# SCCIN South Carolina Coastal Information Network

# Flood Resources Guide

An interactive guide to help coastal South Carolina citizens prepare, respond, and adapt to flooding events.



Photo / Sean Bath, S.C. Sea Grant Consortium

# Flood Resources Guide

Product Number SCSGC-H-17-02

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## Introduction

Thanks so much for utilizing our flood resources guide; we hope you find it both useful and educational. This project arose after the historic flooding of October 1-5, 2015 in South Carolina. An overview of that event from The National Weather Service can be found <u>here</u>.

During and after the event, friends and colleagues of the South Carolina Coastal Information Network (SCCIN) reached out to us to provide resources that might help anyone needing to prepare for, respond to, recover from, or adapt to flooding events. These resources underwent an initial vetting process, and then were displayed on the SCCIN web portal under the category of 'SCFlood' to be accessible to those who might benefit from their use. The selected resources were then evaluated to produce this guide to make the resources easier to navigate.

Many of these resources were sent to us from the Extension Disaster Education Network (EDEN). They have an excellent database of information on flooding, in addition to a variety of other disasters. Please visit their website <u>here</u> or their specific <u>Floods and Flooding article</u>.

#### **Evaluation Process**

After initial vetting was conducted, all resources underwent an evaluation. The evaluation was conducted by SCCIN members, who volunteered their time to assess each resource based upon a universal rubric. This rubric can be found in the Appendix of this guide. Each resource was evaluated by a single SCCIN member, who looked at both the quality of the resource as well as to whom it could be most helpful. Resources were scored based on quality points and could receive a score of 0-30 points. Resources that received 20 or more quality points were included in this guide.

#### How to Use this Guide

Please use the Table of Contents to select how you would like to browse the resources (by purpose, focus, or audience). Clicking your desired option will take you to another menu of options. Select the option in which you are interested to be directed to a list of applicable resources. When you want to return to the Table of Contents simply select "Return to Table of Contents" at the bottom of the page. Resources are rated based on quality points: +=good, ++=better, +++=best.

#### Acknowledgements

This project would not have been possible without our friends, colleagues, and EDEN network members who reached out to us during and after the October 2015 floods, SCCIN members who helped evaluate resources, and April Turner and Chelsea Acres with the S.C. Sea Grant Consortium.

A publication sponsored by the South Carolina Sea Grant Consortium pursuant to National Oceanic and Atmospheric Administration award number NA14OAR4170088.

## Browse by Purpose

Preparation Response Recovery Adaptation



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## Preparation

Rating	Title	Source
***	Heavy Rain Flood Risk	Federal Emergency Management
		Agency
**	Start an Emergency Fund Before Disaster Strikes	University of Minnesota
**	Flood Damaged Crops, Crop Insurance Payments, and Lease Contracts	Iowa State University Extension and
		Outreach
**	Tropical Storm and Hurricane Flood Risk	Federal Emergency Management
		Agency
**	Preparing for the Unexpected	Texas A&M University AgriLife
		Extension
**	Ready for Rain: Dry Floodproofing	Louisiana State University
**	Flood Risk and Flood Insurance	Federal Emergency Management
		Agency
**	Flood Resources & FACTS of Resilience Webinar	University of Minnesota Extension
•	The Hazard Mitigation Assistance Grant Programs	Federal Emergency Management
		Agency
•	Preferred Risk Policy: Residential	Federal Emergency Management
		Agency
•	Preferred Risk Policy: Commercial	Federal Emergency Management
•	Licing Dumps in Flood Distortion	Agency
• •	Using Pumps in Flood Protection Avoid Home Repair Fraud	Louisiana State University North Dakota State University
•	Social Media Flood Map	College of Charleston
•	Family Financial Recovery from a Natural Disaster Webinar	North Dakota State University
•		Extension
•	Answers to Tough Questions: Talking Points for Community Officials	Federal Emergency Management
	rinswers to rough questions. Taking romes for community officials	Agency
•	The Disaster Handbook - National Edition	University of Florida IFAS Extension
•	ACES HandbookFlooded Farm Vehicles and Equipment	Alabama A&M University and Auburn
		University
•	Reducing the Impact of Flooding - Agricultural Chemicals	University of Minnesota Extension
•	FloodSmart Resources for Floodplain Managers	Federal Emergency Management
		Agency
•	Preparing Your Pets for Emergencies Makes Sense	Federal Emergency Management
		Agency
•	Steps to Reduce Flood and Water Damage	North Dakota State University
•	Ready for Rain: Wet Floodproofing	North Dakota State University
•	Ensuring that Structures Built on Fill In or Near Special Flood Hazard Areas are	Federal Emergency Management
	Reasonably Safe from Flooding (Technical Bulletin 10)	Agency
•	Assessing the Risk of Groundwater Contamination from Petroleum Product Storage	Missouri Extension
•	Flood Safety	National Weather Service
•	Storm/Flooding Info Flood Damage-Resistant Materials Requirements	Charleston County
•	FIUUU Damage-Resistant Materials Requirements	Federal Emergency Management
•	How to Dropara for a Hurricana	Agency
<b>v</b>	How to Prepare for a Hurricane	Federal Emergency Management Agency
•	Pesticide Storage Concerns During a FloodPrevention and Emergency Response	University of Florida Cooperative
*	residue storage concerns burning a noourrevention and Emergency Response	Extension Service
		LATENSION SELVICE

## Response

Rating	Title	Source
***	What to Do After the Flood	U.S. Environmental Protection Agency
**	Dealing with Disaster Reaction: Tips for Effective Communication (Video)	North Dakota State University
		Extension Service
•	ACES HandbookFlooded Farm Vehicles and Equipment	Alabama A&M University Extension
		and Auburn University Extension
+	FloodSmart Resources for Floodplain Managers	Federal Emergency Management
		Agency
•	ACES Handbook Caring for Trees: Hiring an Arborist	Alabama A&M University Extension
		and Auburn University Extension
•	Emergency Disinfection of Drinking Water	U.S. Environmental Protection Agency
•	Repairing Flood-Damaged Farm Fields	Iowa State University Extension and
		Outreach and University of Nebraska
		Extension
•	Reconditioning Machinery & Equipment	Texas A&M University AgriLife
		Extension
+	Flooded Floors and Woodwork - Cleaning	University of Minnesota
•	Managing Flooded Grain Bins	eXtension.org
•	Webinar to Address Flood Recovery for Cropland	Iowa State University Extension and
		Outreach
*	How to Prepare for a Hurricane	Federal Emergency Management
		Agency
•	Storm/Flooding Info	Charleston County
*	Pesticide Storage Concerns during a FloodPrevention and Emergency Response	University of Florida Cooperative
		Extension Service
•	Flood Safety	National Weather Service
+	Check Your Sump Pump	North Dakota State University
•	Health Concerns About Mold	Alabama A&M University Extension
		and Auburn University Extension
•	Tax Relief for Victims of Severe Storms and Flooding in South Carolina	Internal Revenue Service
•	Apply for Assistance	Federal Emergency Management
		Agency
*	Resources for Your Flooded Home	University of Missouri Extension
•	Protect Your Basement from Flood Damage	North Dakota State University
		Extension Service
•	Pasture & Soil Management Following Tidal Saltwater Intrusion	Texas A&M AgriLife Extension
•	Flood Recovery Checklists for Farmsteads	North Dakota State University
•	Boil Water Emergencies	S.C. Department of Health and
		Environmental Control
•	Salvaging Flood-Damaged Agricultural Buildings	eXtension.org

	Recovery	
Rating	Title	Source
**	Flood Damaged Crops, Crop Insurance Payments, and Lease Contracts	Iowa State University Extension and Outreach
**	Providing Emotional and Physical Support: Helping the Helpers in Times of Crisis	North Dakota State University Extension Service
**	Flood Damaged Home: Introduction	North Dakota State University Extension Service
**	Dealing with Disaster Reaction: Tips for Effective Communication	North Dakota State University Extension Service
**	Preparing for the Unexpected	Texas A&M University AgriLife Extension
**	After the Flood	Federal Emergency Management Agency
**	Preventing Fraud Following a Disaster	Texas A&M Extension
**	Removing Mold from Your Home	Federal Emergency Management
		Agency
**	Flooded Pesticides	North Dakota State University Extension Service
**	Flooded Home: Inspecting the Outside of the Structure	North Dakota State University Extension Service
**	Advisory Base Flood Elevations (ABFE) During Rebuilding	Texas Sea Grant
**	Flood Recovery	New York Homeland Security and Emergency Services
**	ACES Handbook Cleaning Dishes and Utensils	Alabama A&M University Extension and Auburn University Extension
**	Flooded Home: Checking Out the Mechanical Systems	North Dakota State University Extension Service
**	Dealing with Disaster Reaction: Tips for Effective Communication (Video)	North Dakota State University Extension Service
•	The Hazard Mitigation Assistance Grant Programs	Federal Emergency Management Agency
•	Family Financial Recovery from a Natural Disaster Webinar	North Dakota State University Extension Service
•	The Disaster Handbook - National Edition	University of Florida IFAS Extension
*	Water-damaged Walls Can Be Repaired	North Dakota State University Extension Service
<b>*</b>	Cleaning Carpets and Floors After a Storm or Flood	LSU Ag Center
	Dry Before Restoring Flood-Damaged Buildings	North Dakota State University Extension Service
* *	Safely Using Produce from Flooded Gardens	University of Wisconsin
	ACES Handbook: Salvaging Clothing	Alabama A&M University Extension and Auburn University Extension
•	Flood Information: Dry Out Before Rebuilding	North Dakota State University
*	Flood Damaged Home: Cleaning After the Flood	North Dakota State University Extension Service
•	Is it Mold?	North Dakota State University Extension Service
+	Flooding and Stored Grain	Iowa State University Extension
•	ACES Handbook Caring for Trees: Hiring an Arborist	Alabama A&M University Extension and Auburn University Extension
•	Emergency Disinfection of Drinking Water	U.S. Environmental Protection Agency
*	Repairing Flood-Damaged Farm Fields	Iowa State University Extension and Outreach and University of Nebraska Extension
•	Apply for a Disaster Loan	U.S. Small Business Association
*	Answers to Questions About Substantially Damaged Building	Federal Emergency Management Agency
•	Recover from a Flood	USDA and NIFA
•	Flooded House Clean Up	North Dakota State University
•	Planning Ahead: Portable Generator Safety	Extension Service North Dakota State University
•	Making Home Repairs After a Disaster	Extension Service
•	אימאחק חסחוב הבשמויס אונכו מ טוסמסנכו	LATCHOUT

#### Recovery

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+	Removing Mold Only Safe Option	North Dakota State University
		Extension Service
•	How to Remove Mildew	University of Minnesota Extension
•	How to Prepare for a Hurricane	Federal Emergency Management
		Agency
•	Storm/Flooding Info	Charleston County
•	Health Concerns About Mold	Alabama A&M University Extension
		and Auburn University Extension
•	Tax Relief for Victims of Severe Storms and Flooding in South Carolina	Internal Revenue Service
•	Apply for Assistance	Federal Emergency Management
		Agency
•	Resources for Your Flooded Home	University of Missouri Extension
•	Protect Your Basement from Flood Damage	North Dakota State University
		Extension Service
•	Pasture & Soil Management Following Tidal Saltwater Intrusion	Texas A&M AgriLife Extension
•	Flood Recovery Checklists for Farmsteads	North Dakota State University
		Extension Service
•	Flood Damage-Resistant Materials Requirements	Federal Emergency Management
		Agency
•	Ready for Rain: Wet Floodproofing	LSU Ag Center
•	Pumping Out Flood Water	Alabama A&M University Extension
		and Auburn University Extension
•	Flooded House Clean-Up Process	North Dakota State University
•	Let Professionals Restore Flood-Damaged Heating Systems	North Dakota State University
		Extension Service

## Adaptation

Rating	Title	Source
*	Social Media Flood Map	College of Charleston
*	Health Concerns About Mold	Alabama A&M University Extension and Auburn University Extension
*	Flood Damage-Resistant Materials Requirements	Federal Emergency Management Agency
*	Ensuring that Structures Built on Fill In or Near Special Flood Hazard Areas are Reasonably Safe from Flooding (Technical Bulletin 10)	Federal Emergency Management Agency

#### Browse by Focus

#### Home and Personal Property

Buildings (Structures that are not homes, such as storage facilities, garages, commercial buildings, sheds, etc.)

#### Physical and Mental Health

Community Well-Being (Neighborhood action, community relations, etc.) Automobile/Transportation Hazards

*Water Quality/Safety* (Drinking water, storm water, water depth, etc.)

Safety

Soils and Crops

Livestock

Pets

Personal Finance (Insurance, grants, disaster loans, etc.) Food Safety

Utilities (Electricity, running water, gas, etc.) Miscellaneous



## Home and Personal Property

Rating	Title	Source
***	Heavy Rain Flood Risk	Federal Emergency Management
		Agency
**	Flood Damaged Home: Introduction	North Dakota State University
		Extension Service
**	Preparing for the Unexpected	Texas A&M University AgriLife Extension
**	After the Flood	Federal Emergency Management Agency
**	Preventing Fraud Following a Disaster	Texas A&M University AgriLife Extension
**	Removing Mold from Your Home	Federal Emergency Management Agency
**	Flood Information: Flood-Damaged Carpets, Rugs May Be Saved	North Dakota State University Extension Service
**	Tropical Storm and Hurricane Flood Risk	Federal Emergency Management Agency
**	Flooded Home: Inspecting the Outside of the Structure	North Dakota State University Extension Service
**	ACES Handbook Cleaning Dishes and Utensils	Alabama A&M University Extension and Auburn University Extension
**	Flooded Home: Checking Out the Mechanical Systems	North Dakota State University Extension Service
**	Flood Resources & FACTS of Resilience Webinar	University of Minnesota Extension
**	Flood Risk and Flood Insurance	Federal Emergency Management Agency
**	Ready for Rain: Dry Floodproofing	LSU Ag Center
•	Social Media Flood Map	College of Charleston
•	Using Pumps in Flood Protection	LSU Ag Center
*	Preferred Risk Policy: Residential	Federal Emergency Management Agency
<b>*</b>	The Disaster Handbook - National Edition	University of Florida IFAS Extension
*	Water-Damaged Walls Can Be Repaired	North Dakota State University Extension Service
<b>*</b>	Cleaning Carpets and Floors After a Storm or Flood	LSU Ag Center
•	Dry Before Restoring Flood-Damaged Buildings	North Dakota State University Extension Service
*	ACES Handbook: Salvaging Clothing	Alabama A&M University Extension and Auburn University Extension
*	Flood Information: Dry Out Before Rebuilding	North Dakota State University Extension Service
*	Flood Damaged Home: Cleaning After the Flood	North Dakota State University
*	Is it Mold?	Extension Service North Dakota State University
•	land acting the man for Church and Dansage	Extension Service
•	Inspecting Homes for Structural Damage Apply for a Disaster Loan	University of Nebraska - Lincoln U.S. Small Business Association
*	Answers to Questions About Substantially Damaged Buildings	Federal Emergency Management Agency
•	Recover from a Flood	USDA and NIFA
*	Flooded House Clean Up	North Dakota State University Extension Service
*	Planning Ahead: Portable Generator Safety	North Dakota State University Extension Service
+	Making Home Repairs After a Disaster	eXtension.org
+	Removing Mold Only Safe Option	North Dakota State University Extension Service
+	How to Remove Mildew	University of Minnesota Extension
•	Flooded Floors and Woodwork - Cleaning	University of Minnesota
*	Health Concerns About Mold	Alabama A&M University Extension and Auburn University Extension
*	Flood Damage-Resistant Materials Requirements	Federal Emergency Management Agency



•	Ensuring that Structures Built on Fill In or Near Special Flood Hazard Areas are	Federal Emergency Management
	Reasonably Safe from Flooding (Technical Bulletin 10)	Agency
•	How to Prepare for a Hurricane	Federal Emergency Management
		Agency
•	Resources for Your Flooded Home	University of Missouri Extension
+	Protect Your Basement from Flood Damage	North Dakota State University
		Extension Service
+	Ready for Rain: Wet Floodproofing	LSU Ag Center
+	Pumping Out Flood Water	Alabama A&M University Extension
		and Auburn University Extension
+	Flooded House Clean-Up Process	North Dakota State University
		Extension Service
•	Let Professionals Restore Flood-Damaged Heating Systems	North Dakota State University
		Extension Service
+	Check Your Sump Pump	North Dakota State University
		Extension Service
•	Boil Water Emergencies	S.C. Department of Health and
		Environmental Control
+	Steps to Reduce Flood and Water Damage	North Dakota State University
		Extension Service
•	Mitigation of Flood and Erosion Damage to Residential Buildings in Coastal Areas	Federal Emergency Management
		Agency

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#### Buildings

# (Structures that are not homes, such as storage facilities, garages, commercial buildings, sheds, etc.)

Rating	Title	Source
**	Preparing for the Unexpected	Texas A&M University AgriLife
		Extension
**	Preventing Fraud Following a Disaster	Texas A&M University AgriLife
		Extension
**	Removing Mold from Your Home	Federal Emergency Management
		Agency
**	Tropical Storm and Hurricane Flood Risk	Federal Emergency Management
		Agency
**	Flood Risk and Flood Insurance	Federal Emergency Management
		Agency
**	Advisory Base Flood Elevations (ABFE) During Rebuilding	Texas Sea Grant
•	Social Media Flood Map	College of Charleston
•	Using Pumps in Flood Protection	LSU Ag Center
+	Preferred Risk Policy: Commercial	Federal Emergency Management
		Agency
•	The Disaster Handbook - National Edition	University of Florida IFAS Extension
•	Dry Before Restoring Flood-Damaged Buildings	North Dakota State University
		Extension Service
•	Apply for a Disaster Loan	U.S. Small Business Association
•	Answers to Questions About Substantially Damaged Buildings	Federal Emergency Management
		Agency
*	Flooded House Clean Up	North Dakota State University
		Extension Service
•	Flooded Floors and Woodwork - Cleaning	University of Minnesota Extension
•	Managing Flooded Grain Bins	USDA and NIFA
+	Reducing the Impact of Flooding - Agricultural Chemicals	University of Minnesota Extension
*	Health Concerns About Mold	Alabama A&M University Extension
•		and Auburn University Extension
•	Flood Damage-Resistant Materials Requirements	Federal Emergency Management
•	Even the thet Characterize D. These Fill to as New Countral Floor different Assessment	Agency
•	Ensuring that Structures Built on Fill In or Near Special Flood Hazard Areas are	Federal Emergency Management
•	Reasonably Safe from Flooding (Technical Bulletin 10)	Agency
•	Ready for Rain: Wet Floodproofing	LSU Ag Center
•	Pumping Out Flood Water	Alabama A&M University Extension
•	Elected House Clean Lin Dresses	and Auburn University Extension North Dakota State University
•	Flooded House Clean-Up Process	Extension Service
•	Check Your Sump Pump	North Dakota State University
•	<u>Check four sump rump</u>	Extension Service
•	Mitigation of Flood and Erosion Damage to Residential Buildings in Coastal Areas	Federal Emergency Management
·	miligation of Flood and Erosion Damage to Residential Buildings in Coastal Areas	
•	Eload Pacayony Chacklists for Farmetaads	Agency North Dakota State University
•	Flood Recovery Checklists for Farmsteads	Extension Service
•	Salvaging Flood Damagod Agricultural Buildings	
•	Salvaging Flood-Damaged Agricultural Buildings	eXtension.org
•	Assessing the Risk of Groundwater Contamination from Petroleum Product Storage	Missouri Extension



#### Physical and Mental Health

Rating	Title	Source
**	Providing Emotional and Physical Support: Helping the Helpers in Times of Crisis	North Dakota State University
		Extension Service
**	Dealing with Disaster Reaction: Tips for Effective Communication	North Dakota State University
		Extension Service
**	Preparing for the Unexpected	Texas A&M University AgriLife
		Extension
**	Flood Resources & FACTS of Resilience Webinar	University of Minnesota Extension
**	Flood Recovery	New York Homeland Security and
		Emergency Services
**	Dealing with Disaster Reaction: Tips for Effective Communication (Video)	North Dakota State University
		Extension Service
•	Social Media Flood Map	College of Charleston
•	The Disaster Handbook - National Edition	University of Florida IFAS Extension
•	Health Concerns About Mold	Alabama A&M University Extension
		and Auburn University Extension
•	How to Prepare for a Hurricane	Federal Emergency Management
		Agency
+	Resources for Your Flooded Home	University of Missouri Extension

#### Community Well-Being

#### (Neighborhood action, community relations, etc.)

Rating	Title	Source
**	Dealing with Disaster Reaction: Tips for Effective Communication	North Dakota State University
		Extension Service
**	Flood Recovery	New York Homeland Security and
		Emergency Services
•	Social Media Flood Map	College of Charleston
•	Avoid Home Repair Fraud	North Dakota State University
		Extension Service
•	The Disaster Handbook - National Edition	University of Florida IFAS Extension
•	Answers to Tough Questions: Talking Points for Community Officials	Federal Emergency Management
		Agency

#### Automobile/Transportation Hazards

Rating	Title	Source
•	Social Media Flood Map	College of Charleston
*	The Disaster Handbook - National Edition	University of Florida IFAS Extension



#### Water Quality/Safety

#### (Drinking water, storm water, water depth, etc.)

Rating	Title	Source
***	What to Do After the Flood	U.S. Environmental Protection Agency
**	Preparing for the Unexpected	Texas A&M University AgriLife
		Extension
**	Flooded Pesticides	North Dakota State University
		Extension Service
**	Flood Recovery	New York Homeland Security and
		Emergency Services
<b>* *</b>	Flood Resources & FACTS of Resilience Webinar	University of Minnesota Extension
•	The Disaster Handbook - National Edition	University of Florida IFAS Extension
•	Emergency Disinfection of Drinking Water	U.S. Environmental Protection Agency
*	FloodSmart Resources for Floodplain Managers	Federal Emergency Management
		Agency
•	Assessing the Risk of Groundwater Contamination from Petroleum Product Storage	Missouri Extension
*	Boil Water Emergencies	S.C. Department of Health and
		Environmental Control
+	Pesticide Storage Concerns During a FloodPrevention and Emergency Response	University of Florida Cooperative
		Extension Service

#### Safety

Rating	Title	Source
***	What to Do After the Flood	U.S. Environmental Protection Agency
**	Preparing for the Unexpected	Texas A&M University AgriLife Extension
**	Flood Recovery	New York Homeland Security and Emergency Services
**	ACES Handbook Cleaning Dishes and Utensils	Alabama A&M University Extension and Auburn University Extension
+	Social Media Flood Map	College of Charleston
+	The Disaster Handbook - National Edition	University of Florida IFAS Extension
*	Planning Ahead: Portable Generator Safety	North Dakota State University Extension Service
*	Pesticide Storage Concerns During a FloodPrevention and Emergency Response	University of Florida Cooperative Extension Service
+	How to Prepare for a Hurricane	Federal Emergency Management Agency
•	Resources for Your Flooded Home	University of Missouri Extension
*	Flood Damage-Resistant Materials Requirements	Federal Emergency Management Agency
+	Storm/Flooding Info	Charleston County
+	Flood Safety	National Weather Service

## Soils and Crops

Rating	Title	Source
**	Flood Damaged Crops, Crop Insurance Payments, and Lease Contracts	Iowa State University Extension and Outreach
**	Preparing for the Unexpected	Texas A&M University AgriLife Extension
**	Flooded Pesticides	North Dakota State University Extension Service
•	The Disaster Handbook - National Edition	University of Florida IFAS Extension
•	Safely Using Produce from Flooded Gardens	University of Wisconsin
•	Flooding and Stored Grain	Iowa State University Extension
•	Recover from a Flood	USDA and NIFA
*	ACES Handbook Caring for Trees: Hiring an Arborist	Alabama A&M University Extension and Auburn University Extension
*	Repairing Flood-Damaged Farm Fields	lowa State University Extension and Outreach and University of Nebraska Extension
*	Webinar to Address Flood Recovery for Cropland	Iowa State University Extension and Outreach
*	Flood Recovery Checklists for Farmsteads	North Dakota State University Extension Service
*	Pasture & Soil Management Following Tidal Saltwater Intrusion	Texas A&M University AgriLife Extension

#### Livestock

Rating	Title	Source
**	Flood Damaged Crops, Crop Insurance Payments, and Lease Contracts	Iowa State University Extension and
		Outreach
**	Preparing for the Unexpected	Texas A&M University AgriLife
		Extension
**	Flood Resources & FACTS of Resilience Webinar	University of Minnesota Extension
*	Social Media Flood Map	College of Charleston
•	The Disaster Handbook - National Edition	University of Florida IFAS Extension
•	Flood Recovery Checklists for Farmsteads	North Dakota State University
		Extension Service

#### Pets

Rating	Title	Source
**	Preparing for the Unexpected	Texas A&M University AgriLife
		Extension
**	Flood Resources & FACTS of Resilience Webinar	University of Minnesota Extension
•	Social Media Flood Map	College of Charleston
*	The Disaster Handbook - National Edition	University of Florida IFAS Extension
•	How to Prepare for a Hurricane	Federal Emergency Management
		Agency
*	Preparing Your Pets for Emergencies Makes Sense	Federal Emergency Management
		Agency



#### Personal Finance

#### (Insurance, grants, disaster loans, etc.)

Rating	Title	Source
**	Flood Damaged Crops, Crop Insurance Payments, and Lease Contracts	Iowa State University Extension and
		Outreach
**	Start an Emergency Fund Before Disaster Strikes	University of Minnesota Extension
**	Preventing Fraud Following a Disaster	Texas A&M University AgriLife
		Extension
**	After the Flood	Federal Emergency Management
		Agency
**	Flood Resources & FACTS of Resilience Webinar	University of Minnesota Extension
**	Flood Risk and Flood Insurance	Federal Emergency Management
		Agency
•	Preferred Risk Policy: Residential	Federal Emergency Management
		Agency
*	The Hazard Mitigation Assistance Grant Programs	Federal Emergency Management
		Agency
•	The Disaster Handbook - National Edition	University of Florida IFAS Extension
*	Answers to Tough Questions: Talking Points for Community Officials	Federal Emergency Management
		Agency
•	Family Financial Recovery From a Natural Disaster Webinar	North Dakota State University
		Extension Service
*	Apply for a Disaster Loan	U.S. Small Business Association
•	How to Prepare for a Hurricane	Federal Emergency Management
		Agency
*	Resources for Your Flooded Home	University of Missouri Extension
+	Apply for Assistance	Federal Emergency Management
		Agency
•	Tax Relief for Victims of Severe Storms and Flooding in South Carolina	Internal Revenue Service

#### Food Safety

Rating	Title	Source
**	Preparing for the Unexpected	Texas A&M University AgriLife
		Extension
**	Flood Recovery	New York Homeland Security and
		Emergency Services
•	The Disaster Handbook - National Edition	University of Florida IFAS Extension
+	Safely Using Produce from Flooded Gardens	University of Wisconsin
+	Managing Flooded Grain Bins	USDA and NIFA
•	Resources for Your Flooded Home	University of Missouri Extension



#### Utilities (Electricity, running water, gas, etc.)

Rating	Title	Source
***	What to Do After the Flood	U.S. Environmental Protection Agency
**	Preparing for the Unexpected	Texas A&M University AgriLife
		Extension
**	Flooded Home: Inspecting the Outside of the Structure	North Dakota State University
		Extension Service
+	The Disaster Handbook - National Edition	University of Florida IFAS Extension
•	Planning Ahead: Portable Generator Safety	North Dakota State University
		Extension Service
+	FloodSmart Resources for Floodplain Managers	Federal Emergency Management
		Agency
•	Flood Recovery Checklists for Farmsteads	North Dakota State University
		Extension Service
•	Ready for Rain: Wet Floodproofing	LSU Ag Center
+	Let Professionals Restore Flood-Damaged Heating Systems	North Dakota State University
		Extension Service

#### Miscellaneous

Rating	Title	Source
***	Glossary of Frequently Used FEMA/NFIP Terms and Acronyms	Texas Sea Grant Extension
**	The Flood Factors Song	Carolinas Integrated Sciences and
		Assessments
*	Reducing the Impact of Flooding - Agricultural Chemicals	University of Minnesota Extension
*	ACES HandbookFlooded Farm Vehicles and Equipment	Alabama A&M University Extension
		and Auburn University Extension
*	Reconditioning Machinery & Equipment	Texas A&M University AgriLife
		Extension
•	Facing the Flood: A case study of Charleston's response to and path forward following	Southeast and Caribbean Climate
	the SC Floods of October 2015	Community of Practice

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#### Browse by Audience

Architects

Business Owners Coastal/Resource Managers Developers/Contractors/Consultants/Engineers Farmers General Public Government: Local Government: State Government: Federal Homeowners Outreach/Education Professionals Planners Public Works Officials



#### Architects

Rating	Title	Source
•	Answers to Questions About Substantial Damaged Building	Federal Emergency Management
		Agency
•	Ensuring That Structures Built on Fill In or Near Special Flood Hazard Areas are	Federal Emergency Management
	Reasonably Safe From Flooding (Technical Bulletin 10)	Agency
•	Flood Damage-Resistant Materials Requirements	Federal Emergency Management
		Agency

#### **Business Owners**

Rating	Title	Source
***	Heavy Rain Flood Risk	Federal Emergency Management
		Agency
**	Preparing for the Unexpected	Texas A&M University AgriLife
		Extension
**	Preventing Fraud Following a Disaster	Texas A&M University AgriLife
		Extension
**	After the Flood	Federal Emergency Management
		Agency
**	Removing Mold from Your Home	Federal Emergency Management
		Agency
**	Tropical Storm and Hurricane Flood Risk	Federal Emergency Management
		Agency
**	Flood Risk and Flood Insurance	Federal Emergency Management
		Agency
<b>* *</b>	Advisory Base Flood Elevations (ABFE) During Rebuilding	Texas Sea Grant Extension
•	Social Media Flood Map	College of Charleston
* *	Using Pumps in Flood Protection	LSU Ag Center
•	Preferred Risk Policy: Commercial	Federal Emergency Management
•		Agency
•	Answers to Questions About Substantially Damaged Buildings	Federal Emergency Management
•	Reducing the Impact of Flooding - Agricultural Chemicals	Agency University of Minnesota Extension
•	Managing Flooded Grain Bins	USDA and NIFA
•	Apply for a Disaster Loan	U.S. Small Business Association
•	Flooded Floors and Woodwork - Cleaning	University of Minnesota Extension
•	Flood Damage-Resistant Materials Requirements	Federal Emergency Management
•	TIOU Danage-Resistant Materials Requirements	Agency
•	Ready for Rain: Wet Floodproofing	LSU Ag Center
•	Apply for Assistance	Federal Emergency Management
·		Agency
•	Assessing the Risk of Groundwater Contamination from Petroleum Product Storage	University of Missouri Extension
•	Health Concerns About Mold	Alabama A&M University Extension
		and Auburn University Extension
•	Pumping Out Flood Water	Alabama A&M University Extension
		and Auburn University Extension
•	Flooded House Clean-Up Process	North Dakota State University
		Extension Service



## Coastal/Resource Managers

Rating	Title	Source
+	Social Media Flood Map	College of Charleston
*	Answers to Tough Questions: Talking Points for Community Officials	Federal Emergency Management Agency
*	Repairing Flood-Damaged Farm Fields	lowa State University Extension and Outreach and University of Nebraska Extension
*	Ensuring that Structures Built on Fill In or Near Special Flood Hazard Areas are	Federal Emergency Management
*	Reasonably Safe from Flooding (Technical Bulletin 10) Facing the Flood: A case study of Charleston's response to and path forward following	Agency Southeast and Caribbean Climate
•	the S.C. Floods of October 2015 Pasture & Soil Management Following Tidal Saltwater Intrusion	Community of Practice Texas A&M University AgriLife Extension
*	FloodSmart Resources for Floodplain Managers	Federal Emergency Management Agency

## Developers/Contractors/Consultants/Engineers

Rating	Title	Source
+	Dry Before Restoring Flood-Damaged Buildings	North Dakota State University
		Extension Service
*	Flooded House Clean Up	North Dakota State University
		Extension Service
+	Ensuring that Structures Built on Fill In or Near Special Flood Hazard Areas are	Federal Emergency Management
	Reasonably Safe from Flooding (Technical Bulletin 10)	Agency
*	Flood Damage-Resistant Materials Requirements	Federal Emergency Management
		Agency

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#### Farmers

Rating	Title	Source
**	Flood Damaged Crops, Crop Insurance Payments, and Lease Contracts	Iowa State University Extension and Outreach
**	Preparing for the Unexpected	Texas A&M University AgriLife Extension
**	After the Flood	Federal Emergency Management Agency
**	Flooded Pesticides	North Dakota State University Extension Service
*	Dry Before Restoring Flood-Damaged Buildings	North Dakota State University Extension Service
•	Safely Using Produce from Flooded Gardens	University of Wisconsin
•	Flooding and Stored Grain	Iowa State University Extension
*	Repairing Flood-Damaged Farm Fields	Iowa State University Extension and Outreach and University of Nebraska Extension
•	Reducing the Impact of Flooding - Agricultural Chemicals	University of Minnesota Extension
*	Managing Flooded Grain Bins	USDA and NIFA
*	Reconditioning Machinery & Equipment	Texas A&M University AgriLife Extension
*	Recover from a Flood	USDA and NIFA
•	ACES Handbook Caring for Trees: Hiring an Arborist	Alabama A&M University Extension and Auburn University Extension
*	Webinar to Address Flood Recovery for Cropland	Iowa State University Extension and Outreach
•	Pasture & Soil Management Following Tidal Saltwater Intrusion	Texas A&M University AgriLife Extension
•	Apply for Assistance	Federal Emergency Management Agency
•	Pesticide Storage Concerns During a FloodPrevention and Emergency Response	University of Florida Cooperative Extension Service
•	Flood Recovery Checklists for Farmsteads	North Dakota State University Extension Service
•	Salvaging Flood-Damaged Agricultural Buildings	eXtension.org
*	ACES HandbookFlooded Farm Vehicles and Equipment	Alabama A&M University and Auburn University

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#### **General Public**

Rating	Title	Source
***	What to Do After the Flood	U.S. Environmental Protection Agency
***	Heavy Rain Flood Risk	Federal Emergency Management
		Agency
***	Glossary of Frequently Used FEDERAL EMERGENCY MANAGEMENT AGENCY/NFIP	Texas Sea Grant Extension
	Terms and Acronyms	
**	Start an Emergency Fund Before Disaster Strikes	University of Minnesota Extension
**	Dealing with Disaster Reaction: Tips for Effective Communication	North Dakota State University
		Extension Service
**	Flood Damaged Home: Introduction	North Dakota State University
		Extension Service
**	Preparing for the Unexpected	Texas A&M University AgriLife
		Extension
**	<u>After the Flood</u>	Federal Emergency Management
		Agency
**	Removing Mold from Your Home	Federal Emergency Management
		Agency
**	Tropical Storm and Hurricane Flood Risk	Federal Emergency Management
**	The Flood Factors Song	Agency
••	THE FIOOD FACTORS SOND	Carolinas Integrated Sciences and Assessments
**	Flood Risk and Flood Insurance	Federal Emergency Management
<b>* *</b>		Agency
**	Flooded Home: Inspecting the Outside of the Structure	North Dakota State University
		Extension Service
**	Flood Recovery	New York Homeland Security and
		Emergency Services
**	Flood Resources & FACTS of Resilience Webinar	University of Minnesota Extension
**	ACES Handbook Cleaning Dishes and Utensils	Alabama A&M University Extension
		and Auburn University Extension
**	Dealing with Disaster Reaction: Tips for Effective Communication (Video)	North Dakota State University
		Extension Service
•	Social Media Flood Map	College of Charleston
•	Using Pumps in Flood Protection	LSU Ag Center
+	Preferred Risk Policy: Residential	Federal Emergency Management
		Agency
•	Avoid Home Repair Fraud	North Dakota State University
		Extension Service
•	Dry Before Restoring Flood-Damaged Buildings	North Dakota State University
•	Cafely Using Dradwas from Elected Condens	Extension Service
	Safely Using Produce from Flooded Gardens Family Financial Recovery from a Natural Disaster Webinar	University of Wisconsin North Dakota State University
•	Failing Financial Recovery from a Natural Disaster Webhar	Extension Service
•	Water-damaged Walls Can Be Repaired	North Dakota State University
		Extension Service
+	Cleaning Carpets and Floors After a Storm or Flood	LSU Ag Center
•	ACES Handbook: Salvaging Clothing	Alabama A&M University Extension
		and Auburn University Extension
•	Recover from a Flood	USDA and NIFA
•	ACES Handbook Caring for Trees: Hiring an Arborist	Alabama A&M University Extension
		and Auburn University Extension
•	Flooded House Clean Up	North Dakota State University
		Extension Service
+	Answers to Questions About Substantial Damaged Building	Federal Emergency Management
		Agency
•	Planning Ahead: Portable Generator Safety	North Dakota State University
		Extension Service
•	Emergency Disinfection of Drinking Water	U.S. Environmental Protection Agency
•	Making Home Repairs After a Disaster	eXtension.org
*	Removing Mold Only Safe Option	North Dakota State University
*	How to Remove Mildew	University of Minnesota Extension Federal Emergency Management
·	Apply for Assistance	Agency
		nocity .

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•	Ready for Rain: Wet Floodproofing	LSU Ag Center
•	Health Concerns About Mold	Alabama A&M University Extension
		and Auburn University Extension
•	Pumping Out Flood Water	Alabama A&M University Extension
		and Auburn University Extension
•	Flooded House Clean-Up Process	North Dakota State University
		Extension Service
•	Resources for Your Flooded Home	University of Missouri Extension
•	How to Prepare for a Hurricane	FEDERAL EMERGENCY MANAGEMENT
		AGENCY
•	Preparing Your Pets for Emergencies Makes Sense	FEDERAL EMERGENCY MANAGEMENT
		AGENCY
•	Storm/Flooding Info	Charleston County
•	Flood Safety	National Weather Service
•	Boil Water Emergencies	S.C. Department of Health and
		Environmental Control
•	Check Your Sump Pump	North Dakota State University
		Extension Service
•	Mitigation of Flood and Erosion Damage to Residential Buildings in Coastal Areas	FEDERAL EMERGENCY MANAGEMENT
		AGENCY
*	Protect Your Basement from Flood Damage	North Dakota State University
		Extension Service
*	Steps to Reduce Flood and Water Damage	North Dakota State University
		Extension Service

#### Government: Local

Rating	Title	Source
**	Preparing for the Unexpected	Texas A&M University AgriLife
		Extension
**	Flood Resources & FACTS of Resilience Webinar	University of Minnesota Extension
+	Social Media Flood Map	College of Charleston
•	The Hazard Mitigation Assistance Grant Programs	Federal Emergency Management Agency
•	Family Financial Recovery from a Natural Disaster Webinar	North Dakota State University Extension Service
*	Answers to Tough Questions: Talking Points for Community Officials	Federal Emergency Management Agency
+	The Disaster Handbook - National Edition	University of Florida IFAS Extension
•	FloodSmart Resources for Floodplain Managers	Federal Emergency Management Agency
+	Apply for Assistance	Federal Emergency Management Agency
*	Ensuring that Structures Built on Fill In or Near Special Flood Hazard Areas are Reasonably Safe from Flooding (Technical Bulletin 10)	Federal Emergency Management Agency
+	Flood Damage-Resistant Materials Requirement	Federal Emergency Management Agency
*	Facing the Flood: A case study of Charleston's response to and path forward following the S.C. Floods of October 2015	Southeast and Caribbean Climate Community of Practice

#### Government: State

Title	Source
Flood Resources & FACTS of Resilience Webinar	University of Minnesota Extension
Advisory Base Flood Elevations (ABFE) During Rebuilding	Texas Sea Grant Extension
The Hazard Mitigation Assistance Grant Programs	Federal Emergency Management
	Agency
Family Financial Recovery from a Natural Disaster Webinar	North Dakota State University
	Extension Service
Answers to Tough Questions: Talking Points for Community Officials	Federal Emergency Management
	Agency
FloodSmart Resources for Floodplain Managers	Federal Emergency Management
	Agency
Apply for Assistance	Federal Emergency Management
	Agency
Ensuring That Structures Built on Fill In or Near Special Flood Hazard Areas Are	Federal Emergency Management
Reasonably Safe From Flooding (Technical Bulletin 10)	Agency
Facing the Flood: A case study of Charleston's response to and path forward following	Southeast and Caribbean Climate
the S.C. Floods of October 2015	Community of Practice
	Flood Resources & FACTS of Resilience Webinar   Advisory Base Flood Elevations (ABFE) During Rebuilding   The Hazard Mitigation Assistance Grant Programs   Family Financial Recovery from a Natural Disaster Webinar   Answers to Tough Questions: Talking Points for Community Officials   FloodSmart Resources for Floodplain Managers   Apply for Assistance   Ensuring That Structures Built on Fill In or Near Special Flood Hazard Areas Are Reasonably Safe From Flooding (Technical Bulletin 10)   Facing the Flood: A case study of Charleston's response to and path forward following

#### Government: Federal

Rating	Title	Source
**	Flood Resources & FACTS of Resilience Webinar	University of Minnesota Extension
**	Advisory Base Flood Elevations (ABFE) During Rebuilding	Texas Sea Grant Extension
+	Family Financial Recovery from a Natural Disaster Webinar	North Dakota State University
		Extension Service
*	Facing the Flood: A case study of Charleston's response to and path forward following	Southeast and Caribbean Climate
	the S.C. Floods of October 2015	Community of Practice



#### Homeowners

Rating	Title	Source
***	What to Do After the Flood	U.S. Environmental Protection Agency
***	Heavy Rain Flood Risk	Federal Emergency Management
		Agency
**	Flood Damaged Home: Introduction	North Dakota State University
		Extension Service
**	Preparing for the Unexpected	Texas A&M University AgriLife
		Extension
**	After the Flood	Federal Emergency Management
		Agency
**	Removing Mold from Your Home	Federal Emergency Management
		Agency
**	Tropical Storm and Hurricane Flood Risk	Federal Emergency Management
		Agency
**	Flooded Pesticides	North Dakota State University
		Extension Service
**	Preventing Fraud Following a Disaster	Texas A&M University AgriLife
		Extension
**	Flood Information: Flood-Damaged Carpets, Rugs May Be Saved	North Dakota State University
		Extension Service
**	Flood Risk and Flood Insurance	Federal Emergency Management
		Agency
**	Flooded Home: Inspecting the Outside of the Structure	North Dakota State University
		Extension Service
**	Flood Recovery	New York Homeland Security and
		Emergency Services
**	ACES Handbook Cleaning Dishes and Utensils	Alabama A&M University Extension
		and Auburn University Extension
**	Flooded Home: Checking Out the Mechanical Systems	North Dakota State University
		Extension Service
<b>* *</b>	Ready for Rain: Dry Floodproofing	LSU Ag Center
•	Social Media Flood Map	College of Charleston
•	Using Pumps in Flood Protection	LSU Ag Center
•	Preferred Risk Policy: Residential	Federal Emergency Management
		Agency
*	Family Financial Recovery from a Natural Disaster Webinar	North Dakota State University
•	De Defens Deste des Elses di Desses et di Dillattere	Extension Service
•	Dry Before Restoring Flood-Damaged Buildings	North Dakota State University
•	Cofel, United Developer Floreded Construct	Extension Service
•	Safely Using Produce from Flooded Gardens	University of Wisconsin
•	Water-Damaged Walls Can Be Repaired	North Dakota State University
•	ACEC Used has by Calusting Clathing	Extension Service
•	ACES Handbook: Salvaging Clothing	Alabama A&M University Extension
	Flood Information, Dry Out Refore Robyilding	and Auburn University Extension
¥	Flood Information: Dry Out Before Rebuilding	North Dakota State University Extension Service
•	Elead Damaged Home: Cleaning After the Elead	
•	Flood Damaged Home: Cleaning After the Flood	North Dakota State University
<b>A</b>	Is it Mold?	Extension Service North Dakota State University
·	<u>Is it Mold?</u>	
•	Inspecting Homes for Structural Damage	Extension Service
*	Inspecting Homes for Structural Damage Recover from a Flood	University of Nebraska - Lincoln USDA and NIFA
*	Flooded House Clean Up	
*		North Dakota State University
•	Answers to Questions About Substantial Damaged Building	Extension Service
· ·	Answers to Questions About Substantial Damaged Building	Federal Emergency Management
•	Dianning Aboad: Dortable Concretor Safety	Agency
*	Planning Ahead: Portable Generator Safety	North Dakota State University
	Making Llama Danaire After a Disastor	Extension Service
* *	Making Home Repairs After a Disaster	eXtension.org
•	Removing Mold Only Safe Option	North Dakota State University
•	How to Remove Mildew	Extension Service University of Minnesota Extension
•		
*	Apply for a Disaster Loan	U.S. Small Business Association

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•	Flooded Floors and Woodwork - Cleaning	University of Minnesota Extension
•	Apply for Assistance	Federal Emergency Management
		Agency
•	Flood Damage-Resistant Materials Requirements	Federal Emergency Management
		Agency
•	Ready for Rain: Wet Floodproofing	LSU Ag Center
•	Health Concerns About Mold	Alabama A&M University Extension
		and Auburn University Extension
•	Pumping Out Flood Water	Alabama A&M University Extension
		and Auburn University Extension
•	Flooded House Clean-Up Process	North Dakota State University
		Extension Service
•	Resources for Your Flooded Home	University of Missouri Extension
•	How to Prepare for a Hurricane	FEDERAL EMERGENCY MANAGEMENT
		AGENCY
•	Storm/Flooding Info	Charleston County
•	Flood Safety	National Weather Service
•	Boil Water Emergencies	S.C. Department of Health and
		Environmental Control
•	Check Your Sump Pump	North Dakota State University
		Extension Service
*	Mitigation of Flood and Erosion Damage to Residential Buildings in Coastal Areas	Federal Emergency Management
		Agency
•	Protect Your Basement from Flood Damage	North Dakota State University
		Extension Service
+	Assessing the Risk of Groundwater Contamination from Petroleum Product Storage	University of Missouri Extension
•	Let Professionals Restore Flood-Damaged Heating Systems	North Dakota State University
		Extension Service

## Outreach/Education Professionals

Rating	Title	Source
**	Flood Resources & FACTS of Resilience Webinar	University of Minnesota Extension
•	Family Financial Recovery from a Natural Disaster Webinar	North Dakota State University
		Extension Service
•	Answers to Tough Questions: Talking Points for Community Officials	Federal Emergency Management
		Agency
•	The Disaster Handbook - National Edition	University of Florida IFAS Extension
•	Pesticide Storage Concerns During a FloodPrevention and Emergency Response	University of Florida Cooperative
		Extension Service



#### Planners

Rating	Title	Source
•	Social Media Flood Map	College of Charleston
*	Answers to Tough Questions: Talking Points for Community Officials	Federal Emergency Management Agency
*	Answers to Questions About Substantial Damaged Building	Federal Emergency Management Agency
*	FloodSmart Resources for Floodplain Managers	Federal Emergency Management Agency
*	Facing the Flood: A case study of Charleston's response to and path forward following the S.C. Floods of October 2015	Southeast and Caribbean Climate Community of Practice
*	Ensuring That Structures Built on Fill In or Near Special Flood Hazard Areas Are Reasonably Safe From Flooding (Technical Bulletin 10)	Federal Emergency Management Agency

#### Public Works Officials

Rating	Title	Source
+	Answers to Questions About Substantial Damaged Building	Federal Emergency Management
		Agency
+	FloodSmart Resources for Floodplain Managers	Federal Emergency Management
		Agency
•	Facing the Flood: A case study of Charleston's response to and path forward following	Southeast and Caribbean Climate
	the S.C. Floods of October 2015	Community of Practice
•	Assessing the Risk of Groundwater Contamination from Petroleum Product Storage	University of Missouri Extension

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# Appendix

#### **Resource Evaluation Rubric**

	Open Ended (Text)
What is the focus of this resource?	
What purpose was the resource created for?	
Who is this resource aimed at?	

	Fact Sheet	Brochure	Article	Journal Article	Survey	Мар	Website Report	E-book or E-booklet	PowerPoint Presentation	Webinar	Other (Text)
What type of resource is this?											

	Yes	No
Is this a SC specific resource?		
Is this resource region specific?		

	Northeast	Mid-Atlantic	Southeast	Gulf	Any Others Not Listed
Which region is this					
resource specific to?					

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
The resource is visually appealing					
The resource is easy to navigate					
The resource addresses the topic fully and completely					
The resource is well- written and easy to understand for laymen					
The resource is well- organized					

	Very Poor	Poor	Average	Good	Excellent
How would you					
rate this resource					
overall?					



	Yes	No
Are sources/citations available for this		
resource?		

	Yes	No
Does this resource provide links/names		
for other resources that are relevant?		

	Yes	No
Does this resource contain novel or		
unique information?		

	I would use it personally	I would share with others	I would not utilize this resource
How would you utilize this resource?			