Contents

Tsunami News
Newsbriefs ............................................................... 1
New Program Participants ................................. 6

Books and Reports
New materials added to the Library ................. 3
Book Review: Cartographies of Danger .................. 9

Features
Community mitigation successes: NOAA Weather ... 4
Radio Coverage for the Entire Washington Coast,
by Karin Frinell-Hanrahan

Infrequently Asked Questions .......................................... 10

Newsbriefs

FEMA has a website!
The Federal Emergency Management Agency has
developed a World Wide Web server on the Internet, at
http://www.fema.gov. The home page features news bytes
about a wide variety of hazards and provides links to
mitigation, preparedness, disaster assistance, Project Impact,
and other topics. At the bottom of the page there is a link to
the FEMA library.

The library page opens with a ‘floorplan’ of the library,
showing clickable rooms for Preparedness and Training,
Response and Recovery, Mitigation, Still Photos and Video,
National Flood Insurance Program, Maps, and several other
topics of interest. Clicking on Preparedness and Training, I
found a list of FEMA reports. Check out the Good Ideas
Book about mitigation/preparedness program ideas and
case studies. Or the 3-volume report Partnerships in
Preparedness: A Compendium of Exemplary Practices in
Emergency Management. Both are valuable resources for
Emergency Managers who are beginning a mitigation plan
or who want to refine the one they now have.

FRC is looking for all-hazard mitigation plans
The Natural Hazards Research and Applications
Information Center, University of Colorado reports that the
Association of State Floodplain Manager’s Floodplain
Management Resource Center (FRC) wants to include
mitigation and recovery plans for all natural hazards. FEMA
supports this plan to provide a wealth of written materials to
local and state disaster/mitigation managers. The
documents will be placed in the FRC library, with a
summary added to the searchable computer database.

If you have mitigation plans that can be included
contact
Clancy Philipborn
The Mitigation Assistance Corporation
P.O. Box 19645
Boulder, CO 80308-2645
(303) 494-4242

To receive information or mitigation plans from the
FRC Library contact
David Morton, Librarian
Natural Hazards Research & Applications
Information Center
IBS#6, Campus Box 482
University of Colorado
Boulder, CO 80309-0482
(303) 492-5787
(303) 492-2151 fax
David.Morton@colorado.edu

For more information on sample mitigation plans or
outlines for mitigation plans, see Infrequently Asked
Questions in this issue.

A Tsunami Journal is on The ‘Net!
Michael Blackford of the International Tsunami
Information Center (ITIC) in Honolulu reports that the
Tsunami Society has put all the issues of its Science of
Tsunami Hazards journal on the Internet. The files are in
PDF at http://epubs.lanl.gov/tsunami, courtesy of the Los
Alamos National Laboratory library's national “library
without walls” program. The complete journal is also
available on CD-ROM and individual articles reprints are
also available from Tsuinfo Alert.
TsuInfo Alert is published monthly by the Washington Department of Natural Resources, Division of Geology and Earth Resources. This publication is free upon request and is available in print (by surface mail) and electronically (by e-mail).

TsuInfo Alert and the TsuInfo document delivery program are made possible by a grant from the Federal Emergency Management Agency via the Washington Military Department, Division of Emergency Management.

Participants in the TsuInfo program can request copies of reports listed in this issue from:

Library
Washington Department of Natural Resources
Division of Geology and Earth Resources
P.O. Box 47007
Olympia, WA 98504-7007
ph: 360/902-1472 or 360/902-1473
fax: 360/902-1785
e-mail: connie.manson@wadnr.gov or lee.walkling@wadnr.gov

prepared by
Connie J. Manson, Senior Library Information Specialist
and
Lee Walkling, Library Information Specialist

WASHINGON STATE DEPARTMENT OF NATURAL RESOURCES
Jennifer M. Belcher - Commissioner of Public Lands
New Tsunami Mitigation Materials
Added to the Library, April, 1999
compiled by
Connie J. Manson

Note: Free reprints of these materials are available. (See page 2 for ordering information)

A brief description of current research on tsunami deposits in the Everett, Washington area.

A brief description of current research on tsunami deposits along the northern California coast.

A brief description of current research on tsunami modeling.

A brief description of current research on Alaskan earthquakes that can be an analogy for Cascadia earthquakes.

Excellent discussion of current approaches to tsunami prediction. Reviews tsunami modeling, long-term prediction, short-term prediction, and current research trends.

Recommended for local emergency managers and government officials.

A thorough discussion of hazard mapping.
(Reviewed, in this issue, p. 10)

An excellent report on tsunamis and tsunami hazards.
Highly recommended for emergency managers, educators, and local government officials.

* * * * *

Tsunami Society Symposium

The Tsunami Society symposium will be held in Honolulu May 25-27, 1999. The program has been distributed and is available on the web at http://www.ccalmr.ogi.edu/STH/society.html. May 25 will include sessions on asteroid impact tsunamis and other mega-tsunamis. Tsunami Warning Centers will be discussed on May 26. On the final day, Tsunami Civil Defense projects and historical tsunamis will be the featured topics, followed by the Tsunami Society Annual Meeting. The scope is world-wide.
Community Mitigation Successes:  
NOAA Weather Radio Coverage for the Entire Washington Coast  
by  
Karin Frinell-Hanrahan, Deputy Director  
Grays Harbor County Department of Emergency Management KFH@co.grays-harbor.wa.us

Editor's note: Karin Frinell-Hanrahan presented this at the Regional Coastal Earthquake Conference May 13, 1999 in SeaTac, WA. This is such a terrific project that we asked her to publish it here so it could be shared with others.

When I came on board at the Grays Harbor County Department of Emergency Management everyone was asking "Where are our tsunami sirens?" I had worked with sirens before at Lewis County and knew they were very expensive but didn't always work as planned. Instead, I started looking for a source of warning that was already available in Grays Harbor County -- and found it: NOAA Weather Radio.

But there were problems with it. The County was covered by signals from Astoria and Olympia, but a large area of the County -- including the Quinault Indian National and part of Olympic National Park -- could not receive either signal.

So the question was, How could we get coverage for all of Grays Harbor County from our warning point in Seattle?

I learned there was money in Tsunami Funds and they needed projects, and the Idea was born: to use those funds to expand NOAA Weather Radio to the entire Pacific coast of Washington.

From conversations with Ted Buehner of the National Weather Service and with George Crawford of the Washington Emergency Management Division, I proposed to move the station from Neah Bay to Mount Octopus, but leave a small receiver at Neah Bay to cover the opening of the Strait of Juan De Fuca. This would provide alert capabilities for tsunamis and for adverse weather for the entire coast and inland areas. The area would include three Counties (Grays Harbor, Jefferson, and Clallam) and five coastal Indian Nations (Quinault, Makah, Quillayute, Hoh and Ozette). Depending on the strength of the signal, it would also provide additional alert capabilities at sea. To do this, we needed a site on Mt. Octopus, preferably with existing tower, racks and auxiliary power supply. To establish the site, we needed a 1-kilowatt dual transmitter ($6,000), a directional antenna ($3,000), cabling (at $5 per foot), and the hardware and labor to install and test the site.

I made this proposal to the State Tsunami Working Group, Counties, State, FEMA and the Quinault Indian Nation, with the help of the National Weather Service and a communication consultant. The proposal was enthusiastically accepted.

George Crawford, Ted Buehner, George Bisso and many others have worked very hard to see this proposal become a working project.

The new site on Mt. Octopus will be functional by August 1, 1999.
Figure 1. Location map.
New Program Participants:
Pacific-States Senators and Representatives

Alaska
Representative Don Young
2111 Rayburn House Office Building
Washington, D.C. 20515

Senator Frank Murkowski
322 Hart Senate Office Building
Washington, D.C. 20510

Senator Ted Stevens
United States Senate
Washington, D.C. 20510

California
Representative Mike Thompson
415 Cannon House Office Building
Washington, D.C. 20515

Representative Lynn Woolsey
439 Cannon House Office Building
Washington, D.C. 20515

Representative Nancy Pelosi
2457 Rayburn House Office Building
Washington, D.C. 20515

Representative Tom Lantos
2217 Rayburn House Office Building
Washington, D.C. 20515

Representative Anna Eshoo
United States House of Representatives
Washington, D.C. 20515

Representative Tom Campbell
2442 Rayburn House Office Building
Washington, D.C. 20515

Representative San Farr
1221 Longworth House Office Building
Washington, D.C. 20515

Representative Lois Capps
1118 Longworth House Office Building
Washington, D.C. 20515

Representative Elton Gallegly
2427 Rayburn House Office Building
Washington, D.C. 20515-0523

Representative Brad Sherman
1524 Longworth House Office Building
Washington, D.C. 20515-0524

Representative Henry Waxman
2204 Rayburn House Office Building
Washington, D.C. 20515

Representative Steven Kuykendall
512 Cannon House Office Building
Washington, D.C. 20515-0536

Representative Juanita Millender-McDonald
419 Cannon House Office Building
Washington, D.C. 20515

Representative Steve Horn
2331 Rayburn House Office Building
Washington, D.C. 20515

Representative Dana Rohrabacher
2338 Rayburn House Office Building
Washington, D.C. 20515

Representative Christopher Cox
2402 Rayburn House Office Building
Washington, D.C. 20515

Representative Ron Packard
2372 Rayburn House Office Building
Washington, D.C. 20515

Representative Brian Bilbray
1530 Longworth House Office Building
Washington, D.C. 20515-0549

Representative Randy Cunningham
2238 Rayburn House Office Building
Washington, D.C. 20515-0551

Senator Barbara Box
112 Hart Senate Office Building
Washington, D.C. 20510

Senator Dianne Feinstein
331 Hart Senate Office Building
Washington, D.C. 20510

Representative Neil Abercrombie
1502 Longworth House Office Building
Washington, D.C. 20515

Representative Patsy Mink
2135 Rayburn House Office Building
Washington, D.C. 20515

Representative Daniel Akaka
720 Hart Senate Office Building
Washington, D.C. 20510

Senator Daniel Inouye
722 Hart Senate Office Bldg
Washington, D.C. 20510-1121

Senator Slade Gorton
730 Hart Senate Office Bldg
Washington, D.C. 20510

Senator Patty Murray
111 Russell Senate Office Bldg
Washington, D.C. 20510

Senator Ron Wyden
516 Hart Senate Office Building
Washington, D.C. 20510

Senator Barbara Box
112 Hart Senate Office Building
Washington, D.C. 20510

Senator Dianne Feinstein
331 Hart Senate Office Building
Washington, D.C. 20510

Representative Richard "Doc" Hastings
1323 Longworth House Office Bldg
Washington, D.C. 20515

Representative Jay Inslee
Washington, D.C. 20515

Representative Jim McDermott
2349 Rayburn House Office Bldg
Washington, D.C. 20515

Representative Jack Metcalf
1510 Longworth House Office Bldg
Washington, D.C. 20515

Representative George L. Nethercutt, Jr.
1527 Longworth House Office Bldg
Washington, D.C. 20515

Representative Adam Smith
1505 Longworth House Office Bldg
Washington, D.C. 20515

Washington

Representative Darlene Hooley
1419 Longworth House Office Building
Washington, D.C. 20515-3705

Senator Gordon Smith
359 Dirksen Senate Office Building
Washington, D.C. 20510

Senator Ron Wyden
516 Hart Senate Office Building
Washington, D.C. 20510

Oregon
Representative David Wu
510 Cannon House Office Building
Washington, D.C. 20515-2701

Representative Peter DeFazio
2134 Rayburn House Office Building
Washington, D.C. 20515

Oregon

Local Participants:

Alaska
Bruce Robson
AWWU
325 E 94th Ct
Anchorage, AK 99515
Jim Harris  
Municipality of Anchorage  
Office of Emerg Mgmt  
PO Box 196650  
Anchorage AK 99519

Vince McCoy  
Municipality of Anchorage  
Building Safety  
PO Box 196650  
Anchorage AK 99519-6650

Donald Braun  
City of Chignek  
PO Box 110  
Chignek AK 99564

Jim Blowers  
City of Cold Bay  
PO Box 10  
Cold Bay AK 99571

Robert Plumb  
City of Cordova  
PO Box 1210  
Cordova AK 99574

Robert L. Painter  
Homer Volunteer Fire Dept  
604 E Pioneer Ave  
Homer AK 99603

John Babcock  
City of King Cove  
Office of Emergency Mgmt  
89 Backlane Dr  
King Cove AK 99612

William D. Jones  
City of Kodiak  
PO Box 1397  
Kodiak AK 99615

Mike and Judy Dobbins  
PO Box 24  
Old Harbor AK 99643

Macarius Mandregan  
Pribilof School Dist  
PO Box 905  
St Paul AK 99660

Gidgette Kochute  
City of Sand Point  
PO Box 249  
Sand Point AK 99661

David Squires  
City of Seward Fire Dept  
PO Box 167  
Seward AK 99664

Tylan Schrock  
City of Seward  
PO Box 167  
Seward AK 99664-0167

Jim Harris  
Municipality of Anchorage  
Office of Emerg Mgmt  
PO Box 196650  
Anchorage AK 99519

Vince McCoy  
Municipality of Anchorage  
Building Safety  
PO Box 196650  
Anchorage AK 99519-6650

Donald Braun  
City of Chignek  
PO Box 110  
Chignek AK 99564

Jim Blowers  
City of Cold Bay  
PO Box 10  
Cold Bay AK 99571

Robert Plumb  
City of Cordova  
PO Box 1210  
Cordova AK 99574

Robert L. Painter  
Homer Volunteer Fire Dept  
604 E Pioneer Ave  
Homer AK 99603

John Babcock  
City of King Cove  
Office of Emergency Mgmt  
89 Backlane Dr  
King Cove AK 99612

William D. Jones  
City of Kodiak  
PO Box 1397  
Kodiak AK 99615

Mike and Judy Dobbins  
PO Box 24  
Old Harbor AK 99643

Macarius Mandregan  
Pribilof School Dist  
PO Box 905  
St Paul AK 99660

Gidgette Kochute  
City of Sand Point  
PO Box 249  
Sand Point AK 99661

David Squires  
City of Seward Fire Dept  
PO Box 167  
Seward AK 99664

Tylan Schrock  
City of Seward  
PO Box 167  
Seward AK 99664-0167

Rachel Clark  
Kenai Peninsula Borough  
144 N Binkley  
Soldotna AK 99669

John Acantra  
Kenai Peninsula Borough  
144 N Binkley St  
Soldotna AK 99669

Mathew M. Betzen  
Unalaska Dept of Public Safety  
PO Box 370  
Unalaska AK 99685

Bob Bright  
City of Valdez  
PO Box 307  
Valdez AK 99686

Dennis Maguire  
Alyeska Pipeline Service Co  
PO Box 100/MS 730  
Valdez AK 99686

Brett A. Meyer  
City & Borough of Yakutat  
PO Box 160  
Yakutat AK 99689

Paul Metz  
University of Alaska Fairbanks  
Dept of Mining & Geological Engineering  
Fairbanks AK 99775-5800

Roger Hansen  
Geophysical Institute - University of Alaska  
PO Box 757320  
903 Koyukuk Dr  
Fairbanks AK 99775-7320

Thomas Gemmell  
American Red Cross-Alaska  
3201 Nowell Ave  
Juneau AK 99801-1933

Susan Coffland  
Sitka Fire Dept  
209 Lake St  
Sitka AK 99835

Gidgette Kochute  
City of Sand Point  
PO Box 249  
Sand Point AK 99661

David Squires  
City of Seward Fire Dept  
PO Box 167  
Seward AK 99664

Tylan Schrock  
City of Seward  
PO Box 167  
Seward AK 99664-0167

Elizabeth Sherbaugh  
Manzanita Public Safety  
PO Box 129  
Manzanita OR 97130

Jack Root  
City of Rockaway Beach  
PO Box 782  
Rockaway Beach OR 97136-0782

Kevin Cupples  
City of Seaside  
989 Broadway  
Seaside OR 97138

Barbara E. Palicki  
Brookings Police Dept  
898 Elk Dr  
Brookings OR 97415

Mathew P. Bernard  
U.S. Coast Guard Astoria  
2185 Se 12th Place  
Warrenton OR 97146-9693

Mei Mei Wang  
Oregon Dept of Geology & Mineral Industries  
800 Ne Oregon St #28  
Portland OR 97232

Robert Eaton  
Inn at Spanish Head  
4009 SW Highway 101  
Lincoln City OR 97367

Jim Hopkins  
Lincoln City Public Works  
PO Box 50  
Lincoln City OR 97367

Irene Thomas  
North Lincoln Fire & Rescue  
PO Box 200lincoln City OR 97367

John Cole  
Lane County  
125 E 8th Ave  
Eugene OR 97401

Roger McGuickin  
Lane County Land Mgmt Division  
125 E 8th Ave  
Eugene OR 97401

Dennis G. Lewis  
City of Bandon  
P0 Box 67  
Bandon OR 97411

Annie Downs  
Southwestern Oregon Public Safety Assn  
PO Box 1632  
Coos Bay OR 97420

Kathleen Hornstuen  
Southwestern Oregon Public Safety Assn  
10335 Cape Arago Hwy  
Coos Bay OR 97420

Oregon

Al Yelvington  
US Coast Guard  
1035 SW Perfecta  
Beaverton OR 97005

Mike Caccavano  
City of Astoria  
1095 Duane St  
Astoria OR 97103

Karolyn Adarson  
City of Cannon Beach  
PO Box 368  
Cannon Beach OR 97110-0368

Elizabeth Sherbaugh  
Manzanita Public Safety  
PO Box 129  
Manzanita OR 97130

Jack Root  
City of Rockaway Beach  
PO Box 782  
Rockaway Beach OR 97136-0782

Kevin Cupples  
City of Seaside  
989 Broadway  
Seaside OR 97138

Barbara E. Palicki  
Brookings Police Dept  
898 Elk Dr  
Brookings OR 97415

Mathew P. Bernard  
U.S. Coast Guard Astoria  
2185 Se 12th Place  
Warrenton OR 97146-9693

Mei Mei Wang  
Oregon Dept of Geology & Mineral Industries  
800 Ne Oregon St #28  
Portland OR 97232

Robert Eaton  
Inn at Spanish Head  
4009 SW Highway 101  
Lincoln City OR 97367

Jim Hopkins  
Lincoln City Public Works  
PO Box 50  
Lincoln City OR 97367

Irene Thomas  
North Lincoln Fire & Rescue  
PO Box 200lincoln City OR 97367

John Cole  
Lane County  
125 E 8th Ave  
Eugene OR 97401

Roger McGuickin  
Lane County Land Mgmt Division  
125 E 8th Ave  
Eugene OR 97401

Dennis G. Lewis  
City of Bandon  
P0 Box 67  
Bandon OR 97411

Annie Downs  
Southwestern Oregon Public Safety Assn  
PO Box 1632  
Coos Bay OR 97420

Kathleen Hornstuen  
Southwestern Oregon Public Safety Assn  
10335 Cape Arago Hwy  
Coos Bay OR 97420
Pete Dirusso  
Curry County  
PO Box 746  
Gold Beach OR 97444

Rachelle Schaff  
Curry Co Comm on Children & Families  
PO Box 746  
Gold Beach OR 97444

Keith Brown  
Myrtle Point Fire Dept  
424 5th St  
Myrtle Point OR 97458

Laura Roberts  
City of Reedsport  
5 St Johns Way  
Reedsport OR 97467

Robert Sechler  
Oregon Dept of Transportation  
3500 NW Stewart  
Roseburg OR 97470

Mark Spross  
Douglas Co Sheriff  
1036 SE Douglas  
Roseburg OR 97470

Jefferson County  Board of County Commissioners  
PO Box 1220  
Port Townsend WA 98368

Ted Krumland  
Washington Dept of Labor & Industries  
1305 Tacoma Ave S Suite 305  
Tacoma WA 98402

Marty Best  
Washington Emergency Mngt Division  
Camp Murray Bldg #20  
Tacoma WA 98430-5122

Chuck Hagerhjelm  
Washington Emergency Mngt Division  
Camp Murray Bldg #20  
Tacoma WA 98430-5122

Maillian Uphaus  
Washington Emergency Mngt Division  
Camp Murray Bldg #20  
Tacoma WA 98430-5122

Frank Kuner  
Telecomm Equipment  
5000 NE 120th St  
Seattle WA 98125

Ted O’Neill  
Seattle Fire Dept  
1000 Second Ave  
Seattle WA 98104

Don Johnson  
Island County GSA  
PO Box 5000  
Coupeville WA 98239

Steve Hauff  
Clallam County Road Dept  
223 E 4th St  
Port Angeles WA 98362

Robert Bobrisen  
Clallam County  
PO Box 863  
Port Angeles WA 98362

Fred C. Slota  
Clallam County  
PO Box 863  
Port Angeles WA 98362

Jefferson County  Board of County Commissioners  
PO Box 1220  
Port Townsend WA 98368

Ted Krumland  
Washington Dept of Labor & Industries  
1305 Tacoma Ave S Suite 305  
Tacoma WA 98402

Marty Best  
Washington Emergency Mngt Division  
Camp Murray Bldg #20  
Tacoma WA 98430-5122

Chuck Hagerhjelm  
Washington Emergency Mngt Division  
Camp Murray Bldg #20  
Tacoma WA 98430-5122

Maillian Uphaus  
Washington Emergency Mngt Division  
Camp Murray Bldg #20  
Tacoma WA 98430-5122

Chief Richard Booth  
Grays Harbor FPD #8  
PO Box 4  
Pacific Beach WA 98571

Ken Boyes  
Raymond Police Dept  
233 2nd St  
Raymond WA 98577

Jacob Mullins  
American Red Cross  
PO Box 253  
South Bend WA 98586

Don Johnson  
Island County GSA  
PO Box 5000  
Coupeville WA 98239

Steve Hauff  
Clallam County Road Dept  
223 E 4th St  
Port Angeles WA 98362

Robert Bobrisen  
Clallam County  
PO Box 863  
Port Angeles WA 98362

Fred C. Slota  
Clallam County  
PO Box 863  
Port Angeles WA 98362

Jefferson County  Board of County Commissioners  
PO Box 1220  
Port Townsend WA 98368

Ted Krumland  
Washington Dept of Labor & Industries  
1305 Tacoma Ave S Suite 305  
Tacoma WA 98402

Marty Best  
Washington Emergency Mngt Division  
Camp Murray Bldg #20  
Tacoma WA 98430-5122

Chuck Hagerhjelm  
Washington Emergency Mngt Division  
Camp Murray Bldg #20  
Tacoma WA 98430-5122

Maillian Uphaus  
Washington Emergency Mngt Division  
Camp Murray Bldg #20  
Tacoma WA 98430-5122

Chief Richard Booth  
Grays Harbor FPD #8  
PO Box 4  
Pacific Beach WA 98571

Ken Boyes  
Raymond Police Dept  
233 2nd St  
Raymond WA 98577

Jacob Mullins  
American Red Cross  
PO Box 253  
South Bend WA 98586
BOOK REVIEW

by

Lee Walkling


Local governments are suddenly asking for hazard mapping, particularly inundation mapping for coastal areas, in order to prepare tsunami hazard mitigation plans and all-hazard preparedness plans. Cartographies of danger--Mapping hazards in America provides an essential overview to what hazard maps are and how they are made. As with all statistical reporting, it is necessary to know how to read hazard maps, what they don’t tell you, and how to use them correctly-- and not to “expect precision or easy answers.” (p. 14). The author, Mark Monmonier, is the perfect person to explain all this. He is a Professor of Geography at Syracuse University and the author of How To Lie with Maps.

The chapter headings are Map Scale, Danger Zones, and Safe Places; Shaky Preparations; Lavas and Other Strangers; Uncertain Shores (about tsunamis); Death Tracks; Floodplains, by Definition,...; Subterranean Poisons; Ill Winds; Short-Lived Daughters and ELF Fields; Nuclear Nightmares; Imagining Vulnerability; Crimescapes; John Snow’s Legacy; and Emerging Cartographies of Danger.

Chapter One deals with map scale--an important but little understood topic-- that is especially critical for the proper use of hazard maps. Chapter Two, about earthquakes, is also pertinent to tsunami mitigation. The final chapter talks about the relatively new field of hazard mapping, its potential and its pitfalls.

“That risk maps are rhetorical should surprise no one--persuasion is their prime role, after all, and if they fail to convince or at least command attention, they miss their most important target. There’s a danger, though, in maps that under- or overstate risk, thereby either promising false security or raising needless alarm. All risk maps are at least partly rhetorical, if only to enlarge understanding of a hazard by momentarily ignoring the attendant uncertainty.” (p. 294)

Uncertain Shores, Chapter Four, discusses tsunamis. The Hawaiian evacuation maps, found in the local phone books, are used as illustrations of effective hazard mapping and disaster preparedness. The author also looks at the National Atlas map series (1985, U.S.G.S.) which “despite praise from coastal scientists,...never caught the attention of the public, the media, or the Congress.” (P. 75) The map series author Bob Dolan believes the maps were too complicated.

Cartographies of danger, designed for the layperson, examines current efforts to map hazards. Professor Monmonier offers readable explanations of the limitations and strengths of maps, providing appropriate illustrations to help visualize the concepts he is discussing. This study also provides “insights about scientific knowledge, public policy, and popular perceptions.” (P. x, preface). Before ordering inundation maps, or before studying the ones you’ve received, it might pay to read this book.
Infrequently Asked Questions: "Mitigation Plans"
compiled by
Lee Walkling

1. Where can I find examples of really good mitigation plans?
   FEMA has published a 3-volume set, Partnerships in Preparedness: A Compendium of Exemplary Practices in Emergency Management. The printed volumes are free from FEMA (by calling 1-800-480-2520) and it's also online at http://www.fema.gov/pte/partnr01.htm

2. Just what does that mean-- "A compendium of exemplary practices?"
   FEMA contacted its regional offices to gather examples of innovative emergency management practices that were effective and easily adaptable to other locations and situations. Those examples were collected in these volumes.

3. I just want a sample mitigation plan to use as a model for the emergency management plan for my area. What’s available?
   Some good examples are:
   - Good Idea Book, FEMA. (See Newsbriefs “FEMA has a website!” for more information).
   - Contact your state’s Emergency Management Director for more information.