, Right of Ways, Street Center Lines (Kenosha County)
Village of Pleasant Prairie	Kenosha	WI	Michael Spence (MS), P.E./Jean Werbie-Harris (JWH)	Village Engineer (MS)/Community Development Director- Planning and Zoning Administrator (JWH)	Yes - Our community has a Comprehensive Plan. Yes - The Hazard Mitigation Plan was coordinated with the Comprehensive Plan. Information was taken into account during the plan preparation. The Village's Comprehensive Plan is available on the Village website. Contact Jean Werbie-Harris for more information at 262-925-6717.	Yes - As the plan follows CAPR #88 for coastal and shoreland protection areas.	Yes - Lake Michigan Shoreline Recession and Bluff Stability report (SEWRPC TR No. 36)	Yes - Village zoning regulations are administered by the Community Development Department - Zoning Administrator and Deputy Zoning Administrator. The Village Zoning, Floodplain/Shoreland Ordinance regulates the development and land use with special concern for shoreland, wetland and floodplain areas.	No - We have no areas of planning new development in direct proximity (within 3/4 of a mile) to the coastal areas. However, there are numerous areas west of sheridan Road throughout the Village that have been developed and will be developed for urban purposes.	Yes - IH-94 NORTH-SOUTH Freeway Project will have an effect on the currently adopted DFIRMS.		Othophotography, Parcel Mapping, Parcel Tax Data, Right of Ways, Street Center Lines (Kenosha County)

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Southeastern Wisconsin Regional Planning Commission	Kenosha, Racine, Milwaukee and Ozaukee	WI	Laura L. Kletti P.E., CFM	Southeastern Wisconsin Regional Planning Commission							Several reports/documents and technical data are available online. GO TO: http://www.sewrpc.org/Data & Resources_Publication Search . 1. Technical Report No. 36 (1997) – Lake Michigan Shoreline Recession and Bluff Stability in Southeastern WI:1995 2. Memorandum Reports: a. No. 171 (2008) – Assessment of Lake Michigan Shoreline Erosion Control Structures in Racine County, WI; b. No. 156 (2004) – Lake Park Bluff Stability and Plant Community Assessment:2003 (Milwaukee County, WI) 3. Community Assistance Planning Report: a. No. 163 (1989) – A Lake Michigan Shoreline Erosion Management Plan for Milwaukee County, WI; b. No. 155 (1988) – A Lake Michigan Shoreline Erosion Management Plan for Northern Milwaukee County, WI; c. No. 110 (1984) – A Lake Michigan Coastal Erosion and Related Land Use Management Study for the City of St. Francis, WI; d. No. 86 (1982) – A Lake Michigan Coastal Erosion Management Study for Racine County, WI. Also, WCM_Erosion Study1977 is also available.	
Two Rivers, City of	Manitowoc	WI	Vicky Berg	Zoning Administrator	Yes - Our community has a Comprehensive Plan.	Yes - Majority of coast along Lake Michigan is zoned conservancy & designated as Park Land and Open Space.	No	Yes - Site & Architectural Plan review for structures conducted by City Staff and Planning Commission.	No	Yes - GLRI - Beach Study in conjunction with DNR.		Available Data for Two Rivers: 1. Trcty_e.dgn; trcty_n.dgn; trcty_s.dgn; These files contain information from April, 1996 aerial flight, including topography, 2-ft contours, building footprint, and other information. 2. Mappingtr.dgn; This file contains parcel layout for the City. 3. TWO_RIVERS.sid (.aux, .sdw) - aerial photography from April, 2010, for City of Two Rivers. NOTE: All files are in Wisconsin County Coordinate System, Manitowoc County. Vertical datum is NGVD 1929. Other information is available in ESRI shape file format if needed. Contact Scott Ahl at 920-793-5542 (office) or 920-973-8067 (cell).

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Village of Cleveland	Manitowoc	WI	Steven G. Simons	Director of Public Works	Yes - Our community has a Comprehensive Plan. No - Our community's Hazard Mitigation Plan was not coordinated with the Comprehensive Plan.	Yes - Plan to maintain open spaces and restrict development in the 100-year floodplain.	No	Yes - Comprehensive Plan; Updated floodplain ordinance in Village; and Code of Ordinances	No	No		
Milwaukee County	Milwaukee	WI	Brad Blumer	GIS Specialist								Milwaukee County Planimetric Coastal Data was provided. Contact Brad Blumer to coordinate obtaining county data.
Oconto County	Oconto	WI	Pat Virtues	Oconto County Zoning & Solid Waste Administrator	Yes - Our community has a Comprehensive Plan. Yes - The Hazard Mitigation Plan was coordinated with the Comprehensive Plan.	Yes - pg 3-3, Future Land Use pg 3-10, Environmental Corridors; pg 4-3, Floodplain Ordinance; pg 4-6, 4-7, Natural Resources (Goals, Objectives, and Associated policies)	No	Yes - Planning & Zoning Committee, P&Z staff, Oconto County Floodplain Ordinance, Hazard Mitigation Plan	No	Yes - Errors in Zone A boundaries for Reservoir Pond, Townsend Flowage and McCaslin Brook. See Case # 11-05-2349P. Numerous LOMA's issued since adoption in this area.		
Racine County	Racine	WI	Julie A. Anderson	Director, Public Works & Development Services	Yes - Our community has a Comprehensive Plan. Yes - The Hazard Mitigation Plan was coordinated with the Comprehensive Plan.	No	Yes - Very old, done 30+ years ago	Yes - No building in floodplain zones without compliance to ordinances. Bluff stabilization required before permits issued for new construction on top of buff along Lake Michigan.	No	No	The Southeastern Wisconsin Regional Planning Commission has most of the data sets requested in this survey. Also, coastal structures in Racine County were studied by Dr. Scudder Mackey in past 5 years. In Racine County, there are many high bluffs, and there is likely higher erosion risk than flood risk.	

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Racine, City of	Racine	WI	Brian F. O'Connell	Director of City Development	Yes - Our community has a Comprehensive Plan. Yes - The Hazard Mitigation Plan was coordinated with the Comprehensive Plan.	No	No	Yes	No	No		Parcel data is available. Contact Brian O'Connell
Sheboygan County	Sheboygan	WI	Matthew Mrochinski	Code Administrator	Yes - Our community has a Comprehensive Plan. Yes - The Hazard Mitigation Plan was coordinated with the Comprehensive Plan. Hazard mitigation plan in process of being updated.	No	No	Yes - Administration of the county's shoreland and floodplain zoning ordinances. Requirement of increased building setbacks in bluff area of Lake Michigan coastline.	No	No		Contours and shoreline data were provided. NOTE: The Sheboygan River is one or 39 remaining "Areas of Concern" on the Great Lakes. (see Sheboygan_AOC_08-15-12 attachment)