



The B.F.E.*

* Base Flood Elevation

OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION NEWSLETTER

Volume 4

February 2002

Number 1

2002 OFMA Spring Technical Training March 17-18, 2002 “No Adverse Impact”

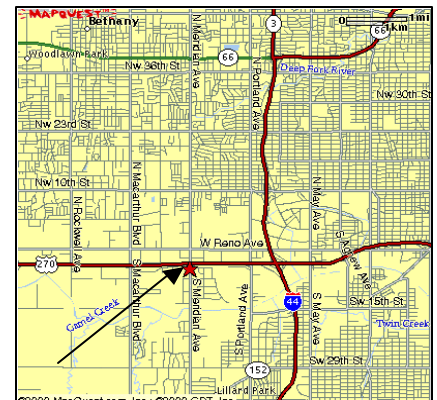
OFMA’s 2002 Spring Technical Training will be held at the **Clarion Meridian Hotel & Convention Center**, 737 South Meridian, Oklahoma City, OK 73108. It is designed for Floodplain Managers, Elected Officials, City Managers, Building Code Officers, City Staff, and Private Sector Professionals involved in floodplain management.

Sunday’s activities include committee meetings, a board meeting and an evening social on Sunday, March 17th. Monday’s agenda for the technical training session is presented in detail on page 2 of the newsletter. Monday’s session will conclude with an evening session on **“Mapping Needs Update Support System (MNUSS)”** presented by James Orwat, FEMA Region VI.

The 2002 Training provides information on current Floodplain Issues in two separate concurrent sessions for:

- ❖ **Flood Hazard Mitigation**
- ❖ **Outside the Box**

The Certified Floodplain Manager (CFM) Exam will be given to pre-qualified OFMA members at 3:30 pm. See the OFMA web site for more information.



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National Goal: “No Adverse Impact”

The new national floodplain management goal of ASFPM is “No Adverse Impact”. “No Adverse Impact” means that no actions should take place in the floodplain that have an adverse impact upstream, downstream, to existing development, or to the environment.

The current NFIP minimum national regulations have been found to be inadequate, especially in urban areas or in developing basins.

The NFIP’s emphasis in the past has been “How to develop the floodplains”. The emphasis must now switch to “How to keep floodplains free of urban structures and how to enhance the natural and beneficial values of the floodplain”. For more information on the “No Adverse Impact” initiative, see <http://www.floods.org> “Changing National Policy—The ASFPM Initiative.”

**OFMA'S "NO ADVERSE IMPACT"
SPRING 2002 TECHNICAL TRAINING**

**March 17-18, 2002
Clarion Meridian Hotel & Convention Center
737 S. Meridian
Oklahoma City, OK 73108**

Sunday, March 17

2:00-3:00 **Board of Directors Meetings**

3:00-6:00 **Committee Meetings**

6:00-8:00 **Evening Social**

Monday, March 18

8:30-9:10 **PLENARY SESSION**

Welcome: *Walter Stout, CFM, OFMA Chair, 2001-2002 & Ken Morris, CFM, Executive Director*

GIS Applications in Flood Hazard Mitigation Planning: *Janet Meshek, CFM and Meredith Reeder, GIS Specialist*

9:30 -12:00 **BREAKOUT SESSIONS—See page 3**

12:00-1:00 **Luncheon Keynote Address:** The Honorable Thad Balkman, State Representative, Norman; Special Award Presentation and Legislative Update-Ken Morris, CFM, Executive Director.

1:00-3:50 **BREAKOUT SESSIONS—See page 3**

3:20-3:50 Break

3:30-5:30 **Oklahoma Floodplain Managers Association's *Certified Floodplain Manager Exam*.**
Rhonda Kouba, OFMA CFM Exam given to prior-approved applicants.

PLENARY SESSION 3:50-4:50

"Hydraulics for Dummies": *Dr. Robert Tortorelli, CFM*

A 30 minute break is provided for attendees of the Flood Hazard Mitigation Tract, before convening the closing 3:50 Plenary Session.

4:50-5:20 Break

5:20-6:00 General Membership Meeting

6:00 Adjourn

EVENING WORKSHOP

6:30-8:30 **"Mapping Needs Update Support System (MNUSS)":** *James Orwat, FEMA Region VI*

OFMA'S "NO ADVERSE IMPACT" SPRING 2002 TECHNICAL TRAINING—BREAKOUT SESSIONS

Mitigation Success Stories – Nancy Wade, CFM-City of Bartlesville; Joe Williams, Mayor-City of Bixby; Ann Patton-City of Tulsa; Andy Kincaid-Payne County; Nancy Kennedy-City of Edmond; Lynn Stevenson-Canadian County.
Flood Hazard Mitigation-New Initiatives in Mitigation

Flood Hazard Mitigation Grant Writing-How do I prepare a Hazard Mitigation Grant application?
Ecosystem Restoration
Stream Bank Restoration
No Adverse Impact
Floodplain Ordinance Enforcement Procedures.

Third Annual Oklahoma Flood Forum



The National Flood Insurance Program, the Federal Emergency Management Agency, the Oklahoma Water Resources Board, the Oklahoma Floodplain Managers Association and Carroll Fisher, Insurance Commissioner of the Oklahoma Insurance Department, encourages you to attend the 3rd Annual Oklahoma Flood Forum.

MARCH 19, 2002

**The Clarion Hotel
737 South Meridian
Oklahoma City, OK**

Phone Number for Hotel Reservations: (405) 942-8511

Remember – Flood insurance is the number one defense for property owners against flood loss. Maintaining flood insurance is one of the most important things you can do to protect yourself and your clients from financial losses due to flooding.

This conference has been designed for insurance agents, adjusters, insurance company staff, mortgage loan officers and staff, realtors, appraisers, surveyors, state and local officials, business owners, and all other interested citizens.

You will learn about recent changes in public policy & how the NFIP can benefit the insurance industry. In addition, you will be able to meet with flood experts in your field to get answers to your questions.



Forum Schedule

8:00 a.m. – 9:00 a.m.	Registration
9:00 a.m. – 12 noon	Plenary Session including a panel of flood experts
12 noon – 1:30 p.m.	Lunch will be provided
1:30 p.m. – 4:30 p.m.	Interactive Group Session

Continued Education offered, as approved.

**THERE IS NO CHARGE FOR THE
FLOOD FORUM**

REGISTRATION FORM
(Seating is Limited. Register early.)

NAME: _____

COMPANY: _____

ADDRESS: _____

CITY, STATE _____

PHONE#: _____ **FAX#:** _____

EMAIL: _____

(This registration may be duplicated for additional attendees.)
Complete and mail the registration to:

National Flood Insurance Program
15835 Park Ten Place Suite 108
Houston, TX 77084
Phone (281) 829-6880 or
FAX (281) 829-6879

Web Sites

OFMA www.okflood.org
ASFPM www.floods.org
OWRB www.owrb.state.ok.us
FEMA www.fema.gov
OEMA www.angelfire.com/ok2/oema/
ODCEM www.onenet.net/~odcem/
Corps of Engineers (USACE)
www.swt.usace.army.mil
U.S. Geological Survey (USGS)
ok.water.usgs.gov
EMI Independent Study
www.fema.gov/home/emi/ishome.htm
Advanced Study Institute
web.uccs.edu/geogenvs/natoasi
WebMaster: Hank Elling, P.E., CFM
 (580)248-7762 hcelling@owrb.state.ok.us

Notes from the Executive Director-February 13, 2002

Dear Floodplain Managers:

Thank you for all you do at the local level. You know who you are; those floodplain managers that make sure the "brother-n-law" deals do not go forward; you ensure all permits are obtained; you ensure all activities in your communities floodplains comply with your flood ordinance. Over the years I have visited with many of you about how difficult it is to enforce your flood ordinance and how sometimes support seems far away. We talk about CAVs, CACs, Probation, Suspension, etc. but do we ever just say Thank you. Well it is time to do just that, *Thank you* for doing all the good jobs you do in this very special and technical profession. Sometimes you may think "why go the extra effort and do it the right way", but you do. I want you to know I appreciate this effort and it does not go unnoticed. It is this kind of teamwork & partnership that gets things done and does make a difference at the local level that in turn affects the big picture of flood loss reduction.

Also, on Feb 13th, OFMA hosted its 5th Legislative Reception and

(Continued on page 5)

Calendar of Educational Opportunities

- **Mar 18, 2002: OFMA Spring Technical Training**, \$40.00 Registration Fee; Clarion Hotel, OKC. Contact: Carolyn Schultz (918) 669-4919
- **Mar 19, 2002: Oklahoma Flood Forum**, No Charge; Clarion Hotel, OKC; for FP Administrators, Insurance and Real Estate Agents, Lenders, and Public Officials; Contact: NFIP (281) 829-6880.
- **Mar 25-28, 2002: National Floodproofing Conference, II** Downtown Hyatt, Tampa, FL. ASFPM and Partners. Contact: *Diane Watson*, 2809 Fish Hatchery Road, Ste. 204, Madison, WI 53713-3120; (608) 274-0123; fax: (608)274-0696; e-mail: asfpm@floods.org; website: www.floods.org
- **May 7, 2002: Region 1 Floodplain Management Workshop**, Norman, OK; No Charge, Contact: OWRB, *Ken Morris (405) 530-8800*.
- **May 9, 2002: Region 2 Floodplain Management Workshop**, Tulsa, OK; No Charge, Contact: OWRB, *Ken Morris (405) 530-8800*.
- **May 14, 2002: Region 5 Floodplain Management Workshop**, Woodward, OK; No Charge, Contact: OWRB, *Ken Morris (405) 530-8800*.
- **May 16, 2002: Region 4 Floodplain Management Workshop**, Lawton, OK; No Charge, Contact: OWRB, *Ken Morris (405) 530-8800*.
- **May 20-22, 2002: National Flood Conference** Hyatt Regency, New Orleans, LA. For more information: FEMA.GOV/NFIP or (281) 829-6880.
- **May 29, 2002: Region 3 Floodplain Management Workshop**, McAlester, OK; No Charge, Contact: OWRB, *Ken Morris (405) 530-8800*.
- **Jun 23-28, 2002: Twenty-Sixth Annual Conference of the Association of State Floodplain Managers**, Phoenix, AZ. Contact: *ASFPM Executive Office*, 2809 Fish Hatchery Road, Ste. 204, Madison, WI 53713-3120; (608) 274-0123; fax: (608)274-0696; e-mail: asfpm@floods.org; website: www.floods.org
- **Sep 23-25, 2002: OFMA Annual Fall Conference**, Quartz Mountain Resort, Lone Wolf, OK; Cost: \$130 Contact: *OFMA, P.O. Box 8101, Tulsa, OK 74101-8101*; website: www.okflood.org
- **Jun 3-8, 2003: Twenty-Seventh Annual Conference of the Association of State Floodplain Managers**, St. Louis, MO. Contact: *ASFPM Executive Office*, 2809 Fish Hatchery Road, Ste. 204, Madison, WI 53713-3120; (608) 274-0123; fax: (608)274-0696; e-mail: asfpm@floods.org; website: www.floods.org

Notes from the Executive Director-February 13, 2002 (Continued from page 4)

the guest book shows over 268 folks visited 412B today. Thanks to the OFMA Board and members for a very successful reception. This year the Executive Board members were introduced by name to the full House and Senate. As you know, OFMA is supporting two bills, HB 2228 and HB 1969. With your support we can see the floodplain act become stronger to protect the floodplain resource we are working so hard to manage and fund the flood hazard mitigation account. Please look at how our membership has grown over the years with over 245 members and numerous accomplishments to be very proud. Thank you members for your hard work and continued support.

Please come to the Spring *"No Adverse Impact"* Technical Workshop and Flood Forum in Oklahoma City, March 17-19, 2002. For more details contact Carolyn Schultz at (918) 669-4919.

Sincerely,
Ken

Oklahoma Floodplain Managers Association

Vision

Floodplains are for floodwaters, habitat, water quality enhancement and recreation.

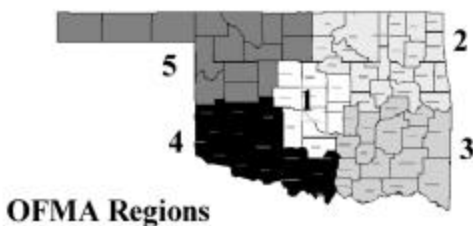
Mission

We encourage and support, with our partners, flood-safe development and flood mitigation. We promote sound floodplain management practices and the natural and cultural benefits of the floodplain. We support the floodplain management profession through education and certification.

Saving lives from floods and reducing property loss from floods are paramount to us.

An Invitation to Join OFMA

The Oklahoma Floodplain Managers Association is a non-profit organization primarily dedicated to providing information and education to the public about reduction of loss of life and property due to flooding.



The best investment that \$20.00 can buy in the future of your state is a membership in the Oklahoma Floodplain Managers Association.

OFMA Membership Application

Name: _____

Company/Organization: _____

Title: _____

Address: _____

Work Phone: _____

City/Town: _____ State: _____ Zip: _____

Fax: _____

E-Mail: _____

Detach and Mail to:

OFMA

P.O. Box 8101

Tulsa, OK 74101-8101

New Member: ☐

Renewal: ☐

Region (see map): 1 2 3 4 5

Committees:

___ Mitigation ___ Floodplain Regulations

___ Flood Insurance ___ Mapping & Engineering

___ Flood Proofing ___ Stormwater Management

___ Research

Dues Schedule:

First-Year dues are probated depending on the quarter during which you join. The fiscal year start October 1st and ends September 30th.

	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
Full Membership	\$30.00	\$22.50	\$15.00	\$7.50
Student Membership	15.00	11.25	7.50	3.75
Associate Membership	20.00	15.00	10.00	5.00
Agency Membership	50.00	37.50	25.00	12.50
(Plus \$10.00 per employee designated by the Agency)				
Corporate Sponsor	100.00	75.00	50.00	25.00



OFMA General Store

Oklahoma Floodplain Managers Association gifts are now available. The attractive OFMA articles are of the highest quality. You will be proud to wear and display them.

To Order: OFMA
P.O. Box 8101
Tulsa, OK 74101

Or Call: Carolyn Schultz
(918) 669-4919



OFMA Products

OFMA Golf Shirt	\$ 35.00
Sizes (S, M, L, X-L)	
Briefcase	25.00
Baseball Cap	15.00
Size (One size fits all)	
Insulated Mug	10.00
Umbrella	20.00
Portfolio	25.00
Lapel Pin	3.00
CFM Lapel Pin	\$ 5.00
Shipping and handling \$4.95 per order.	

Definition: Base Flood & Special Flood Hazard Area

Base Flood - The flood having a one-percent (1%) chance of being equaled or exceeded in any given year.

Special Flood Hazard Area (SFHA) - The land in a floodplain within the community subject to a one-percent (1%) or greater chance of flooding in any given year.



OFMA'S CORPORATE PARTNERS



Oklahoma Municipal League Jimi Layman 201 N.E. 23rd Street Oklahoma City, OK 73105-3199 (405) 528-7515 (800) 324-6651	Myers Engineering Bill Myers 116 NW 132nd St. Oklahoma City, OK 73114 (405) 755-5325	Oklahoma Insurance Commission Carroll Fisher 2401 N.W. 23rd, Ste. 28 P.O. Box 53408 Oklahoma City, OK 73152 (405) 521-2828 (800) 522-0071 www.oid.state.ok.us
FTN Associates, Ltd. Conrad Battreal, P.E., CFM Senior Floodplain Manager 3 Innwood Circle, Ste. 220 Little Rock, AR 72211 (501) 225-7779 E-mail: flood@ftn-assoc.com Website: www.ftn-assoc.com	Vieux & Associates, Inc. Jean Vieux 1215 Crossroads Blvd., Ste. 118 Norman, OK 73072 (405) 292-6259 Fax: (405) 292-6258 E-mail: jv@vieuxinc.com Website: www.vieuxinc.com	International Center for Natural Hazards and Disaster Research Baxter Vieux, Ph.D., P.E. Director 202 West Boyd, CEC Room 334 Norman, OK 73019 (405) 325-3600 E-mail: bvieux@ou.edu
Atkins-Benham Barend Meiling Hydrologist 2488 E. 81st St., Ste. 6000 Tulsa, OK 74137 (918) 492-1600 Fax: (918) 492-1031 E-mail: bmeiling@atkinsbenham.com	Oklahoma Society of Land Surveyors David Anderson Executive Director P.O. Box 720126 Oklahoma City, OK 73172-0126 (405) 721-7222 E-mail: osls@osls.org Website: www.osls.org	 ENGINEERS • ARCHITECTS • SCIENTISTS • PLANNERS • SURVEYORS Diane L. Calhoun, CFM Program Manager Floodplain Management/Flood Insurance 4000 Fossil Creek Boulevard • Fort Worth, Texas 76137 (817) 847-1422 Metro (817) 429-9975 Fax (817) 232-9784 Email: dcalhoun@halff.com Website http://www.halff.com

2001-2002 OFMA Board of Directors

The OFMA Board of Directors, elected at the 2001 OFMA-OEMA Joint Fall conference, held in Tulsa, shown in the picture at right. The Board members are:

- Ken Morris, Executive Director
- Walter Stout, Chair
- Janet Meshek, Vice-Chair
- Lynne Stevenson, Secretary
- Carolyn Schultz, Treasurer
- John Harrington, Region 1 Representative
- Nancy Wade, Region 2 Representative
- David Sprouse, Region 3 Representative
- Tom Graham, Region 4 Representative
- Jason Shiever, Region 5 Representative
- Anna Waggoner, Past Chair
- Joe Remondini, Member at Large



Shown left to right are: Anna Waggoner, Carolyn Schultz, Walter Stout, Lynne Stevenson, Joe Remondini, Nancy Wade, Janet Meshek, Tom Graham, Ken Morris and John Harrington. Not pictured are David Sprouse and Jason Shiever.

Coming up in future issues....

2002 Legislative Reception

How to properly determine the Base Flood Elevation (BFE)

Hazard Mitigation Planning

Future Conditions Hydrology for floodplain mapping

Why is the FEMA map datum important?



OFMA'S CORPORATE PARTNERS



PBS&J

Donald Vogt

12101 Indian Creek Court
Beltsville, MD 20705
(301) 210-6800

Eveready Flood Control

Art Regan

9301 West Chestnut
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MESHEK & ASSOCIATES, INC.

Civil & Water Resource Engineering

JANET K. MESHEK, PE, CFM
Civil / Water Resource Engineer

20 West 2nd Street - Suite 200 jmeshek@meshekengr.com
P.O. Box 636 Phone (918) 241-2803
Sand Springs, OK 74063 Fax (918) 241-9245

SWIFT WATER RESOURCES ENGINEERING, LLC
6 East 5th Street • Suite 205 • Tulsa, OK 74103

Mark S. Swift, P.E.
President

918-582-1380
swift13733@aol.com
FAX 918-582-1381

URS

Carthal Cobb, PE

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carthal_cobb@urscorp.com

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Planning Consultants

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Principal Planner

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Change Service Requested

February 2002

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Oklahoma Floodplain Managers Association 2001-2002

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Vice Chair:

Ms. Janet K. Meshek, PE, CFM
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Secretary:

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Treasurer:

Ms. Carolyn Schultz, CFM
Corps of Engineers
1645 S. 101st E. Avenue
Tulsa, OK 74128
Phone: (918) 669-4919
Fax: (918) 669-7546
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Oklahoma City, OK 73104
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E-mail: jharrington@acogok.org

Region 2 Representative:

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Bartlesville, OK 74003
Phone: (918) 338-4243
Fax: (918) 338-4239
E-mail: newade@cityofbartlesville.org

Region 3 Representative:

Mr. David Sprouse, CFM
City of Madill
201 East Overton
Madill, OK 73446
Phone: (580) 795-5333
Fax: (580) 795-3050
E-mail: n/a

Region 4 Representative:

Mr. Tom Graham, CFM
City of Davis
301 East Main
Davis, OK 73030
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Fax: (580) 369-2425
E-mail: thomasgraham46@hotmail.com

Region 5 Representative:

Mr. Jason Shiever
Oklahoma Water Resources Board
2411 Williams Avenue, Ste 116
Woodward, OK 73801
Phone: (580) 256-1014
Fax: (580) 256-1015
E-mail: owrbwood@onenet.net

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Mr. Kenneth Morris, CFM
Oklahoma Water Resources Board
3800 North Classen Blvd
Oklahoma City, OK 73118
Phone: (405) 530-8800
Fax: (405) 530-8900
E-mail: wkmorris@owrb.state.ok.us

Past Chair:

Ms. Anna Waggoner, CFM
City of Woodward
1219 8th Street
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Phone: (580) 254-8515
Fax: (580) 254-8514
E-mail: annawwfire@pldi.net

Honorary Board Member:

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Corps of Engineers
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The B.F.E. is published monthly by the Oklahoma Floodplain Managers Association. Information and opinions contained herein do not necessarily reflect the views of the Board of Directors. Items for publication and other editorial matters should be directed to Editor, "The B.F.E.", P.O. Box 8101, Tulsa, OK 74101-8101.



The B.F.E.*

* Base Flood Elevation

OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION NEWSLETTER

Volume 4

March 2002

Number 2

Governor Declares March Flood Insurance Month

OKLAHOMA CITY - Each year in Oklahoma, thousands of citizens who experience flood damage lack the protection afforded through readily available flood insurance. To enhance awareness of the availability of federal flood insurance, as well as inform Oklahomans about intelligent floodplain management and development procedures, Governor Frank Keating has designated March as "Flood Insurance Month" in Oklahoma.

"All too often, property owners and renters become aware of flood insurance and other protection measures only after a flood has financially devastated them or their community," said Duane Smith, Executive Director of the Oklahoma Water Resources Board (OWRB). "The Governor's proclamation provides the OWRB, insurance companies and emergency management organizations with a valuable opportunity to spread the word on the availability of relatively inexpensive flood insurance."

Smith added the timing of the Flood Insurance Month

designation is appropriate because Oklahoma's spring flooding season is just around the corner. "Most flood insurance policies require a 30-day waiting period," he pointed out. "Because, historically, most of Oklahoma's flooding disasters have occurred during the spring, now is the time for those citizens who reside in designated floodplains to purchase flood insurance, if they have not already." Smith added that a flood insurance policy may be purchased from any licensed property insurance agent.

Of the 38 presidentially declared disasters in Oklahoma since 1955, 28 have involved flooding. In an effort to mitigate such emergencies, the OWRB was named the state coordinating agency for the National Flood Insurance Program (NFIP) by Governor Dewey Bartlett in 1969. The NFIP assists Oklahomans by making flood insurance available at affordable rates and helping communities make wise decisions concerning floodplain use.

To be eligible for flood insurance, participants must establish a floodplain board, recognize floodplain

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Managing Floodplain Development Through the NFIP

Dale Hoff at Region VI FEMA is offering the 4-½ day Course April 8, 2002 at Buchanan Dam, Llano Co., TX (near Burnett). Roy Sedwick with the Lower Colorado River is the course director. Roy's email address is roy.sedwick@lcra.org.

Dale Hoff can be reached at 940-898-5225. They will accept students from Oklahoma that need to take this course to be approved to take the CFM exam.

Elevation Certificate Training for Surveyors Now Online

Certifying building elevations on the Federal Emergency Management Agency (FEMA) Elevation Certificate just became a lot easier, thanks to a new web-based training module developed for land surveyors, engineers, and architects.

The *Surveyor's Guide to the Elevation Certificate* is a new tutorial available through the National Flood Insurance Program (NFIP) website hosted by FEMA. The NFIP website, <http://www.fema.gov/nfip>, provides information about all aspects of floodplain management and flood insurance.

After accessing the NFIP website, visitors can select "Surveyors" under "Audience Type" to view the tutorial for surveyors. The surveyor's tutorial also can assist the community officials who monitor compliance with the elevation requirements of their communities' floodplain ordinances.

It takes about half an hour to browse through the new tutorial. At the home page of the *Surveyor's Guide to the Elevation Certificate*, visitors view a short introduction to the elevation certificate and then click on three section tabs to move around the site.

- Clicking on the "Elevation Certificate" tab allows visitors to view and download an electronic copy of the EC along with instructions for completing it.

- Clicking on the "Surveyor Video" tab opens a video that briefly describes the process a surveyor follows to establish a building's elevation points.
- Clicking on the "Bldg. Diagrams & Photos" tab displays a series of eight sample building diagrams and representative photos. This section of the tutorial is designed to show surveyors, engineers, and architects where to take the necessary elevation measurements for each building diagram.

Navigation tools at the bottom of each page provide information not only for how to move around within the tutorial and how to use each section most effectively, but also how to e-mail questions or comments directly to elevation certificate specialists at FEMA.

For more information about the new *Surveyor's Guide to the Elevation Certificate* training module, visit <http://nfip.kevric.com/ecsurveyor/>. With questions about completing the elevation certificate, contact FEMA's regional office in New York City or DEC's state NFIP coordinator or our regional DEC floodplain coordinator.

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Citizens Working to Protect Bartlesville from Natural Hazards

With a grant from the Federal Emergency Management Agency (FEMA), a consultant hired, and a citizen committee formed, the City of Bartlesville has begun preparation of a Hazard Mitigation Plan. The plan, required by FEMA to be adopted by October 1, will analyze 14 of Bartlesville's most threatening natural hazards and recommend measures to mitigate their sometimes dangerous effects.

Although completion of this plan is a FEMA requirement, its implementation will mean other obvious benefits to the community such as reducing insurance rates, decreasing property damage, and saving lives. This plan will not be the kind that sits on the shelf accumulating dust. It will have an implementation strategy, with target completion dates and responsible parties identified. Annually, the plan will be evaluated, and a progress report will be sent to FEMA.

14 Hazards to be Studied

floods
dam failures
tornadoes
high winds
hailstorms
lightning
winter storms
extreme heat
drought
expansive soil
urban fires
wild fires
earthquakes
hazardous materials events

2002 LEGISLATIVE RECEPTION - February 13, 2002



The 5th Legislative Reception was a huge success. There are 268 new signatures in the reception guest book. A special thank you goes out to those people that went above and beyond the minimum, prior to the reception, to educate our lawmakers about what and who we are. They are Lynne Stevenson, Walter Stout, Walt Allen, Rex Hennen, John Harrington, Ruth Walters, Hank Elling, Nancy Wade, Mike McCool, Jason Shiever, Janet Meshek, Carolyn Schultz and Ken Morris. These people played an integral part in the success of this special event. Jerry Tiedeman with Maccaferri, Inc. came all the way from Ft. Worth to show support for what we are doing.

Special guests stopping by the reception included Carroll Fisher, State Insurance Commissioner, and Chris Bruehl of the Governor's staff, plus many State Senators and State Representatives. Purcy Walker and Thad Balkman came by, as well as Representative M.C. Liest, Chair of the Natural Resources Committee. Region VI FEMA Deputy Director, Gary Jones, traveled from Denton, TX to support this effort. Albert Ashwood, Executive Director of ODCM accompanied Gary Jones to the reception. Lonnie Ward introduced Gary Jones to Howard Barnett, the Governor's Chief of Staff. They also had an opportunity to visit with the Governor about our programs and what we want to accomplish.



A special acknowledgement goes to Rhonda Kouba for taking care of the name tags, handout materials and putting up with Ken! Thanks again to everyone involved for the work and support of this year's legislative effort.

ASFPM National Conference

Phoenix AZ

June 23-28, 2002

Planning is well underway for the Association of State Floodplain Managers' 26th national conference, **Breaking the Cycle of Repetitive Flood Loss**, at the Hyatt Regency Phoenix, June 23-28, 2002. The team is very busy finalizing plans for the program, various events and sponsors, and working to get the full brochure to print by the end of January. Besides the full technical program, various topical training workshops as well as FPM 101 and 201 will be offered on Sunday, Wednesday and Friday. Technical field tours will be conducted Sunday and Wednesday mornings, with the national Awards Luncheon on Thursday. There are some changes in the traditional schedule pattern, so it is extremely important that you preview the agenda before making your travel plans! Look for information and the full brochure on the ASFPM website at www.floods.org/Phoenix.

Web Sites

OFMA www.okflood.org

ASFPM www.floods.org

OWRB www.owrb.state.ok.us

FEMA www.fema.gov

OEMA www.angelfire.com/ok2/oema/

ODCEM www.onenet.net/~odcem/

Corps of Engineers (USACE)

www.swt.usace.army.mil

U.S. Geological Survey (USGS)

ok.water.usgs.gov

EMI Independent Study

www.fema.gov/home/emi/ishome.htm

Advanced Study Institute

web.uccs.edu/geogenvs/natoasi

WebMaster: Hank Elling, P.E., CFM

(580)248-7762 hcelling@owrb.state.ok.us

Governor Declares March Flood Insurance Month *(Continued from page 1)*

boundaries and restrict development in those areas. Such strategies typically result in reduced federal outlays to mitigate flood damages. The OWRB is the state agency designated to coordinate the NFIP in Oklahoma in a cooperative partnership with the Oklahoma Insurance Department, Oklahoma Department of Civil Emergency Management and the Oklahoma Floodplain Managers Association.

Only 12 percent of all homes or structures in the state that lie in the 100-year floodplain are covered by flood insurance, according to Ken Morris, OWRB State Floodplain Manager. "It is disheartening that relatively few people take advantage of the benefits afforded through the purchase of flood insurance, especially since it is so inexpensive and offers such comprehensive protection against one of our most common natural disasters," Morris said.

Also, to make citizens better aware of flooding problems in Oklahoma, Governor Keating has designated May 2002 as "Flood Awareness Month."

For more information on Flood Insurance Month, call Ken Morris, of the OWRB's Planning Division, at 405/530-8800.

Brian R. Vance
Oklahoma Water Resources Board
405-530-8866

Calendar of Educational Opportunities

- **Mar 25-28, 2002: National Floodproofing Conference, II** Downtown Hyatt, Tampa, FL. ASFPM and Partners. Contact: *Diane Watson*, 2809 Fish Hatchery Road, Ste. 204, Madison, WI 53713-3120; (608) 274-0123; fax: (608)274-0696; e-mail: asfpm@floods.org; website: www.floods.org
- **May 7, 2002: Region 1 Floodplain Management Workshop**, Norman, OK; No Charge, Contact: OWRB, *Ken Morris* (405) 530-8800.
- **May 9, 2002: Region 2 Floodplain Management Workshop**, Tulsa, OK; No Charge, Contact: OWRB, *Ken Morris* (405) 530-8800.
- **May 14, 2002: Region 5 Floodplain Management Workshop**, Woodward, OK; No Charge, Contact: OWRB, *Ken Morris* (405) 530-8800.
- **May 16, 2002: Region 4 Floodplain Management Workshop**, Lawton, OK; No Charge, Contact: OWRB, *Ken Morris* (405) 530-8800.
- **May 20-22, 2002: National Flood Conference** Hyatt Regency, New Orleans, LA. For more information: FEMA.GOV/NFIP or (281) 829-6880.
- **May 29, 2002: Region 3 Floodplain Management Workshop**, McAlester, OK; No Charge, Contact: OWRB, *Ken Morris* (405) 530-8800.
- **Jun 23-28, 2002: Twenty-Sixth Annual Conference of the Association of State Floodplain Managers**, Phoenix, AZ. Contact: *ASFPM Executive Office*, 2809 Fish Hatchery Road, Ste. 204, Madison, WI 53713-3120; (608) 274-0123; fax: (608)274-0696; e-mail: asfpm@floods.org; website: www.floods.org
- **Sep 23-25, 2002: OFMA Annual Fall Conference**, Quartz Mountain Resort, Lone Wolf, OK; Cost: \$130 Contact: *OFMA*, P.O. Box 8101, Tulsa, OK 74101-8101; website: www.okflood.org
- **Jun 3-8, 2003: Twenty-Seventh Annual Conference of the Association of State Floodplain Managers**, St. Louis, MO. Contact: *ASFPM Executive Office*, 2809 Fish Hatchery Road, Ste. 204, Madison, WI 53713-3120; (608) 274-0123; fax: (608)274-0696; e-mail: asfpm@floods.org; website: www.floods.org

Notes from the State Floodplain Manager

Does every community now have an All Hazards Mitigation Plan?

If you don't you should. After the winter storms last year and the January 30, 2002, winter storm this year (FEMA-1401-DR-OK) a substantial amount of mitigation money was made available to communities that participate in the National Flood Insurance Program. Last winter 2001, approximately \$22 Million was made available for such purposes and this year about \$19 Million is available. Under the leadership of Albert Ashwood, Executive Director of the Oklahoma Department of Civil Emergency Management, every county in the NFIP should be able to put a plan together to mitigate future wildfires, high winds, tornadoes, floods, terrorism and hazardous material events, to name a few. If you are a community official and have not taken action on this excellent opportunity, please contact Connie Dill, the State Hazard Mitigation Officer at (405) 521-2481.

After the ice storm and the President signed the disaster declaration, FEMA set up the disaster field office and FEMA Region V, Chicago was assigned the disaster. Norm Schorbert and Rusty Rickart of Region V took the lead for this disaster and did an excellent job. A primary assignment of the disaster team is to work with communities not in the NFIP. Mike Klitzke from Wisconsin and Jim Blix, Minnesota, both DAEs (disaster assistance employees) were assigned this task. Mike and Jim are working closely with the OWRB staff, Gavin Brady, Hank Elling, Jason Shiever & I, in contacting non-participating NFIP communities & encouraging participation. About 50 communities have been contacted and several have expressed interest in joining. Thanks to Mike,

(Continued on page 7)

Oklahoma Floodplain Managers Association

Vision

Floodplains are for floodwaters, habitat, water quality enhancement and recreation.

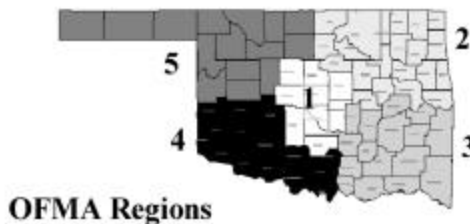
Mission

We encourage and support, with our partners, flood-safe development and flood mitigation. We promote sound floodplain management practices and the natural and cultural benefits of the floodplain. We support the floodplain management profession through education and certification.

Saving lives from floods and reducing property loss from floods are paramount to us.

An Invitation to Join OFMA

The Oklahoma Floodplain Managers Association is a non-profit organization primarily dedicated to providing information and education to the public about reduction of loss of life and property due to flooding.



The best investment that \$20.00 can buy in the future of your state is a membership in the Oklahoma Floodplain Managers Association.

OFMA Membership Application

Name: _____ Company/Organization: _____
 Title: _____ Address: _____
 Work Phone: _____ City/Town: _____ State: _____ Zip: _____
 Fax: _____ E-Mail: _____

Detach and Mail to:
OFMA
 P.O. Box 8101
 Tulsa, OK 74101-8101

New Member: ☐ Renewal: ☐
 Region (see map): 1 2 3 4 5

Committees:
☐ Mitigation ☐ Floodplain Regulations
☐ Flood Insurance ☐ Mapping & Engineering
☐ Flood Proofing ☐ Stormwater Management
☐ Research

Dues Schedule:

First-Year dues are probated depending on the quarter during which you join. The fiscal year start October 1st and ends September 30th.

	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
Full Membership	\$30.00	\$22.50	\$15.00	\$7.50
Student Membership	15.00	11.25	7.50	3.75
Associate Membership	20.00	15.00	10.00	5.00
Agency Membership (Plus \$10.00 per employee designated by the Agency)	50.00	37.50	25.00	12.50
Corporate Sponsor	100.00	75.00	50.00	25.00



OFMA General Store

Oklahoma Floodplain Managers Association gifts are now available. The attractive OFMA articles are of the highest quality. You will be proud to wear and display them.

To Order: OFMA
P.O. Box 8101
Tulsa, OK 74101

Or Call: Carolyn Schultz
(918) 669-4919



OFMA Products

OFMA Golf Shirt	\$ 35.00
Sizes (S, M, L, X-L)	
Briefcase	25.00
Baseball Cap	15.00
Size (One size fits all)	
Insulated Mug	10.00
Umbrella	20.00
Portfolio	25.00
Lapel Pin	3.00
CFM Lapel Pin	\$ 5.00
Shipping and handling	\$4.95 per order.

Definition: Base Flood & Special Flood Hazard Area

Base Flood - The flood having a one-percent (1%) chance of being equaled or exceeded in any given year.

Special Flood Hazard Area (SFHA) - The land in a floodplain within the community subject to a one-percent (1%) or greater chance of flooding in any given year.



OFMA'S CORPORATE PARTNERS



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You know you are in the floodplain *(with apologies to Jeff Foxworthy):*

If you have to wear a mask and snorkel to watch TV...

If you dream you are fishing and wake up on your mattress in the middle of a lake...

If you spend the weekend camping on the top of your pickup...

If you ride your house more than fifty feet downstream...

If you catch a 10 lb. bass in your pillow-case...

If you reach over to kiss your spouse and

think her skin is rough. You open your eyes and are eye to eye with an alligator...

If Carolyn Schultz writes you a letter that states "don't call me"...

If you get out of bed to go to the bathroom in the middle of the night and get your feet wet and haven't gone yet...

If your neighbors ask if they need a fishing license to fish in your living room...

If your local floodplain administrator says "We've got to stop meeting like this."

Thanks to Andy Kincaid!

Notes from the State Floodplain Manager *(Continued from page 5)*

Jim, Gavin, Hank & Jason for their hard work & time they made for this unexpected additional task.

Please keep fighting the flood fight, enforce your ordinance in a professional manner and attend floodplain management training annually. To be a good floodplain manager, education, training and confidence are key to do this tough and many times thankless job. The main benefit of saving lives and protecting property from flooding makes it all worthwhile.

Thank you,

Ken Morris, CFM



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The B.F.E.

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March 2002

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The B.F.E.*

* Base Flood Elevation

OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION NEWSLETTER

Volume 4

April 2002

Number 3

Governor Declares March Flood Insurance Month

Governor Keating, OK Senate, and OK House of Representatives Declare May as Flood Awareness Month

Each year in Oklahoma, thousands of citizens who experience flood damage lack the protection afforded through readily available flood insurance. To inform Oklahomans about intelligent floodplain development and warn them of dangers posed by flooding events, Governor Frank Keating has designated March as "Flood Insurance Month" and May as "Flood Awareness Month."

"All too often, property owners and renters only become aware of flood insurance and other protection measures after a flood has financially devastated them or their community," says Duane Smith, Executive Director of the OWRB. "The Governor's proclamation provides the OWRB, insurance companies, and emergency management organizations with a valuable opportunity to spread the word on availability of relatively inexpensive flood insurance."

Smith adds that the timing of the Flood Insurance Month designation is appropriate because Oklahoma's spring flooding season is just around the corner. "Most flood insurance policies require a 30-day waiting period," he points out. "Now is the time for those citizens who reside in designated floodplains to purchase flood insurance if they have not already."

A flood insurance policy may be purchased from any licensed property insurance agent. "Severe flooding episodes occur in Oklahoma most frequently in the spring and fall," says Ken Morris, state floodplain management coordinator. "Implementation of sound floodplain management and building strategies, particularly through the National Flood Insurance Program (NFIP), is the most effective way for communities to avert potential flood damages."

On an individual basis, Morris reminds Oklahomans of the dangers of driving into floodwaters. "Almost one-half of flood-related fatalities occur in vehicles, primarily when people drive into flooded highway dips or low drainage areas at night. As little as six inches of water can cause drivers to lose control of their vehicles. Two feet of water will sweep most cars off the road," he points out.

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Of the 38 presidentially-declared disasters in Oklahoma since 1955, 28 have involved flooding. In an effort to mitigate such emergencies, the OWRB was named the state coordinating agency for the NFIP by Governor Dewey Bartlett in 1969. The NFIP assists Oklahomans by making flood insurance available at affordable rates and helping communities make wise decisions concerning floodplain use. To be eligible for flood insurance, participants must establish a floodplain board, recognize floodplain boundaries and restrict development in those areas. Such strategies typically result in reduced federal outlays to mitigate flood damages.

The OWRB is the state agency designated to coordinate the NFIP in Oklahoma in a cooperative partnership with the Oklahoma Insurance Department, Oklahoma Department of Civil Emergency Management and the Oklahoma Floodplain Managers Association. According to Morris, only 12 percent of all homes or structures in the state that lie in the 100-year floodplain are covered by flood insurance. He adds, "It is disheartening that relatively few people take advantage of the benefits afforded through the purchase of flood insurance, especially since it is so inexpensive and

"NO ADVERSE IMPACT" OFMA'S 2002 SRING TECHNICAL TRAINING

On March 17-18, 2002, the Oklahoma Floodplain Managers Association held its spring training workshop in Oklahoma City. Participant evaluations indicated that this year's workshop was one of the best ever. The theme of the workshop, "No Adverse Impact," was both timely and appropriate. No Adverse Impact (NAI), a new national initiative begun by the Association of State Floodplain Managers (ASFPM), focuses on the need to insure that any development in a floodplain does not adversely affect other areas. NAI is also a good way to call attention to the need to go above and beyond the minimum National Flood Insurance Program (NFIP) standards. More information on this important topic can be found on the ASFPM web site at <http://www.floods.org>. In addition to a number of informative sessions, other workshop activities included an OFMA Board of Directors meeting, committee meetings, and an evening social.

At the board meeting, Secretary Lynne Stevenson, CFM, reported on the recent conference for the Oklahoma Society of Land Surveyors. Ms. Stevenson, who attended the conference and worked at the OFMA booth, visited with many surveyors about the OFMA Spring Workshop. She requested that OFMA training workshops be certified so surveyors could obtain continuing education credits. This effort led to 40 surveyors attending a special session at the OFMA training workshop by Hank Elling, who explained several methods on estimating base flood elevation.

Other issues at the Board meeting included a report by Treasurer Carolyn Schultz that OFMA had more members now than ever before (268) and a treasury balance of \$12,659. Ken Morris, State Floodplain Manager, reported on a major effort by FEMA regarding the January ice storm disaster. FEMA Region V is working this disaster to assist Region VI staff due to numerous other disasters in the five-state area. An article appeared in the "March B.F.E." on this special NFIP initiative. On a positive note, NFIP communities now an opportunity to obtain mitigation funds for plan development. Mr. Morris also pointed out that Governor Keating had proclaimed May 2002 as "Flood Awareness Month," and the Oklahoma Water Resources Board has scheduled 5 basic floodplain management workshops around the state. The dates and locations of each can be found on the OFMA web site at <http://www.okflood.org>.

The Professional Development Certification Committee (PDCC) report showed OFMA to have 107 Certified Floodplain Managers. As a result of the last administration of the exam, a few questions were evaluated and changed. The report also stated that David Wakefield maintains a detailed database with the number of CECs each CFM obtains through out the year.

Following the Board meeting, the Mapping and Engineering Committee met. The committee, chaired by Rex Hennen, CFM, is working closely with FEMA and James Orwat in trying to improve flood maps throughout Oklahoma. An important focus of the committee is digitizing state flood maps and looking at how the Geographic Information System can improve state flood maps at the local level. For more information about this committee, please contact Rex Hennen in Shawnee at (405) 273-1250.

Other committees that met included the Mitigation Committee, led by Bob Patton, CFM, Tulsa, and the Information and Public Education Committee, led by Andy Kincaid, Payne County Floodplain Manager.

Janet Meshek, Vice Chair, opened the Monday morning plenary session and welcomed 107 attendees. Ms. Meshek explained that it is up to local floodplain officials to ensure future floodplain development is designed and constructed to ensure flood loss is reduced statewide.

Representative Thad Balkman gave a compelling and entertaining luncheon speech on NAI and NFIP initiatives under review. The talk was shared with the ASFPM Executive Office, which intends to post it on its home page. Rep. Balkman also gave a short legislative update on two bills OFMA supported this year, HB 2228 (education bill) and HB 1969 (mitigation funding). At the luncheon OFMA presented James LeGrotte, former FEMA employee with Region VI (Denton), an Outstanding Service Award for valuable floodplain management support to Oklahoma and for his support in seeing the importance of establishing a floodplain association in Oklahoma.

Three breakout sessions were held: Flood Hazard Mitigation, Outside the Box, and Hank Elling's special session on estimating base flood elevation. All sessions were well attended.





Flood Forum Confronts Need for Flood Insurance

The third annual Oklahoma Flood Forum, sponsored by the OWRB, Oklahoma Insurance Department, Oklahoma Floodplain Managers Association, and Federal Emergency Management Agency, was held March 19 in Oklahoma City.

Attending the event, held in conjunction with Flood Insurance Month in Oklahoma, were insurance agents, claims adjusters, appraisers, surveyors, lenders, and floodplain management officials from across the state.



Among those who addressed the attendees were Keynote Speaker and Oklahoma Lieutenant Governor Mary Fallin (upper left); Opal Ellis, Oklahoma Insurance Department (lower left); Thad Balkman State Rep. (previous page); Jack Roberts, Apache Mayor and Farm Bureau insurance agent (upper right); and Lonnie Ward, FEMA Region VI (lower right). Speakers concurred that the flood insurance industry must do a better job of providing flood insurance coverage to Oklahomans. More than 87 percent of properties in Oklahoma's floodplains and approximately 87,000 homes and businesses in special flood hazard areas lack flood insurance coverage.

Story by Darla Whitley, OWRB



ASFPM National Conference - Breaking the Cycle of Repetitive Flood Loss Phoenix AZ - June 23-28, 2002

The 2002 ASFPM conference offers something for everyone, from panel discussions to concurrent sessions, technical field tours to topical training workshops, exhibits of the premier tools and techniques to post-session networking. The Certified Floodplain Manager exam will be proctored twice during the week. Conference attendance and various workshops qualify for Continuing Education Credits.

For information on the conference and registration forms, as well as a downloadable 16-page conference brochure, go to <http://www.floods.org/phoenix/> on the web.

Plenary sessions include:

- New Directions in Flood Mitigation
- The Importance of Community Based Plan
- Managing Floodplains for Risk Reduction and Natural Functions
- The Role of Partners in Floodplain management
- Using Technology to Improve Floodplain management

Technical Workshops include:

- Floodplain Management 101 (6 CECs)
- Flood Mitigation Planning – The Disaster Mitigation Act (DMA) OF 2000 (6 CECs)
- Flood Proofing Techniques (4 CECs)
- Map Revisions and Amendments (4 CECs)
- Floodplain Management 201 (6 CECs)
- NFIP Repetitive Loss – How To Handle It (1.5 CECs)
- Flood Hazard Mapping Partners - FEMA's Guidelines & Specifications (1.5 CECs)
- The Community Assistance Visit (CAV) and What It Can Do For You (1.5 CECs)
- FEMA Flood Insurance Studies Software (1.5 CECs)
- Coastal Theory and Mapping (4 CECs)
- Flood Frequency Analysis for Gauged and Ungauged Streams (4 CECs)
- Cooperating Technical Partners Initiative (4 CECs)
- HAZUS Flood Loss Estimation Model and New Flood Information Tool (2 CECs)

Web Sites

OFMA www.okflood.org

ASFPM www.floods.org

OWRB www.owrb.state.ok.us

FEMA www.fema.gov

OEMA www.angelfire.com/ok2/oema

ODCEM www.onenet.net/~odcem

Corps of Engineers (USACE)

www.swt.usace.army.mil

U.S. Geological Survey (USGS)

ok.water.usgs.gov

Advanced Study Institute

web.uccs.edu/geogenvs/natoasi

CLOMR/LOMR Forms:

www.fema.gov/forms/forms.htm

EPA NPDES Phase II site:

www.epa.gov/npdes/

SMRC Stormwater Mgr Resource

Center: www.stormwatercenter.net

WebMaster: Hank Elling, P.E., CFM (580)

248-7762 hcelling@owrb.state.ok.us

Notes from the Executive Director

MANUFACTURED HOUSING-DID U KNOW!!

Manufactured housing is a very affordable and comfortable type of dwelling and is not expensive. It can be a very nice option for many families. Manufactured housing has been called many things, house trailers, mobile homes, etc. Actually there are many more types of manufactured homes than this. I am no expert in the manufactured housing industry and do not claim to be. One thing that does concern me about this industry is how manufactured homes are installed in the special flood hazard areas. As most floodplain managers know across the state manufactured home parks historically have been located in flood hazard areas or the floodplain. When Oklahoma has experienced a major flood the one type of property that seems to be damaged more than others is the house trailer or manufactured home. I can remember the 1984 Memorial Day Flood in Tulsa and the Holiday Mobile Home Park. Many of the trailers in this park were destroyed.

Now, let me get to the point. Oklahoma has a law that requires professionals that install mobile homes take mandatory training, pass an exam, and pay a fee. The Oklahoma Manufactured Housing Association administers the training and license program for mobile home installers. It seems to me that these installers need training on how to install a mobile home in flood hazard areas. I attended an 8-hour training session last year and passed the exam. At this time I approached the instructor and tried to explain the rules on installing a manufactured home in the floodplain, but it fell on deaf ears. The exam contained no questions about the requirements on elevation and tie down requirements in the floodplain. Don't you believe our Oklahoma licensed installers in Oklahoma should be trained on how to install a trailer in the floodplain? What about obtaining a floodplain development permit? Oklahoma has 364 communities that have adopted a flood ordinance that requires specific detailed requirements on the installation of a manufactured home in the floodplain.

Wouldn't it be nice if the licensed manufactured home installers in Oklahoma were trained on this very important subject? I have approached the Executive Director of the Manufactured Housing Association of Oklahoma and asked to provide one hour of instruction to the installers, but have had no success. Also, the Used Motor Vehicle Commission has been approached and as of this date they have chose not to include this training for licensed manufactured home installers.

What do you believe the next step is?

Calendar of Educational Opportunities

- **May 7, 2002: Region 1 Floodplain Management Workshop**, Norman, OK; No Charge, Contact: OWRB, Ken Morris (405) 530-8800.
- **May 9, 2002: Region 2 Floodplain Management Workshop**, Tulsa, OK; No Charge, Contact: OWRB, Ken Morris (405) 530-8800.
- **May 14, 2002: Region 5 Floodplain Management Workshop**, Woodward, OK; No Charge, Contact: OWRB, Ken Morris (405) 530-8800.
- **May 16, 2002: Region 4 Floodplain Management Workshop**, Lawton, OK; No Charge, Contact: OWRB, Ken Morris (405) 530-8800.
- **May 20-22, 2002: National Flood Conference** Hyatt Regency, New Orleans, LA. For more information: FEMA.GOV/NFIP or (281) 829-6880.
- **May 29, 2002: Region 3 Floodplain Management Workshop**, McAlester, OK; No Charge, Contact: OWRB, Ken Morris (405) 530-8800.
- **Jun 23-28, 2002: Twenty-Sixth Annual Conference of the Association of State Floodplain Managers**, Phoenix, AZ. Contact: ASFPM Executive Office, 2809 Fish Hatchery Road, Ste. 204, Madison, WI 53713-3120; (608) 274-0123; fax: (608)274-0696; e-mail: asfpm@floods.org; website: www.floods.org
- **Sep 23-25, 2002: OFMA Annual Fall Conference**, Quartz Mountain Resort, Lone Wolf, OK; Cost: \$130 Contact: OFMA, P.O. Box 8101, Tulsa, OK 74101-8101; website: www.okflood.org
- **Jun 3-8, 2003: Twenty-Seventh Annual Conference of the Association of State Floodplain Managers**, St. Louis, MO. Contact: ASFPM Executive Office, 2809 Fish Hatchery Road, Ste. 204, Madison, WI 53713-3120; (608) 274-0123; fax: (608)274-0696; e-mail: asfpm@floods.org; website: www.floods.org

Court Backs Couple, Finds State Farm Agent Negligent (San Antonio Express News, Texas)

San Antonio Express News

By Adolfo Pesquera, Express-News Business Writer
May 3, 2002

A Guadalupe County couple suing State Farm Fire & Casualty Co. won a decision this week when the 4th Court of Appeals said a lower court should not have dismissed their claim that an agent was negligent when he discouraged them from buying flood insurance.

After their neighbors suffered severe flood damage in June 1997, Roy and Billie Nast tried to buy flood insurance from Dan Clark, the State Farm agent they'd relied on for 18 years.

Their suit alleges that Clark told them they were not eligible for Federal Emergency Management Agency flood insurance, and any alternative would cost them \$2,500 a year. Roy Nast questioned why his neighbors were getting policies for \$400.

According to the lawsuit, the agent said he had heard that a "shyster" was selling those policies and the purchasers likely wouldn't collect in the event of damages.

The Nasts' house flooded in October 1998. When the Nasts applied for disaster relief, FEMA required them to show proof that they had attempted to buy insurance. The suit says the Nasts asked Clark for a letter to that effect, but he gave them a letter back-dated to 1997 that covered up his alleged misrepresentation.

"Clark told them that they were not eligible," Justice Karen Angelini wrote in her opinion. "The Nasts trusted Clark because he had been their agent for 18 years. Because of Clark's misrepresentations, the Nasts did not make any further attempts to acquire flood insurance."

Justices Catherine Stone and Sarah B. Duncan concurred and reversed the district judge's ruling on the grounds of misrepresentation and negligence under the Deceptive Trade Practices Act.

Oklahoma Floodplain Managers Association

Vision

Floodplains are for floodwaters, habitat, water quality enhancement and recreation.

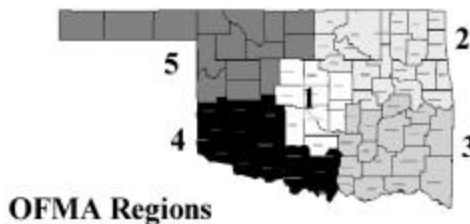
Mission

We encourage and support, with our partners, flood-safe development and flood mitigation. We promote sound floodplain management practices and the natural and cultural benefits of the floodplain. We support the floodplain management profession through education and certification.

Saving lives from floods and reducing property loss from floods are paramount to us.

An Invitation to Join OFMA

The Oklahoma Floodplain Managers Association is a non-profit organization primarily dedicated to providing information and education to the public about reduction of loss of life and property due to flooding.



The best investment that \$20.00 can buy in the future of your state is a membership in the Oklahoma Floodplain Managers Association.

OFMA Membership Application

Name: _____

Company/Organization: _____

Title: _____

Address: _____

Work Phone: _____

City/Town: _____ State: _____ Zip: _____

Fax: _____

E-Mail: _____

Detach and Mail to:

OFMA

P.O. Box 8101

Tulsa, OK 74101-8101

New Member: ☐

Renewal: ☐

Region (see map): 1 2 3 4 5

Committees:

☐ Mitigation ☐ Floodplain Regulations

☐ Flood Insurance ☐ Mapping & Engineering

☐ Flood Proofing ☐ Stormwater Management

☐ Research

Dues Schedule:

First-Year dues are probated depending on the quarter during which you join. The fiscal year start October 1st and ends September 30th.

	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
Full Membership	\$30.00	\$22.50	\$15.00	\$7.50
Student Membership	15.00	11.25	7.50	3.75
Associate Membership	20.00	15.00	10.00	5.00
Agency Membership	50.00	37.50	25.00	12.50
(Plus \$10.00 per employee designated by the Agency)				
Corporate Sponsor	100.00	75.00	50.00	25.00



CFM Corner

The CFM Corner will appear in each issue of the Insider. For suggestions on specific topics or questions to be covered, please contact the Executive Office.

CFM Survey

A BIG thank you to all of the CFMs that responded to our survey to improve the CFM Program. The CBOR has reviewed the survey results in detail and has made numerous changes in the Program's policies and approach. Without your feedback we couldn't make these improvements. Again, we appreciate your time and energy!

The Executive Office sent out surveys to the nation's CFMs and has received responses from 20% of them (187 responses!). Below is a very brief summary of the survey results. If you would like the detailed tally of responses, please contact the Executive Office. We will also be discussing the results at our Certification Breakfast on Wednesday in Phoenix.

Of the respondents 51% were local floodplain managers, 21% were private consultants, 10% were federal agency staff and 10% were state agency staff. The remaining respondents classified themselves as "regional" or "other". Based on how the respondents classified their primary professional function, 28% were engineers, 26% were permit/code enforcement and 17% were planners. The remaining respondents classified themselves as "surveyor", "landscape architect" or "other".

The topics that the CFMs felt were most important to their work were: General Context of Floodplain Management, FEMA Floodplain Mapping and Administering a Regulatory Program. They also identified topics that need improved training, including Retrofitting/Elevation/Floodproofing, Hazard Identification and Flood Warning/Response.

In regard to training, there was much useful feedback provided. As for delivery mechanisms, the CFMs felt that in-state trainings and sessions at professional conferences would work the best. National Trainings, training at EMI and Home Study Courses, although useful, were identified as effective training mechanisms by less than half of the survey respondents. In regard to CECs, the majority of CFMs believe that the CEC policy is difficult to understand. However, the majority also do not find it difficult to obtain CECs. The CBOR Training Sub-Committee has developed several short term and long term recommendations to improve training for our CFMs based on survey responses.

Certification Breakfast in Phoenix

A CFM Program breakfast is planned for Wednesday, June 26th at the Phoenix Conference. Plan to attend this session so that you can share ideas and learn more about the survey responses and the Certified Board of Regent's (CBOR) intent to improve the CFM Program.

FEMA Emergency Management Institute (EMI) Independent Study Course (IS-9) Up-date

Many who have taken IS-9 agree that it is the best preparation for taking the CFM exam. Yes, the home study course is still offered by EMI for credit as an Independent Study course although, the supply of the course materials is dwindling rapidly. IS-9 will not be replaced in its current form once the existing stock is depleted, while FEMA works to revise the course. It is envisioned that the replacement will involve dividing the home study course into several shorter modules. FEMA is planning to reprint the student manual for IS-9 and have it available through the FEMA publications warehouse until a revised independent study course becomes available. For those CFMs interested, while supplies last, you may still register for IS-9, take the exam and submit your paper work to EMI and this course can be counted for CFM Program CECs. As a reminder, the IS-9 student manual can be downloaded from the ASFPM web site.

Rachael Beer – CFM Success Story

Rachel received a cash award and had her name posted on the "Certification Bulletin Board" at the U.S. Army Corps of Engineers - New Orleans District Office. An announcement of her certification was also published in the district newsletter. Rachel is a Project Manager and Assistant Flood Plain Manager with the U.S. Army Corps of Engineers in New Orleans. She holds a B.S. in Civil Engineering from the University of New Orleans, and is currently working on her Master's degree in Engineering Management from the University of New Orleans. Congratulations Rachel on a job well done!



If you have a certification success story to share, please notify the Executive Office of the ASFPM. This article appeared in the ASFPM Insider of May 2002

Just a reminder... Are you ready for renewal? Check your CECs today!

OFMA General Store

Oklahoma Floodplain Managers Association gifts are now available. The attractive OFMA articles are of the highest quality. You will be proud to wear and display them.

To Order: OFMA
P.O. Box 8101
Tulsa, OK 74101

Or Call Carolyn Schultz (918) 669-4919



OFMA Golf Shirt (S, M, L, X-L)	35.00
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Umbrella	20.00
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Shipping and handling \$4.95 per order.



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The B.F.E.

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Change Service Requested

April 2002

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The B.F.E.*

* Base Flood Elevation

OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION NEWSLETTER

Volume 4

June 2002

Number 3

No Adverse Impact

"Taking Ownership at the Local Level"

12th Annual Conference of the Oklahoma Floodplain Managers Association



Mark your calendars now for the 12th Annual OFMA Fall Conference at beautiful Quartz Mountain Resort! The conference is for Floodplain Managers, Elected Officials, City Managers, Building Code Officers, City Staff, and Private Sector Professionals involved in floodplain management. You'll have an opportunity to learn about the latest floodplain management techniques and initia-

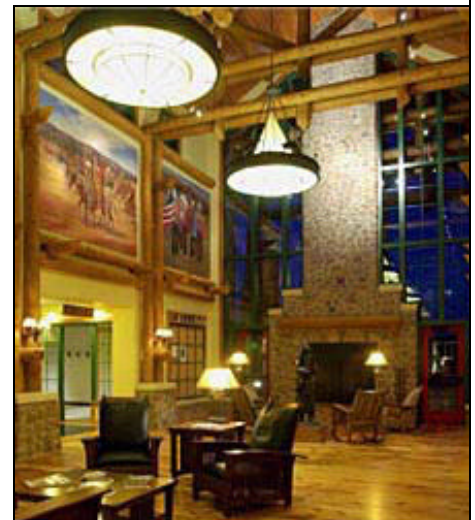
tives, get advanced training, and network with fellow professionals. You'll hear presentations from leaders in floodplain management as well as local floodplain managers facing the same issues as you. Sixteen continuing education credits will be awarded to those who complete the conference. A tentative agenda is provided on Pages 2 and 3 of the newsletter.

The conference will start with an OFMA Board meeting on Saturday and a Social on Sunday evening. The actual conference sessions will start Monday morning and end Wednesday afternoon. On Tuesday, you will have the choice of three concurrent sessions: • Hazard Mitigation • Mapping & Technical Issues • Natural & Beneficial Uses of the Floodplain

The Floodplain 101 Workshop will be held on Wednesday and Thursday at no extra charge. The Certified Floodplain Manager (CFM) Exam will be offered to pre-qualified candidates following the workshop. Conference registration forms will be mailed soon to OFMA members. For additional information about OFMA or the conference, contact Carolyn Schultz at (918) 669-4919 or email carolyn.schultz@usace.army.mil.

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Quartz Mountain Resort is located on sparkling Lake Altus in the heart of southwestern Oklahoma's rugged Wichita Mountains. The resort has numerous outdoor recreational opportunities to enjoy, including golfing, fishing, hiking, and rock climbing. They also offer water slides, paddleboats, miniature golf, sand dunes, swimming beaches, water skiing, and a Nature Center. The hiking trails wind through beautiful scenery, and guided hikes can be arranged with the lodge's activity coordinator. Check out the Quartz Mountain website: www.quartzmountainresort.com.



12th Annual Oklahoma Floodplain Managers Association Conference
NO ADVERSE IMPACT: TAKING OWNERSHIP AT THE LOCAL LEVEL
Tentative Agenda

SATURDAY, SEPTEMBER 21, 2002

3:00 -7:00 **OFMA Board Meeting/ Dinner** The Library

SUNDAY, SEPTEMBER 22, 2002

12:00 **4TH Annual Golf Tournament**
 2:00 **Wichita Interpretative Trail-** Sue Hokanson, Park Naturalist
 12:00-6:00 **Paddle Boats, Minitature Golf, fishing, nature center-on your own.**
 6:00-8:00 **Meet & Greet Social- 6 to 8 pm** Hospitality Suite

MONDAY, SEPTEMBER 23, 2002

8:00-1:00 **Registration in Lobby**
 8:30 **Vendor's Displays in Lobby** (throughout Conference)
 8:30 **Conference Headquarters** The Library Room
 10:00-12:00 **OFMA Committee Meetings**
 Certification
 Legislative
 Mapping & Engineering
 Mitigation
 Public Education/Information
 12:00-1:00 **Lunch on your own**
 1:00-2:45 **Opening Plenary Session**
 Welcome - Walter Stout, CFM, City of Pryor, Ken Morris, CFM, OWRB
 Conference Overview
 Mary Fallin, Lt. Governor
 Roger Lively, Greer County Commissioner
 Mike Moore, Mayor of Lone Wolf
 Representative Purcy Walker
 Senator Robert M. Kerr

Opening Remarks

2:45-3:15 **Break**
 3:15-4:50 **Opening Plenary Session, continued**
 Duane Smith, Oklahoma Water Resources Board
 Dean Couch, OWRB
 Randall Homburg, Attorney
 Ken Morris, CFM, OWRB, Certification Program
 Joe Remondini, PE, CFM, USACE
 5:00 **Adjourn**
 6:30 **6th Annual Vendor's Cookout at Shelter No. 1**

TUESDAY , SEPTEMBER 24, 2002

7:00-9:30 **Business/Election Breakfast**

BREAKOUT SESSION 1 - HAZARD MITIGATION

10:00-10:30 **Polecat Creek Hazard Mitigation:** Janet Meshek, PE, CFM
 10:30-11:00 **Hazard Mitigation:** Ron Flanagan, CFM, R. D. Flanagan & Associates
 11:00-11:30 **How to Enforce Your Local Ordinance:** Marsha Blair, CFM, City Manager Slaughterville
 11:30-12:00 **Hazard Mitigation and the Flood Mitigation Assistance Program** Connie Dill, ODCM, Lisa Jennings, FEMA
 12:00-1:00 **Luncheon Keynote Address:** Larry A. Larson, PE, CFM, Executive Director ASFPM, Inc.—"No Adverse Impact & Chapter Significance-How OFMA Fits in ASFPM"
 1:00-1:30 **Local Hazard Mitigation Success Stories:** T. J. Davis, CFM, Sand Springs
 1:30-2:00 **Local Hazard Mitigation Success Stories:** Jack Carden, Apache
 2:00-2:30 **Local Hazard Mitigation Success Stories:** Nancy Kennedy, CFM, Edmond
 2:30-3:00 **Break**

(Continued on page 3)

(Continued from page 2)

3:00-3:30 **Local Hazard Mitigation Success Stories:** Bob Bingham, CFM, Lawton
 3:30-4:00 **Local Hazard Mitigation Success Stories:** C. M. Linn, CFM, SWODA
 4:00-4:30 **Local Hazard Mitigation Success Stories:** Doug Rhett, Bartlesville
 4:30-5:00 **Local Hazard Mitigation Success Stories:** Ken Callahan, Sallisaw

BREAKOUT SESSION 2 - NATURAL AND BENEFICIAL USES OF THE FLOODPLAIN

10:00-10:30 **NPDES PHASE II** – John Harrington, CFM, ACOG
 10:30-11:00 **Floodplain Ecology** – Ron Suttles, ODWC
 11:00-11:30 **Stream Bank Protection** - John Mueller, NRCS, Stillwater
 11:30-12:00 **Fluvial Morphology** - Russ Dutnell, OU
 12:00-1:00 **Luncheon Speaker**
 1:00-1:30 **Multi-Objective Uses of Stormwater Facilities** – Ron Flanagan, CFM, R. D. Flanagan & Associates
 1:30-2:00 **USACE Ecosystem** – Rich Billinski, USACE
 2:00-2:30 **CRS** - Bill Baker, ISO
 2:30-3:00 **Break**
 3:00-3:30 **Floodplain Policy** - Ken Morris, CFM, OWRB
 3:30-4:00 **Water Quality** - Derek Smithee, OWRB
 4:00-5:00 **Greenways/Land Use Planning** - Mike Southard, President OKAPA

BREAKOUT SESSION 3 - FLOODPLAIN MAPPING

10:00-11:00 **CLOMR'S and LOMR'S** – Lloyd A. Hake, FEMA, Joe Martinenza, PE and Roberto Ramirez, PBS&J
 11:00-11:30 **Mapping/CPP/MNUSS** – Jim Orwat, FEMA Region VI
 11:30-11:30 **Flood Insurance/CRS** – Dorothy Martinez, NFIP
 12:00-1:00 **Luncheon Speaker**
 1:00-2:00 **Basic Floodplain Modeling** – Robert Tortorelli, CFM, USGS
 2:00-2:30 **GIS Modeling** – Jim Leach, CFM and Russ Wyckoff, CFM, USACE
 2:30-3:00 **GIS Data Repository**, Jim Leach, CFM and Russ Wyckoff, CFM, USACE
 3:00-3:30 **Break**
 3:30-4:00 **Survey Datum Issues** - Janet Meshek, PE, CFM, Meshek & Associates, Jim Harden, PLS, Harden & Associates
 4:00-4:30 **Technical Bulletin 10 – “Reasonably Safe from Flooding** – John Ivey, Halff & Associates
 4:30-5:00 **Future Conditions Modeling** – Jim Orwat, FEMA Region VI
 4:30-5:00 **Manufactured Home Installation** – Walter Stout, CFM, City of Pryor
 6:30-8:30 **OFMA Awards Banquet/Entertainment** Janet Meshek, CFM, Vice Chair & The Fancy Dancers

Wednesday, September 25, 2002

7:00 - 8:30 am **Past Chairs' Breakfast** Donnie Blanlot
 8:30 am-noon **CLOSING PLENARY SESSION**
 Walter Stout, Chair
 Ron Castleman, Director FEMA Region VI
 Albert Ashwood, Director ODCEM
 Joe Allbaugh, FEMA Director
 Carroll Fisher, Insurance Commissioner
"Passing The Gavel"
 Janet Meshek, Chair, "What's Next"
 12:00 **Adjourn Conference**
 12:00-12:30 **Board of Directors Meeting – Library Room**
 12:00-1:00 **Lunch on your own** (Floodplain 101 attendees)
 1:30-5:00 **Floodplain 101** – Ken Morris, OWRB

Thursday, September 26, 2002

8:00-noon **Floodplain 101, continued**– Ken Morris, OWRB
 1:00-3:00 **Oklahoma Floodplain Managers Association's Certified Floodplain Manager Exam*** Rhonda Kouba, OFMA/OWRB

*CFM Exam for pre-approved applicants.

** www.quartzmountainresort.com contains information about the lodge and nearby attractions.

Web Sites

OFMA www.okflood.org

ASFPM www.floods.org

OWRB www.owrb.state.ok.us

FEMA www.fema.gov

OEMA www.angelfire.com/ok2/oema

ODCEM www.onenet.net/~odcem

Corps of Engineers (USACE)

www.swt.usace.army.mil

U.S. Geological Survey (USGS)

ok.water.usgs.gov

Advanced Study Institute

web.uccs.edu/geogenvs/natoasi

CLOMR/LOMR Forms:

www.fema.gov/forms/forms.htm

EPA NPDES Phase II site:

www.epa.gov/npdes/

SMRC Stormwater Mgr Resource

Center: www.stormwatercenter.net

WebMaster: Hank Elling, P.E., CFM (580)

248-7762 hcelling@owrb.state.ok.us

REFLECTIONS ON THE 26TH ANNUAL ASFPM CONFERENCE

Lynne Stevenson, Lonnie Ward, Carolyn Schultz, Hank Elling, Joe Remondini, Russ Wycoff, Jim Leach, Dorothy Martinez, Conrad Battreal, Dr. Baxter Vieux, Jean Vieux, Vince DiCamillo, Fred Liebe and Ken Morris of OFMA were among the nation's flood protection experts at the 26th annual conference of the Association of State Floodplain Managers in Phoenix, Arizona, June 23-28, 2002, at the Hyatt Regency at Civic Plaza. The ASFPM represents 4,500 floodplain managers, including the leading experts in flood hazard management throughout the U.S. and beyond. Nearly every state in the U.S. was represented, as well as a number of internationals.

This year's theme "*Breaking the Cycle of Repetitive Flood Loss*", inspired nearly 700 government and private professionals with techniques to mitigate against the effects of flooding before floodwaters rise, the surest and most effective option for reducing the effects of future flooding. This premiere flood management training event in the country draws floodplain managers and planners at all levels of government, as well as engineers, consultants, researchers, insurance and non-profit organization experts involved in floodplain mapping, mitigation, response and recovery, and related disciplines. Important discussions this year will surround the President's proposed increase of \$300 million for mapping floodplains in the nation's 20,000 flood prone communities.

ASFPM Chair George Riedel, CFM, Missouri, noted that annual flood damages in the nation continue to increase, despite billions of dollars spent on flood control projects and numerous advances in non-structural floodplain management. ASFPM believes flood damages are increasing unnecessarily, thus we continue to advance the No Adverse Impact strategy for floodplain management. The No Adverse Impact approach (NAI), introduced in June 2000, is premised on balancing structural and non-structural flooding solutions in a manner that will not cause additional flood damage on other proper-

ties. During the conference, ASFPM release an NAI Community Status Report (available on the ASFPM website), which outlines how communities can implement No Adverse Impact approaches. Included in the Status Report are examples detailing how some communities have already incorporated the NAI approaches. These concepts support sustainable community initiatives to reduce the devastation caused by natural disasters.

A key activity at the ASFPM annual conference is to recognize national excellence in flood hazard management: there are ten award categories at state, local and individual levels. Check the ASFPM website, as below, for those recipients. The ASFPM web site at www.floods.org contains more information about the conference, awards, NAI and ASFPM.

Also contact: ASFPM, Inc., 2809 Fish Hatchery Road, Madison, WI 53713

Calendar of Educational Opportunities

- **Sep 23-25, 2002: OFMA Annual Fall Conference**, Quartz Mountain Resort, Lone Wolf, OK; Cost: \$150 Contact: OFMA, P.O. Box 8101, Tulsa, OK 74101-8101; website: www.okflood.org
- **Jun 3-8, 2003: Twenty-Seventh Annual Conference of the Association of State Floodplain Managers**, St. Louis, MO. Contact: ASFPM Executive Office, 2809 Fish Hatchery Road, Ste. 204, Madison, WI 53713-3120; (608) 274-0123; fax: (608) 274-0696; e-mail: asfpm@floods.org; website: www.floods.org

INSURANCE COMMISSIONERS TO SPEAK AT FREE CE EVENT

Insurance Commissioner Carroll Fisher has announced he and fellow commissioners from four states will be featured on a roundtable discussion during a special continuing education event for insurance agents set for August 7, at the University of Central Oklahoma in Edmond.

Fisher said the credits are free, although participants will be asked to pay for two meals during the daylong event. Insurance agents can earn up to eight continuing education credits. The event is sponsored through the Oklahoma Insurance Department.

Fisher will lead a roundtable discussion with insurance commissioners from Arkansas, Iowa, Mississippi and South Carolina during the morning. Former Oklahoma Insurance Commissioner Cathy Weatherford, now executive director of the National Association of Insurance Commissioners, will speak at the noon luncheon.

The afternoon will include courses on ethics, life and health, property and casualty, flood insurance and mold, financial requirements and adjusters.

The dinner speaker that evening will be Dr. Charles Petty who spoke at last year's Continuing Education Day. Petty's topic will be "Roaring Fires, Flickering Flames, Dying Embers or Cold Ashes?"

Cost for the luncheon is \$10, and cost for the banquet is \$27. The registration form is available at the department's web site: www.oid.state.ok.us. (Scroll to the bottom right hand corner of the first page.) For more information or if you have difficulty printing the CE Registration Form, please contact Opal Ellis at (405) 522-4969.

Deadline for registration is July 24. For more information contact: Opal Ellis, (405) 522-4969.

Oklahoma Floodplain Managers Association

Vision

Floodplains are for floodwaters, habitat, water quality enhancement and recreation.

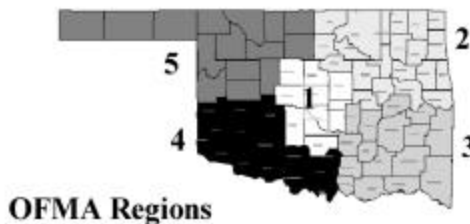
Mission

We encourage and support, with our partners, flood-safe development and flood mitigation. We promote sound floodplain management practices and the natural and cultural benefits of the floodplain. We support the floodplain management profession through education and certification.

Saving lives from floods and reducing property loss from floods are paramount to us.

An Invitation to Join OFMA

The Oklahoma Floodplain Managers Association is a non-profit organization primarily dedicated to providing information and education to the public about reduction of loss of life and property due to flooding.



The best investment that \$30.00 can buy in the future of your state is a membership in the Oklahoma Floodplain Managers Association.

OFMA Membership Application

Name: _____ Company/Organization: _____
 Title: _____ Address: _____
 Work Phone: _____ City/Town: _____ State: _____ Zip: _____
 Fax: _____ E-Mail: _____

Detach and Mail to:
OFMA
 P.O. Box 8101
 Tulsa, OK 74101-8101

New Member: ☐ Renewal: ☐
 Region (see map): 1 2 3 4 5

Committees:
☐ Mitigation ☐ Floodplain Regulations
☐ Flood Insurance ☐ Mapping & Engineering
☐ Flood Proofing ☐ Stormwater Management
☐ Research

Dues Schedule:

First-Year dues are probated depending on the quarter during which you join. The fiscal year start October 1st and ends September 30th.

	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
Full Membership	\$30.00	\$22.50	\$15.00	\$7.50
Student Membership	15.00	11.25	7.50	3.75
Associate Membership	20.00	15.00	10.00	5.00
Agency Membership	50.00	37.50	25.00	12.50
(Plus \$10.00 per employee designated by the Agency)				
Corporate Sponsor	100.00	75.00	50.00	25.00



CFM Corner

Congratulations OFMA CFMs!

After the January 2002, Managing Floodplain Development Through the NFIP, the OFMA Spring Conference and the OWRB Floodplain one day workshops, OFMA now has 112 CFMs. Seventy-eight of these 112 have the honor of the ASFPM accreditation. Efforts will be made at the annual conference to provide pre-ASFPM accredited CFMs to take a supplemental exam at no cost to become ASFPM accredited.

Heads Up... CFM Certification Mark Is Coming!

The ASFPM, Inc, Certified Board of Regents, has been pursuing a "CFM" Certification Mark (similar to a "trademark") for over a year. Finally, we have heard back that by the fall we should have a Certification Mark on "CFM". This means that once formalized, you can use the copyright symbol after your "CFM" ("R" in a circle). Please wait until you are notified before using the copyright symbol. However, at present, you can use the TM symbol.

CEC Verification

Please submit the CEC Verification Form with every request on how many CECs can be obtained by taking various training. It has become quite difficult to determine in order to expedite the processing the number of your CECs for each course/workshop for the 112 CFMs, p. Please fill-out the CEC Verification form every time you submit a course or workshop for CECs. This will make the process go much smoother and quicker. This form can be found on the OFMA web site.

If you are a CFM and you attended the ASFPM annual Conference in Phoenix, you will automatically get the maximum number of CECs for attending (12 CECs for the full conference and 6 CECs for one day).

ASFPM Annual Conference Thanks!

Many thanks to the OFMA CFMs that attended the conference! Between the Membership Meeting, Keynote Luncheon, Awards Luncheon and CFM Issues Breakfast, certification was a much-talked about topic! We appreciate your commitment and interest in improving the CFM program!

Renewal Date October 1, 2002

It is time to count your CECs and complete the renewal form for the next CFM year. You should have received the 120-day renewal letter and form recently. Don't forget to do this, either now or with your annual conference registration.

Tammy Finley – CFM Success Story

Tammy is one of the floodplain managers in McClain County and works with Eathel Mooring at the county level to keep the floodplains safe. Tammy works for the Board of County Commissioners in the administration of their floodplain management ordinance NFIP. The Commission recently recognized Tammy at a Commission meeting and presented her with a very handsome CFM certificate and pen. A local reporter covered the story and her photo and story appeared in the Purcell Register. Tammy completed the 5-day floodplain management class in Norman this past January and qualified to take the CFM exam at the OFMA Spring Conference. Tammy scored high on the exam and now will receive more credibility as a result of achieving the CFM designation.

OFMA General Store

Oklahoma Floodplain Managers Association gifts are now available. The attractive OFMA articles are of the highest quality. You will be proud to wear and display them.

To Order: OFMA
P.O. Box 8101
Tulsa, OK 74101

Or Call Carolyn Schultz (918) 669-4919



OFMA Golf Shirt (S, M, L, X-L)	35.00
Briefcase	25.00
Baseball Cap (One size fits all)	15.00
Insulated Mug	10.00
Umbrella	20.00
Portfolio	25.00
Lapel Pin	3.00
CFM Lapel Pin	5.00

Shipping and handling \$4.95 per order.



OFMA'S CORPORATE PARTNERS



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918 241-9245 fax
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Bill Myers
President
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405 755-5325

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Carroll Fisher, Commissioner
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405 521-6655

Oklahoma Municipal League

201 N.E. 23rd Street
Oklahoma City, OK 73105-3199

Oklahoma Society Land Surveyors

David Anderson
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Oklahoma City, OK 73172
405 840-9116

PBS&J

12101 Indian Creek Court
Beltsville, MD 20705
301 210-6800

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June 2002

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Oklahoma Floodplain Managers Association 2001-2002

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Region 1 Representative: Mr. John Harrington, CFM ACOG 21 E. Main St., Ste. 100 Oklahoma City, OK 73104 Phone: (405) 234-2206 Fax: (405) 234-2200 E-mail: jharrington@acogok.org	Region 2 Representative: Ms. Nancy Wade, CFM Assistant Planner City of Bartlesville 401 S. Johnstone Bartlesville, OK 74003 Phone: (918) 338-4243 Fax: (918) 338-4239 E-mail: newade@cityofbartlesville.org	Region 3 Representative: Mr. David Sprouse, CFM City of Madill 201 East Overton Madill, OK 73446 Phone: (580) 795-5333 Fax: (580) 795-3050 E-mail: n/a	Region 4 Representative: Mr. Tom Graham, CFM City of Davis 301 East Main Davis, OK 73030 Phone: (580) 369-2323 Fax: (580) 369-2425 E-mail: thomasgraham46@hotmail.com
Region 5 Representative: Mr. Jason Shiever Oklahoma Water Resources Board 2411 Williams Avenue, Ste 116 Woodward, OK 73801 Phone: (580) 256-1014 Fax: (580) 256-1015 E-mail: owrbwood@onenet.net	Executive Director: Mr. Kenneth Morris, CFM Oklahoma Water Resources Board 3800 North Classen Blvd Oklahoma City, OK 73118 Phone: (405) 530-8800 Fax: (405) 530-8900 E-mail: wkmorris@owrb.state.ok.us	Past Chair: Ms. Anna Waggoner, CFM City of Woodward 1219 8 th Street Woodward, OK 73801 Phone: (580) 254-8515 Fax: (580) 254-8514 E-mail: annawwfire@pldi.net	Honorary Board Member: Mr. Joe Remondini, CFM Corps of Engineers 1645 S. 101 st E. Avenue Tulsa, OK 74128 Phone: (918) 669-7198 Fax: (918) 669-7546 E-mail: joseph.remondini@usace.army.mil

The B.F.E. is published monthly by the Oklahoma Floodplain Managers Association. Information and opinions contained herein do not necessarily reflect the views of the Board of Directors. Items for publication and other editorial matters should be directed to Editor, "The B.F.E.", P.O. Box 8101, Tulsa, OK 74101-8101.



The B.F.E.*

* Base Flood Elevation

OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION NEWSLETTER

Volume 4

September 2002

Number 4



FEMA Requests Comments on a Proposed FY 2003 Competitive Pre-Disaster Mitigation Program

The President's Fiscal Year (FY) 2003 budget proposal includes \$300 million under the National Pre-Disaster Mitigation Fund to initiate a competitive grant program for pre-disaster mitigation. Consistent with funding available under the FY 2002 Pre-Disaster Mitigation grant program, authorized by §203 of the Robert T. Stafford Disaster Assistance and Emergency Relief Act, eligible activities under a competitive grant program would include: risk assessments; State and local mitigation planning; the reinforcement of structures against seismic, wind, and other hazards; elevation, acquisition, or relocation of flood-prone structures; and minor flood control or drainage management projects. While Congress has not acted on the President's proposal, the Federal Emergency Management Agency (FEMA) is preparing to implement the program competitively if enacted by Congress. As part of a preliminary exploration of the issues, FEMA is seeking ideas on the process for implementing the grant program on a competitive basis.

FEMA requested written responses to questions regarding the design of a competitive grant program in a notice published in the Federal Register on August 6, 2002. FEMA is specifically looking for ideas and recommendations on ways that FEMA can structure a competitive grant process that encourages state and local governments to collaborate on natural hazards reduction built upon strong mitigation planning. In addition, FEMA is seeking suggestions regarding eligibility criteria and factors that should be considered when determining how much grant recipients should receive.

Written comments on the questions in the Federal Register Notice must be received by September 30, 2002, and may be mailed to Rules Docket Clerk, Office of the General Counsel, Federal Emergency Management Agency, 500 C Street S.W., Washington, D.C., 20472; faxed to 202-646-4536; or e-mailed to rules@fema.gov.

Reprinted from <http://www.fema.gov/fima/planning7.shtml>

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REQUIRED HAZARD MITIGATION PLANS

Communities that may want hazard mitigation funds from FEMA must have a Multi-Hazard Plan by November 30, 2003.

The 2000 Stafford Act mandates that communities must have a Hazard Mitigation Plan, approved by the State and FEMA, adopted before they can apply for future HMGP grants. HMGP grant funds, 75% federal, 25% local match, can be used to lessen the impacts of natural hazards, such as acquisition of Repetitive Loss Properties, etc.

Limited funding to aid in development of the plans may be available. For more information, contact: Connie Dill, State Hazard Mitigation Officer, (405) 949-8645.

Conference Dates:
Sept. 21—26, 2002

Conference Location:
Quartz Mountain Resort
Located 17 miles north of
Altus in the Wichita Moun-
tains of southwestern
Oklahoma. *Call ahead to
reserve your room.*
(580) 563-2424
(877) 999-5567, ext. 1
(toll free)

The conference will start with an OFMA Board meeting on Saturday and a Social on Sunday evening. The actual conference sessions will start Monday morning and end Wednesday afternoon. For those needing basic floodplain management training, the Floodplain 101 Workshop will be held on Wednesday and Thursday at no extra charge. The Certified Floodplain Manager (CFM) Exam will be offered to qualified candidates following the workshop.

Consider joining an OFMA committee:

- Flood Mapping
- Mitigation
- Public Education

Committee meetings will be held Monday morning.

Conference registration forms have been mailed to OFMA members. If you need additional information about OFMA or the conference contact Carolyn Schultz at (918) 669-4919 carolyn.schultz@usace.army.mil



Visit the OFMA website!
www.okflood.org

No Adverse Impact:

“Taking Ownership at the Local Level”

12th Annual Fall Conference
of the
Oklahoma Floodplain Managers Association

Mark your calendars now for the 12th Annual OFMA Fall Conference at beautiful Quartz Mountain Resort! The conference is for Floodplain Managers, Elected Officials, City Managers, Building Code Officers, City Staff, and Private Sector Professionals involved in flood-

plain management. You'll have an opportunity to learn about the latest floodplain management techniques and initiatives, get advanced training, and network with fellow professionals. You'll hear presentations from leaders in floodplain management as well as local

floodplain managers facing the same issues as you. Continuing education credits will be awarded to those who complete the conference. A tentative schedule of activities is shown below:

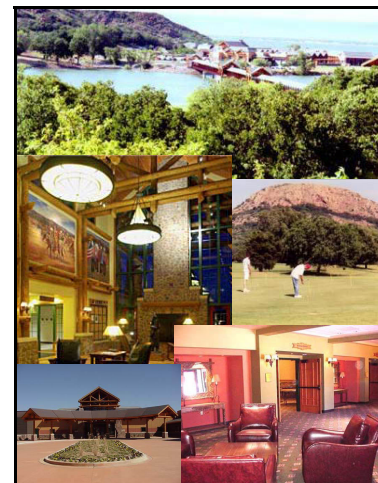
Choose from 3 concurrent sessions:

- hazard mitigation
- natural & beneficial uses
- mapping & technical issues

Tentative Schedule of Activities

Saturday, Sept. 21	OFMA Board meeting
Sunday, Sept. 22	free time/lodge activities/social
Monday, Sept. 23	committee meetings/conference begins/vendor cookout
Tuesday, Sept. 24	conference/business meeting/awards banquet
Wednesday, Sept. 25	conference ends/Floodplain 101 begins
Thursday, Sept. 26	Floodplain 101/CFM Exam

Beautiful Quartz Mountain Resort is located on sparkling Lake Altus in the heart of southwestern Oklahoma's rugged Wichita Mountains. The resort has numerous outdoor recreational opportunities to enjoy, including golfing, fishing, hiking, and rock climbing. They also offer water slides, paddleboats, miniature golf, sand dunes, swimming beaches, water skiing, and a Nature Center. The hiking trails wind through beautiful scenery, and guided hikes can be arranged with the lodge's activity coordinator. Check out the Quartz Mountain website: www.quartzmountainresort.com



Please complete this form and return to Ken Morris
or mail to OFMA, P.O. Box 8101, Tulsa, OK 74101-8101

Board of Directors Nominations for 2002-2003

Each year, the general membership elects officers to serve on the Board for the next year. The positions listed below are up for election. If you would like to nominate yourself or someone else, please fill in the information below. For more information about the election procedures or the duties of the Board, please refer to the OFMA website (www.okflood.org).

Vice Chair: _____

Secretary: _____

Treasurer: _____

Regional Representatives are selected by the members in their region. Please refer to the map to determine which region you are in, and if you would like to nominate yourself or someone else (for your region only), please fill in the information below.

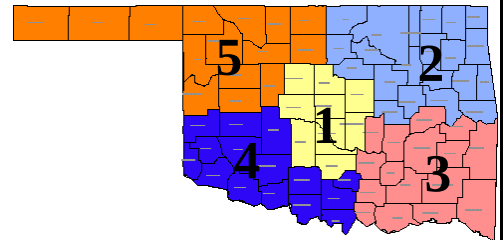
Region 1: _____

Region 2: _____

Region 3: _____

Region 4: _____

Region 5: _____



2001-2002 OFMA Board of Directors

Chair: Walter Stout, CFM; Vice Chair: Janet Meshek, CFM; Secretary: Lynne Stevenson, CFM; Treasurer: Carolyn Schultz, CFM; Executive Director: Kenneth Morris, CFM; Past Chair: Anna Waggoner, CFM; Region 1 Representative: John Harrington, CFM; Region 2 Representative: Nancy Wade, CFM; Region 3 Representative: David Sprouse, CFM; Region 4 Representative: Tom Graham, CFM; Region 5 Representative: Jason Shiever; OFMA Webmaster: Hank Elling, CFM; Honorary Member: Joe Remondini, CFM

Name _____ Company/Organization _____

Address _____ City _____ State _____ Zip _____

Work phone _____ Email address _____

? I am not an OFMA member but would like to receive information about OFMA and a registration form for the Fall Conference.

? I plan to attend the OFMA Fall Conference.

? I am interested in taking the Floodplain 101 post-conference training workshop.

? I would like to take the Certified Floodplain Manager Exam.



Oklahoma Floodplain Managers Association Unofficial 5th Annual Golf Tournament

Tee Times Start At

1:00 p.m., Sunday September 22, 2002

Join our 5th annual unofficial golf tournament. Come and play the Quartz Mountain Golf Course at Lone Wolf, OK. This is a friendly, fun tournament open to all golfers. Whether you play well, or have never played in a tournament, this event is for you.

\$30.00 fee per player includes green fees, cart, and tax. Please make your reservations for the golf tournament with Gavin Brady at (918) 581-2924 no later than September 13th at which time I will send additional information for those interested in participating.

For any questions, please contact Gavin Brady at (918) 581-2924 or by e-mail at: jgbrady@owrb.state.ok.us

12th Annual Oklahoma Floodplain Managers Association Conference
NO ADVERSE IMPACT: TAKING OWNERSHIP AT THE LOCAL LEVEL

Agenda

SATURDAY, SEPTEMBER 21, 2002

3:00 pm-7:00 pm **OFMA Board Meeting/ Dinner** The Library

SUNDAY, SEPTEMBER 22, 2002

12:00 noon **5TH Annual Golf Tournament** "Gavin Brady (918) 581-2924"
 2:00 pm **Wichita Interpretative Trail-** *Sue Hokanson, Park Naturalist*
 12:00- 6:00 pm **Paddle Boats, Miniature Golf, fishing, nature center-on your own.**
 6:00 - 8:00 pm **Meet & Greet Social- 6 to 8 pm** Hospitality Suite

MONDAY, SEPTEMBER 23, 2002

8:00 am-1:00 pm **Registration in Lobby**
 8:30 am **Vendor's Displays in Lobby** (throughout Conference)
 8:30 am **Conference Headquarters** The Library Room
 10:00 am-12:00 pm **OFMA Committee Meetings (2 CECs)**
 Certification, Legislative, Mapping & Engineering, Mitigation, Public Education/Information
 12:00 pm-1:00 pm **Lunch on your own**
PLENARY SESSION
 1:00 pm -2:45 pm **Opening Plenary Session (4 CECs)**
 Welcome and Conference Overview - Walter Stout, CFM, City of Pryor, Ken Morris, CFM, OWRB
 Roger Lively, Greer County Commissioner
 Representative Purcy Walker
 Senator Robert M. Kerr
 Committee Reports - Rex Hennen, Bob Patton, Andy Kincaid, Walt Allen
 2:45 pm - 3:15 pm **BREAK**
 3:15 pm - 4:50 pm **Opening Plenary Session (continued)**
 Duane Smith, Oklahoma Water Resources Board
 Dean Couch, OWRB
 Randal D. Homberg, Attorney
 Ken Morris, CFM, OWRB, Certification Program
 Joe Remondini, PE, CFM, USACE
 Exhibitor's Announcement
 5:00 pm **Adjourn**
 6:30 **6th Annual Vendor's Cookout at Shelter No. 1**

TUESDAY, SEPTEMBER 24, 2002

7:00 am - 9:30 am **Business/Election Breakfast (1.5 CECs)**
 10:00 am - 5:00 am **BREAKOUT SESSIONS**
 SESSION 1 - HAZARD MITIGATION (6.5 CECs)
 10:00am - 10:50 am **Hazard Mitigation:** *Ron Flanagan, CFM, R.D. Flanagan & Associates, Janet Meshek, PE, CFM and Meredith Reeder, Meshek & Associates*
 10:55-11:20 **How to Enforce Your Local Ordinance:** *Marsha Blair, CFM, City Manager, Slaughterville*
 11:25-11:50 **Hazard Mitigation -** *Connie Dill, OCDEM*
 12:00-1:00 **Luncheon Keynote Address:** *Larry A. Larson, PE, CFM, Executive Director ASFPM, Inc. -"No Adverse Impact & Chapter Significance-How OFMA Fits in ASFPM"*
 1:40-2:05 **RSDE –** *Lonnie Ward, FEMA*
 2:10-2:35 **Local Hazard Mitigation Challenges/Successes:** *Doug Rhett, Bartlesville*
 2:40-3:05 **Local Hazard Mitigation Challenges/Successes:** *T. J. Davis, CFM, Sand Springs*
 3:05-3:30 **Break**
 3:30-3:55 **Local Hazard Mitigation Challenges/Successes:** *Jack Carden, Apache*
 4:00-4:25 **Local Hazard Mitigation Challenges/Successes:** *Bob Bigham, CFM, Lawton*
 4:30-4:55 **Local Hazard Mitigation Challenges/Successes:** *C. M. Linn, CFM, SWODA*
 SESSION 2 - NATURAL AND BENEFICIAL USES OF THE FLOODPLAIN (6.5 CECs)
 10:00-10:25 **Water Quality -** *Derek Smithee, OWRB*
 10:30-10:55 **Floodplain Ecology –** *Ron Suttles, ODWC*

(Continued on page 5)

(Continued from page 4)

11:00-11:25	Wetland Restoration – Chris Stoner, PE, NRCS, Stillwater
11:30-11:55	Fluvial Morphology - Russ Dutnell, OU
12:00-1:00	Luncheon Speaker
1:10-1:35	CRS - Ron Flanagan, CFM, R. D. Flanagan & Associates
1:40-2:05	Floodplain Policy - Ken Morris, CFM, OWRB
2:10-2:35	WET Program for Schools - Andy Kincaid
2:40-3:00	Break
3:00-3:25	NPDES PHASE II – John Harrington, CFM, ACOG
3:25-4:30	Greenway Development – Mike Southard, President, OKAPA
4:30-5:00	Corps of Engineers - Ecosystem Restoration and Flood Mitigation Programs – Rich Billinski, USACE
SESSION 3 - FLOODPLAIN MAPPING (6.5 CECs)	
10:00-10:50	CLOMR'S and LOMR'S – Lloyd A. Hake, FEMA, Joe Martinenza, PE and Roberto Ramirez, PBS&J
11:00-11:25	Mapping/CPP/MNUSS – Jim Orwat, FEMA Region VI
11:30-11:55	Flood Insurance/CRS – Dorothy Martinez, NFIP
12:00-1:00	Luncheon Speaker
1:10-1:35	Basic Floodplain Modeling – Robert Tortorelli, CFM, USGS
1:40-2:05	Future Conditions Modeling – Jim Orwat, FEMA Region VI
2:10-2:35	GIS - Jim Leach, USACE
2:40-3:05	GIS Data Repository – Jim Leach, USACE
3:05-3:25	Break
3:30-3:55	Survey Datum Issues - Janet Meshek, PE, CFM, Meshek & Associates, Jim Harden, PLS, Harden & Associates
4:00-4:25	Technical Bulletin 10 – “Reasonably Safe from Flooding” – John Ivey, Halff & Associates
4:30-5:00	Manufactured Home Installation – Walter Stout, CFM, City of Pryor
EVENING PROGRAM	
6:30-8:30	OFMA Awards Banquet/Entertainment - Janet Meshek, PE, CFM, Vice Chair & The Native American Dancers

Wednesday, September 25, 2002

7:00 - 8:30 am	Past Chairs' Breakfast Donnie Blanlot
8:30 am-noon	CLOSING PLENARY SESSION (4 CECs)
	Walter Stout, Chair
	Frank Pagano, Director Federal Insurance & Mitigation, Region VI
	Albert Ashwood, Director ODEM
	Carroll Fisher, Insurance Commissioner
	"Passing The Gavel & What's Next" Janet Meshek, Chair
	"Introduction of the New OFMA Board of Directors"
12:00 pm	Adjourn Conference
12:00 -12:30 pm	Board of Directors Meeting – Library Room
12:00 – 1:00 pm	Lunch on your own (Floodplain 101 attendees)

OKLAHOMA WATER RESOURCES BOARD FLOODPLAIN ADMINISTRATORS' 101 WORKSHOP AGENDA (6 CECs)

1:30 pm	Corps of Engineers Programs - USACE
2:30 pm	Your Flood Ordinance - FEMA
3:30 pm	Hazard Mitigation - ODCM
4:30 pm	Adjourn

THURSDAY, SEPTEMBER 26, 2002

8:00 am	The Permit Application Process - OWRB
9:00 am	How To Determine the BFE - OWRB
10:00 am	Comments From NFIP State Coordinator & Exercises - OWRB
11:00 am	Adjourn
11:00 am	Lunch on Your Own
1:00 pm	Certified Floodplain Manager's Exam Proctored - OWRB (Only for Pre-approved candidates)

Note: www.quartzmountainresort.com contains information about the lodge and nearby attractions.

Web Sites

OFMA www.okflood.org

ASFPM www.floods.org

OWRB www.owrb.state.ok.us

FEMA www.fema.gov

OEMA www.angelfire.com/ok2/oema

ODCEM www.odcem.state.ok.us

Corps of Engineers (USACE)
www.swt.usace.army.mil

U.S. Geological Survey (USGS)
ok.water.usgs.gov

Advanced Study Institute
web.uccs.edu/geogenvs/natoasi

CLOMR/LOMR Forms:
www.fema.gov/forms/forms.htm

EPA NPDES Phase II site:
www.epa.gov/npdes/

SMRC Stormwater Mgr Resource Center: www.stormwatercenter.net

WebMaster: Hank Elling, P.E., CFM (580) 248-7762 hcelling@owrb.state.ok.us

EDUCATIONAL OPPORTUNITIES

- **Sept. 18-19, 2002, OEMA Annual Conference**, Tulsa Hilton Southern Hills. Contact: Dale Magnin (405) 521-2481.
 - **Sept. 17-20, 2002, OML Annual Conference**. Contact Jimi Layman, 405-528-7515 or website www.oml.org.
 - **Sept. 19, 2002, OKAPA Annual Conference**, Doubletree Hotel, Downtown Tulsa. For more information call Mike Southard, 405-273-1250 or website www.okplanning.org. Held in conjunction with the OML conference.
 - **Sep 23-25, 2002: OFMA Annual Fall Conference**, Quartz Mountain Resort, Lone Wolf, OK; Cost: \$150. Contact: *OFMA, P.O. Box 8101, Tulsa, OK 74101-8101*; website: www.okflood.org
 - **Sept 25-26, 2002, OWRB Floodplain 101 Workshop**, Quartz Mountain Resort, Lone Wolf, OK; No Cost. For more information, call Rhonda Kouba at 405-530-8800.
 - **October 6-9, 2002, AFMA Spring Conference**, Fort Smith, Arkansas. Contact: Jason Donham, 501-682-3907.
 - **October 9, 2002, OWRB Governor's Water Conference**, Tulsa, OK. For more information call Mary Nell Brueggen, 405-530-8800.
 - **January 6-10, 2003, Managing Floodplain Development Through the NFIP**, OWRB. Location: Norman, OK. For more information call Rhonda Kouba, 405-530-8800.
 - **March 5-8, 2003, OSLS Spring Conference**. Contact David Anderson, 405-721-7277.
 - **OWRB May workshops**, May 6, 2003, Norman; May 8, Tulsa; May 20, Woodward; May 22, Lawton; May 27, McAlester. For more information call Rhonda Kouba, 405-530-8800.
 - **May 11-16, 2003, Twenty-Seventh Annual Conference of the Association of State Floodplain Managers**; St. Louis, MO. Contact: ASFPM Executive Office, 2809 Fish Hatchery Road, Ste. 204, Madison, WI 53713-3120; 608-274-0123; fax: 608-274-0696; e-mail: asfpm@floods.org; website: www.floods.org.
 - **May 7, 2003, Agents/Lenders Workshop**, Muskogee.*
 - **May 8, 2003, Agents/Lenders Workshop**, Bartlesville.*
 - **May 27-30, 2003, NFIP Annual Conference**, San Francisco, CA.*
- * For additional information contact Diana Herrera at 281-829-6880.

FLOOD MITIGATION PLANS AREN'T EXPECTED SOON

By SUSAN HYLTON World Staff Writer
8/16/2002

Flood mitigation recommendations are still at least a year away as the U.S. Army Corps of Engineers continues a comprehensive study of the Tulsa County watershed. Tulsa County and municipal officials gathered at the Corps' headquarters Wednesday to hear the latest on flood mitigation plans. By June 2004, the Corps will outline its recommendations resulting from the study as part of the "4 to Fix the County" flood mitigation effort.

Recommendations for the northern half of the county including the Bird Creek area will come sooner, however -- in about a year. A hydrology study is still under way and digital photographs remain to be completed of the southern and western portions of the county.

Jim Leach of the Corps recommended the purchase of a geographical informational system or GIS, a relatively new technology described as superior to other mapping systems. Much of the flood focus for now remains on technological abilities. The GIS program can process various information in the floodplain including buildings, land use, transportation routes and population.

"The GIS will be what the PC was to city offices," Leach said. The automated system will allow engineers to evaluate better the effect a detention system would have on a floodplain. The technology is touted to

(Continued on page 7)

☐ ***Please check here if you plan to attend***

Return to: OWRB
3800 N. Classen
Okla. City, OK 73118

**OKLAHOMA WATER RESOURCES BOARD
Floodplain Administrators' 101 Workshop
Agenda**

(OFMA Post Conference Agenda 2002)

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September 25, 2002

1:30 pm	Corps of Engineers Programs	USACE
2:30 pm	Your Flood Ordinance	FEMA
3:30 pm	Hazard Mitigation	ODCEM
4:30 pm	Adjourn for the day	

September 26, 2002

8:00 am	The Permit Application Process	OWRB
9:00 am	How To Determine the BFE	OWRB
10:00 am	Comments From NFIP State Coordinator & Exercises	OWRB
11:00 am	Adjourn	
11:00 am	Lunch on Your Own	
1:00 pm	Certified Floodplain Manager's Exam Proctored*	OWRB

=====

*Only for Pre-approved candidates.

This training is offered to local floodplain managers at no cost. The funds for this training are provided in part through the CAP-SSSE agreement OWRB has with the Federal Emergency Management Agency. Also, this training is made possible with assistance from FEMA, ODCEM, USACE, OFMA and the OWRB. These agencies and individuals that comprise the Oklahoma Training Team are greatly appreciated.

(Continued from page 6)

work hand-in-hand with emergency management operations including police and fire, as well as homeland security. Leach urged communities in the county as well as the Indian Nations Council of Governments to share information and develop a common computer-sharing system.

A second study conducted by the Corps on the Arkansas River basin to show the effects development would have upstream and downstream will also tie in with the city's and county's vision plans, Tulsa County Commissioner Bob Dick said. He credited Commissioner Wilbert Collins with pushing funds in the 4 to Fix the County plan to study Bird Creek. Kevin Anderson, a commercial real estate consultant, said taking areas around Bird Creek out of the floodplain would promote tremendous opportunities for economic development. Corps engineer Joe Remondini said residents have identified problem areas that have been pinpointed and will be included on the new mapping system.

More than \$6 million was set aside for flood mitigation in the 4 to Fix the County initiative. The Corps was paid roughly \$2.3 million to conduct the study. About \$1 million is being spent on aerial digital photographs. Remaining monies will cover small projects, Dick said. Plans could call for detention ponds, land acquisitions, flood-proofing, ecosystem restoration and flood reduction. "This is not a quick fix deal," Dick said.

Oklahoma Floodplain Managers Association

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Floodplains are for floodwaters, habitat, water quality enhancement and recreation.

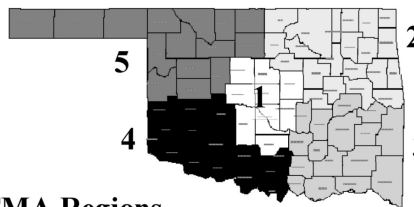
Mission

We encourage and support, with our partners, flood-safe development and flood mitigation. We promote sound floodplain management practices and the natural and cultural benefits of the floodplain. We support the floodplain management profession through education and certification.

Saving lives from floods and reducing property loss from floods are paramount to us.

An Invitation to Join OFMA

The Oklahoma Floodplain Managers Association is a non-profit organization primarily dedicated to providing information and education to the public about reduction of loss of life and property due to flooding.



OFMA Regions

The best investment that \$30.00 can buy in the future of your state is a membership in the Oklahoma Floodplain Managers Association.

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 P.O. Box 8101
 Tulsa, OK 74101-8101



New Member: ☐ Renewal: ☐
 Region (see map): 1 2 3 4 5

Committees:
☐ Mitigation ☐ Public Info/Education
☐ Certification ☐ Mapping & Engineering
☐ Legislative

Dues Schedule:

First-Year dues are probated depending on the quarter during which you join. The fiscal year start October 1st and ends September 30th.

	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
Full Membership	\$ 30.00	\$ 22.50	\$ 15.00	\$ 7.50
Student Membership	15.00	11.25	7.50	3.75
Associate Membership	20.00	15.00	10.00	5.00
Agency Membership	50.00	37.50	25.00	12.50
(Plus \$10.00 per employee designated by the Agency)				
Corporate Sponsor	100.00	75.00	50.00	25.00

Phase II Stormwater – The Next NPDES Program

by John Harrington, CFM, ACOG

Maybe your boss has already talked to about it. Maybe you have already heard about it – and hoped it would go away. But like it or not, floodplain managers in the smaller towns and cities will probably have another hat to wear this time next year – simply because the floodplain manager will be commonly perceived as having the best set of skills to tackle the new job. And what a job it will be!!

A new set of federal regulations will start their influence come next March. Known as the Phase II stormwater program, these rules are designed to protect the quality of the waterbodies in our cities and towns. A similar, but tougher, set of regulations were put into place in larger cities by the Environmental Protection Agency over ten years ago; now the smaller towns and cities must follow suit and show that water quality is maintained inside their jurisdiction as well.

The floodplain manager will be the person most likely tapped for this job. Familiarity with the regulatory universe and a knowledge of the geographical location of creeks and floodways will make him or her the appropriate employee to take up this new set of responsibilities. Although the floodplain manager is more likely to know plenty about storm water *quantity*, the Phase II regulations will now acquaint him with the other side of the coin: storm water *quality*.

Why Phase II?

Since the passage of the Clean Water Act (CWA), the quality of our Nation's waters has improved dramatically. Despite this progress, however, degraded waterbodies still exist. According to the 1996 National Water Quality Inventory (Inventory), a biennial summary of State surveys of water quality, approximately 40 percent of surveyed U.S. waterbodies are still impaired by pollution and do not meet water quality standards.

A leading source of this impairment is polluted runoff. In fact, according to the Inventory, 13 percent of impaired rivers, 21 percent of impaired lake acres and 45 percent of impaired estuaries are affected by urban/suburban storm water runoff and 6 percent of impaired rivers, 11 percent of impaired lake acres and 11 percent of impaired estuaries are affected by construction site discharges.

Phase I of the U.S. Environmental Protection Agency's (EPA) storm water program was promulgated in 1990 under the CWA. Phase I relies on National Pollutant Discharge Elimination System (NPDES) permit coverage to address storm water runoff from: (1) "medium" and "large" Municipal Separate Storm Sewer Systems (MS4s) generally serving populations of 100,000 or greater, (2) construction activity disturbing 5 acres of land or greater, and (3) ten categories of industrial activity.

The Storm Water Phase II Final Rule is the next step in EPA's effort to preserve, protect, and improve the Nation's water resources from polluted storm water runoff. The Phase II program expands the Phase I program by requiring additional operators of MS4s in urbanized areas and operators of small construction sites, through the use of NPDES permits, to implement programs and practices to control polluted storm water runoff.

Phase II is intended to further reduce adverse impacts to water quality and aquatic habitat by instituting the use of controls on the unregulated sources of storm water discharges that have the greatest likelihood of causing continued environmental degradation. Concentrated development in urbanized areas substantially increases impervious surfaces, such as city streets, driveways, parking lots, and sidewalks, on which pollutants from concentrated human activities settle and remain until a storm event washes them into nearby storm drains.

Common pollutants include pesticides, fertilizers, oils, salt, litter and other debris, and sediment. Another concern is the possible illicit connections of sanitary sewers, which can result in fecal coliform bacteria entering the storm sewer system. Storm water runoff picks up and transports these and other harmful pollutants then discharges them – untreated – to waterways via storm sewer systems.

When left uncontrolled, these discharges can result in fish kills, the destruction of spawning and wildlife habitats, a loss in aesthetic value, and contamination of drinking water supplies and recreational waterways that can threaten public health.

Education, Education, Education.....

The Phase II stormwater regulations also have a strong educational component to them. Despite 30 years of Earth Days and environmental education, the public is still unaware of the impacts that daily urban living have on the environment. To help launch the Rivers 2001 program, the National Geographic Society commissioned a poll that tested America's "River IQ." Conducted by Penn, Schoen and Berland, the poll revealed that 98 percent of respondents felt protecting and conserving rivers was an important environmental priority. Yet, most Americans lacked basic knowledge about rivers, and failed to appreciate how their own behaviors negatively affect rivers.

A key finding of the study was the respondents' lack of awareness that we are all part of a larger system, interconnected to rivers through watersheds, and that individual and collective actions have a profound effect on the health of rivers. Some specific findings:

Only one in seven (15 percent) polled knew that the greatest source of river pollution is people's actions in the watershed. Nearly three times as many (44 percent) incorrectly identified industrial sources as the biggest culprit in polluting waterways. Only one-third (35 percent) correctly identified land use and urban sprawl as the most serious threat to watersheds. A positive finding was that nearly one in five respondents (19 percent) was very interested in becoming an active river advocate and two-thirds (65 percent) said they were interested in becoming more personally involved in conserving and protecting rivers. Barriers to becoming involved included a perceived lack of respondents' time (53 percent), lack of information about how they can help (35 percent), and lack of awareness about the scope of the problem or the impact they could have (34 percent).

The poll found respondents are most motivated to get involved when it becomes a family-oriented project. Two-thirds of respondents—and almost three-quarters of adults with kids at home—said a reason to get involved with river conservation is that such programs provide excellent educational opportunities for children and are a good way to instill important values.

Other findings included:

Although all Americans live in a watershed—an area through which all surface and underground water flows to a river or other body of water—only slightly more than half the respondents (56 percent) could correctly define the term and nearly two-thirds (65 percent) believed that a watershed and a wetland are the same thing.

Only 36 percent of respondents knew that non-point source pollution—contamination from many sources that is carried by runoff—is the largest source of water quality problems for rivers and the major reason that 40 percent of our rivers may not meet water quality standards for fishing or swimming. In fact, more than 80 percent of those polled grossly underestimated the extent of environmental damage that U.S. rivers have endured; the perception: just 16 percent of waterways are degraded.

Nearly 9 out of 10 respondents (86 percent) were unfamiliar with the term “non-point source pollution,” and few, if any, understood that people contribute directly to it. For example, 59 percent did not know that runoff from farms causes more river pollution than industrial sources, and 42 percent incorrectly thought water that goes down storm drains is treated at water treatment plants.

When asked how large an oil slick is created by dumping a quart of oil down a storm drain, three-quarters severely underestimated the extent of the spill, with almost half saying 100 feet or less when the actual figure is two acres (87,120 square feet).

Two-thirds were unaware that water is a non-renewable resource, and most underestimated the amount of water it takes to perform simple household tasks. For instance, it takes 15 gallons to run a dishwasher (average estimate was 9) and 30 gallons to use a washing machine (average estimate was 15).

“What we need to get across is that everyone's small actions have greater impacts downstream,” noted Rebecca R. Wodder, president of American Rivers, a leading national river conservation group and a member of the River Council. “We're connected by rivers to each other, to our proud history and to the people who will enjoy these rivers long after we're gone.”

Next Month: Phase II Stormwater: The Six Steps

Notes from the Executive Director

Hello, the summer months have passed quickly this year and the OFMA Annual Conference is just around the corner. We had a very mild summer in Oklahoma City as not one day exceeded 100. We have had a very good summer and hope you have had the same. Let me bring you up to date on a few initiatives OFMA leadership has been working on. Chairman Walter Stout, Andy Kincaid and I met with Danny George, Executive Director of the Oklahoma Municipal League, on August 6 to discuss mandating annual training for the local floodplain manager. The meeting proved very productive. We are scheduled to appear before the OML Legislative Committee September 4 to justify this. On August 12, 13 & 14, Lonnie Ward, Gavin Brady and I did a community assistance visit (CAV) to the City of Ponca City. About 20 homeowners experienced a flood event on June 12 and some experienced two feet of water in their homes. Community officials welcomed our visit and are working diligently to address this localized drainage problem. Also, they are working with the Oklahoma Department of Civil Emergency Management to develop an all hazards mitigation plan. I thank Ponca officials for their hospitality during this visit. The OFMA Board had a marathon meeting and working lunch on August 15 at the OWRB's Oklahoma City office. The meeting proved very productive. Board members in attendance included; Chair-



man Walter Stout, Vice Chair Janet Meshek, Secretary Lynne Stevenson, Treasurer Carolyn Schultz, Region 1 Representative John Harrington, Region 2 Rep. Nancy Wade, Region 3 Rep. Thomas Graham, Andy Kincaid, Chairman of the Public Information and Education Committee and I. Key meeting topics included the mandatory training initiative, the State of Oklahoma Mapping Strategy, Project WET Training and annual conference details/changes. The conference is shaping up very nicely. Janet is doing a superb job and I want to sincerely thank Janet and her staff for all their hard work. Mark your calendar for this great training opportunity. Please remember education is the key to flood loss reduction and the protection of the natural floodplain.

Speaking of education, I want to encourage new floodplain managers to attend the September 25 & 26, 2002, OWRB Floodplain Managers Workshop at Quartz Mountain Lodge immediately following the OFMA Annual Conference. There is no charge to attend this workshop and an agenda is found in this newsletter. Each student attending this training will earn 6 Continuing Education Credits and those that are pre-approved can take the Certified Floodplain Managers Exam at its conclusion. If you have any questions, please give me a call. Also, for floodplain managers that need a refresher course this workshop serves that purpose well. See you at Quartz Mountain Lodge in September.

OFMA General Store

Oklahoma Floodplain Managers Association gifts are now available. The attractive OFMA articles are of the highest quality. You will be proud to wear and display them.

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405 755-5325

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September 2002

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Oklahoma Floodplain Managers Association 2001-2002

Chair:

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The B.F.E.*

* Base Flood Elevation

OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION NEWSLETTER

Volume 5

November 2002

Number 1

12th Annual OFMA Conference Summary

Taking Ownership at the Local Level: No Adverse Impact

Quartz Mountain State Lodge, Lone Wolf, Oklahoma

Legislators Lauded for Floodplain Efforts



Representative Thad Balkman of Norman was honored at the annual meeting of the Oklahoma Floodplain Managers Association (OFMA) as the Public Official of the Year. This year's event was held September 21-24 at Quartz Mountain State Resort.

"Representative Balkman is a great friend and supporter of OFMA," says Ken Morris, State Floodplain Manager. "He understands the importance of floodplain management and the many benefits it provides to Oklahomans."

Specifically, Balkman was recognized for co-authoring House Bill 2228, which changed the purpose of the Oklahoma Floodplain Management Act. Prior to this year the primary purpose of the act was to allow communities to become eligible for flood insurance. HB 2228 changed the primary purpose of the act to now protect and preserve the beneficial uses and functions of the natural floodplain and still allow communities to be eligible for flood insurance. HB 2228 also calls for flood damage reduction and to encourage local officials to attend annual training.

Balkman is a member of the House Committee on Environment and Natural Resources. OFMA also cited Balkman for his support of the Federal Emergency Management Agency's "No Adverse Impact" initiative and pursuit of funding for flood mitigation in the State Legislature.

The Public Official of the Year award is given to those officials who implement public policy initiatives that demonstrate excellence in floodplain management. Flooding is the single most costly disaster affecting Oklahomans each year.

"I am honored to be chosen for this award, but the real winner is OFMA," said Balkman, who is completing his first term in the Oklahoma House of Representatives.

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Senator Bruce Price of Hinton, received the Silver Scoop Award from the Oklahoma Floodplain Managers Association at their 12th Annual Conference at Quartz Mountain Lodge. Senator Price co-authored HB 2228 this past year.



The OFMA Silver Scoop award is presented to key individuals that have contributed significantly to the association. Past Chairman Walter Stout said, "Senator Price also knows the importance of annual training for the local floodplain manager. Senator Price's support of HB 2228 is very much appreciated."

(Continued on page 2)

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Representative Purcy Walker received a Special Recognition Award from the Oklahoma Floodplain Managers Association at their 12th Annual Conference at Quartz Mountain Lodge. Representative Walker co-authored HB 2228 this past year. Representative Walker also informed all House members this past April about the dangers of flood waters as a part of the May 2002 Flood Awareness Month proclamation.

More than 100 local floodplain managers, engineers, and state and federal officials attended the three-day training conference. This annual meeting also provides continuing education credits for Certified Floodplain Managers (CFM) to continue their education in the profession and maintain their role as the community floodplain manager. Representative Purcy Walker opened the conference by singing the national anthem and provided a welcome address for conference participants on Monday.

According to OFMA Past Chairman Walter Stout from Pryor Creek, Oklahoma, Representative Walker is a strong supporter of wise floodplain management in Oklahoma. He further said, Walker's past experience as a County Commissioner has helped him understand the importance of floodplain management in Oklahoma. The conference theme "Taking Ownership at the Local Level: No Adverse Impact," refers to the importance the local floodplain administrator has in reducing flood loss to his or her community. No Adverse Impact (NAI) is a national initiative to encourage local communities to go above and beyond the minimum floodplain management standards.

Conference Summary

Saturday, September 21, 2002: New business acted upon at the Board meeting saw the new contract for the BFE, discussed & approved for the next year. The new contract calls for six issues over the next 12 months.

Sunday, September 22: Sunday member activities included the 5th Annual Golf Tournament and a well-attended welcome social for members Sunday evening. Mike & Carolyn Schultz came in with the best score to win the 5th Annual OFMA Golf Tournament. Lonnie Ward had the longest drive of 305 yards on the 18th hole. Many thanks to Gavin Brady for organizing and leading this excellent networking opportunity.

Monday, September 23: Monday began with committee meetings at 10:00 am. The committees included Legislative, Education and Public Information, Mapping and Engineering, Certification & Mitigation. The Mapping committee created a mission statement that was presented at the Tuesday morning business meeting. Each committee chair summarized their meeting during the open plenary session.

Chair Walter Stout opened the conference in the Kiowa and Caddo Rooms leading OFMA members in the Pledge of Allegiance, Representative Purcy Walker sang the National Anthem. Keynote speakers included Rep. Purcy Walker, Senator Robert M. Kerr, Attorney Randal Homburg, OWRB Executive Director Duane Smith, and OWRB legal Counsel Dean Couch.



The USGS-sponsored the Opening Plenary Session and all vendors sponsored the Monday evening cook out at the outdoor pavilion. Hank Elling provided excellent country and western live entertainment for cook out attendees. Anna Waggoner prepared all the signs for the conference that added a touch of class to the conference as well as recognized the many and much needed conference sponsors.

Tuesday, September 24: Tuesday began with the annual OFMA business meeting in the Falcon Room at 7:00 am. The meeting was called to order and the Chairman opened the meeting. He praised the OFMA Board for all their hard work and dedication for the past year. The Executive Director gave a short report following the Chairman.

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(Continued from page 2)



Anna Waggoner, Past Chair, presented each Regional Rep a plaque for the work they have done during the past year.

Minutes of the last annual meeting were approved. The annual financial statement was given by Treasurer Carolyn Schultz and approved. The new vice chair of the Association is Andy Kincaid from Payne County. Each of the other officers and regional representatives were re-elected.

Three break out sessions were held - Mapping and Engineering, Mitigation and Natural & Beneficial Uses. Each session program was designed to support the conference theme, taking ownership and NAI.

Larry Larson gave the luncheon Key Note address on No Adverse Impact. The OFMA Board presented Larry with a block of Watonga Cheese in the shape of the great state of Oklahoma, just in case a Wisconsinite did not know good cheese. Larry gave an excellent presentation on why locals need to go above and beyond the minimum if we are to reduce annual flood losses in this nation.



The Annual OFMA Awards Banquet began at 7:00 pm. with Vice Chair Janet Meshek presiding. Lynne Stevenson received the Floodplain Manager of the Year Award; Ron Flanagan received the Charles Don Ellison Memorial Award for his support of the highest goals of OFMA; Hank Elling received the Ben Frizzell Memorial Award for his excellent work on the OFMA web site; Rep. Thad Balkman received the Public Official of the



Year Award for his work supporting HB 2228, support of NAI and mitigation funding work; and Senator Bruce Price received The Silver Scoop Award for his support and work on HB 2228. Following the awards banquet the OFMA membership enjoyed a very nice evening listening, seeing and experiencing the Native American Fancy Dancers at the Amphitheater thanks to Tom Graham.

A Special Recognition Award was presented to Rex Hennen, Mapping Committee Chair for the committee work he did this past year. Special Recognition Awards were also presented to Commissioner Tom Deering for his support of the Payne County Program and to Tom Blalock for his work on the development of the Teal Ridge Outdoor Classroom. The Platinum Project Award was presented to the City

of Bixby for the community support of the drainage projects they have accomplished that will mitigate future flood losses.

Wednesday, September 25: A Past Chair's Breakfast was held at 7:00 pm. Past chairs in attendance included-Ron Flanagan, Bob Bigham, Anna Waggoner, Harold Springer, Bart Hines, TJ Davis, Walter Stout & Joe Remondini. Guests included Larry Larson and Ken Morris.

PBS&J sponsored the Closing Plenary Session. The session began at 8:30 am with some opening remarks by Ken Morris. Chairman Stout then introduced the first morning speaker, Kent Baxter, FEMA, Region VI. Kent gave a very informative power point presentation that showed where FEMA is going that includes the new Homeland Defense mission.

Insurance Commissioner Carroll Fisher spoke on the need to educate property and casualty agents about selling more flood insurance policies and promised continued support from his department and staff with the OWRB, OFMA and the local officials.

Jack Graham shared mitigation success stories on how Kingfisher uses city funds to buy land and property in the floodplain. Carolyn Schultz was recognized for her continued good work. Lonnie Ward, FEMA, addressed the group on the

(Continued on page 4)

Web Sites

OFMA www.okflood.org

ASFPM www.floods.org

OWRB www.owrb.state.ok.us

FEMA www.fema.gov

OEMA www.angelfire.com/ok2/oema

ODCEM www.onenet.net/~odcem

Corps of Engineers (USACE)
www.swt.usace.army.mil

U.S. Geological Survey (USGS)
ok.water.usgs.gov

Advanced Study Institute
web.uccs.edu/geogenvs/natoasi

CLOMR/LOMR Forms:
www.fema.gov/forms/forms.htm

EPA NPDES Phase II site:
www.epa.gov/npdes/

SMRC Stormwater Mgr Resource Center: www.stormwatercenter.net

WebMaster: Hank Elling, P.E., CFM (580) 248-7762 hcelling@owrb.state.ok.us

Calendar of Educational Opportunities

- **OWRB Managing Floodplain Development Through the NFIP**; January 6-10, 2003, Contact: *OFMA, P.O. Box 8101, Tulsa, OK 74101-8101*; website: www.okflood.org
- **OSLS Spring Conference**, March 5-8, 2003; Contact: OSLS, P.O. Box 720126, Oklahoma City, OK 73172; 405-721-7222; Email: osls@oslo.org; www.osls.org.
- **Arkansas Managing Floodplain Development Through the NFIP**; March 10-14, 2003; Contact Jason Donham (501) 682-3907
- **AFMA Spring Conference**; TBA; For more information contact Jason Donham (501) 682-3907
- **Twenty-Seventh Annual Conference of the Association of State Floodplain Managers**; May 3-8, 2003, St. Louis, MO. Contact: *ASFPM Executive Office, 2809 Fish Hatchery Road, Ste. 204, Madison, WI 53713-3120*; (608) 274-0123; fax: (608) 274-0696; e-mail: asfpm@floods.org; website: www.floods.org
- **NFIP Training**; Muskogee, OK, May 7, 2003; Bartlesville, OK, May 8, 2003; Woodward, OK, May 20, 2003; Lawton, OK, May 22, 2003; for more information, call 405-530-8800.
- **OWRB Workshops in May**; see next BFE.
- **NFIP 2003 National Flood Conference**; May 27-30, 2003 in San Francisco; contact Catherine King at (301)918-1439.
- **OFMA Annual Fall Conference**, Sep 22-24, 2003: Location to be announced. Contact: *OFMA, P.O. Box 8101, Tulsa, OK 74101-8101*; website: www.okflood.org
- **OWRB Floodplain 101 Workshop**, Location to be announced, Sept 24-25, 2002, for more information, call 405-530-8800.

(Continued from page 3)

primary issue that will face all of us this upcoming year, the Mapping Modernization Program, and how it will take increased coordination and teamwork by all to make this program successful.

Many special thanks to the numerous door prize donors that made this year's door prize drawings a conference highlight. ODOT, Terra Aqua, ASFPM, Meyers Engineering, OWRB, Joe's Antique Store -Tulsa, Meshek & Associates, Inc., and FTN, Inc., provided door prizes.

To conclude the closing session, Walter Stout passed the gavel to the new Chairman Janet Meshek, who thanked all for attending and adjourned another very successful OFMA conference.

The OFMA Board held a short Board meeting following the conference to discuss the Past Chair sub committee concept, the mapping strategy for this next year, getting OWRB to initiate action to be a Cooperating Technical Partner (CTP) state and the possibility of adding a historian to the OFMA Board.

Thursday, September 26: Immediately following the 12th Annual Conference, OWRB hosted the Floodplain Managers 101 Workshop with 15 attendees. Immediately following the workshop, the CFM exam was proctored and two pre-approved exam candidates took the exam

November CFM Corner

CFM is now Trademarked by ASFPM!

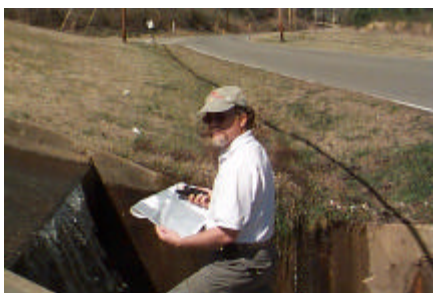
Yes, this means that your official title as a "CFM" is now protected by law. Any person that claims to be a "CFM" in the floodplain management field, must have obtained the title through the formal ASFPM Certification program. This means the national program or a State Certification Program after it has been accredited by ASFPM.

FEMA's IS-9 Course

FEMA's course "Managing Floodplains Through the NFIP" (Independent Study 9) has been discontinued. FEMA is working on up-dating and revising the course. However, there are still copies of the Student Manual available through FEMA's Independent Study Office (301-447-1835). The Student Manual includes the text only and does not have the additional course materials. The course can also be downloaded, in chapters, from the ASFPM website (<http://www.floods.org/IS9/is9.htm>)

Al Goodman- CFM Success Story

Al Goodman is the Mississippi NFIP State Coordinator. When Al obtained his CFM designation, he received an "Education Benchmark" pay increase from the Mississippi Emergency Management Agency. The raise was equivalent to those employees that attain a Master's Degree. It is now a requirement that the Mississippi State NFIP Coordinator obtain the CFM designation. Congratulations Al on a great job! We appreciate all that you do for ASFPM!



If you have a certification success story to share, please notify the Executive Office.

Oklahoma Floodplain Managers Association

Vision

Floodplains are for floodwaters, habitat, water quality enhancement and recreation.

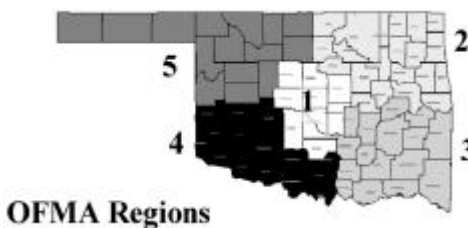
Mission

We encourage and support, with our partners, flood-safe development and flood mitigation. We promote sound floodplain management practices and the natural and cultural benefits of the floodplain. We support the floodplain management profession through education and certification.

Saving lives from floods and reducing property loss from floods are paramount to us.

An Invitation to Join OFMA

The Oklahoma Floodplain Managers Association is a non-profit organization primarily dedicated to providing information and education to the public about reduction of loss of life and property due to flooding.



OFMA Regions

The best investment that \$30.00 can buy in the future of your state is a membership in the Oklahoma Floodplain Managers Association.

OFMA Membership Application

Name: _____

Company/Organization: _____

Title: _____

Address: _____

Work Phone: _____

City/Town: _____ State: _____ Zip: _____

Fax: _____

E-Mail: _____

Detach and Mail to:

OFMA

P.O. Box 8101

Tulsa, OK 74101-8101

New Member: ☐

Renewal: ☐

Region (see map): 1 2 3 4 5

Committees:

___ Mitigation ___ Floodplain Regulations

___ Flood Insurance ___ Mapping & Engineering

___ Flood Proofing ___ Stormwater Management

___ Research

Dues Schedule:

First-Year dues are probated depending on the quarter during which you join. The fiscal year start October 1st and ends September 30th.

	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
Full Membership	\$ 30.00	\$ 22.50	\$ 15.00	\$ 7.50
Student Membership	15.00	11.25	7.50	3.75
Associate Membership	20.00	15.00	10.00	5.00
Agency Membership	50.00	37.50	25.00	12.50
(Plus \$10.00 per employee designated by the Agency)				
Corporate Sponsor	100.00	75.00	50.00	25.00



Notes From the Executive Director

I want to personally thank Jason Donham and Jim Narey for asking me to speak at the Arkansas Floodplain Managers Annual Conference in Fort Smith this past October. I thoroughly enjoyed traveling to the great state of Arkansas, meeting the Mayor of Fort Smith and being a part of the opening ceremony for the 2002 Arkansas Association Annual Conference. I am always awed with the Pledge of Allegiance and with the special groups singing our National Anthem and Chairman Jim Narey's opening ceremony was really something. These things are very special.

At this conference I spoke on "Going Above And Beyond, Taking Ownership of Your Ordinance and the No Adverse Impact initiative" established by ASFPM.

There is no getting around it, if the basics of floodplain management are going to be met and we reduce flood damages, it must come at the local level. There is only one individual that can affect this outcome and that is Local Floodplain Manager. This one person, one individual, is the key to what we are about and should be applauded tremendously as the road "Baby" is up hill and a steep hill at that. This one person must battle many elements working against him or her. First and foremost is politics. In communities with a recent flood history is not so bad, but for communities that have never had a flood or have only flooded once in the past 50 years, it is a different story.

What makes the local floodplain manager's job so tough one must first look at the daily business of a city, town, county or tribe. Trash pick up, meter reading, police, fire, water and sewage treatment operations, road repair & many, many other more immediate issues dictate officials daily actions. Ensuring new development is compliant with the local flood ordinance may not be a high priority unless the floodplain manager champions this daily task. The local floodplain manager must champion this profession at the local level and that can be tough. Each community's leaders are extremely important to daily floodplain management tasks and overall flood loss reduction. If the local officials do not support the local floodplain manager and trust him or her makes it extremely difficult for the FPM, if not entirely impossible.

My challenge to all mayors, city managers, county commissioners, city councilmen, boards of trustees and other civic leaders in our communities is to support & encourage your local floodplain manager. Try and understand how difficult this job can be and how you can help make new development safer from flooding by supporting the No Adverse Impact Initiative. As the Community leader your opinion and support is critical for the local floodplain manager. Send them the message you want your floodplain managed to protect the natural functions and beneficial uses of the floodplain.

Ken Morris, OFMA Executive Director and State Floodplain Manager for Oklahoma.



OFMA General Store

Oklahoma Floodplain Managers Association gifts are now available. The attractive OFMA articles are of the highest quality. You will be proud to wear and display them.

To Order: OFMA
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Tulsa, OK 74101

Or Call Carolyn Schultz (918) 669-4919



OFMA Golf Shirt (S, M, L, X-L)	35.00
Briefcase	25.00
Baseball Cap (One size fits all)	15.00
Insulated Mug	10.00
Umbrella	20.00
Portfolio	25.00
Lapel Pin	3.00
CFM Lapel Pin	5.00

Shipping and handling \$4.95 per order.

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Phase II Stormwater – The Six Minimum Control Measures

Previously, we talked a little about the need for the Phase II stormwater effort, as well as the regulatory background that has launched this phase of the Clean Water Act. Now we get to the overall structure of this new NPDES program. Simply put, there are six major elements that each new Phase II stormwater permit will have to address. The six elements are:

- Public Education and Outreach
- Public Participation/Involvement
- Pollution Prevention/Good Housekeeping
- Illicit Discharge Detection and Elimination
- Construction Site Runoff Control
- Post-Construction Runoff Control

Some of these elements are closely related to one another – for example, activities involving the public education and outreach goal might overlap into the public participation and involvement goal. An example of this would be a stream cleanup day – the public could be educated, then invited to participate in trash pickup along the stream banks. Construction site runoff control and post-construction runoff control also have closely related activities.

Let's now take a close look at each of the minimum control measures and some suggested activities associated with them.

MEASURE 1 - PUBLIC EDUCATION AND OUTREACH

GOAL OF CONTROL MEASURE: Make presentations to citizen groups, professional organizations, and schools emphasizing the importance of environmental awareness and the strides a stormwater management program can make to provide a safe, clean quality of life and ecology.

MUST:

- Distribute educational materials to the community, or conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants in storm water runoff.

RECOMMENDED:

- May use materials provided by others.
- Inform public on how to get involved in storm water program activities.
- Tailor program to target specific groups of entities, particularly those likely to have significant storm water impacts.
- Address the viewpoints and concerns of minority and disadvantaged communities.
- Develop and distribute brochures on proper septic system maintenance
- Target specific groups - outreach to restaurants on impact of grease clogging storm drains
- Develop alternative information sources, such as web sites, bumper stickers, refrigerator magnets, posters for bus and subway stops, and restaurant placemats
- Storm Drain Stenciling
- Brochures on proper use and disposal of landscape and garden chemicals/fertilizers
- Develop educational programs for school-age children
- Include information on the water quality of nearby rivers/lakes in community mailings
- Survey the public's knowledge on water quality

SUGGESTED TARGET DATE ACTIVITY

YEAR 1..... Brochures developed (bilingual, if appropriate) and distributed in water utility bills; a storm water hotline in place; volunteer educators trained.

YEAR 2..... A web site created; school curricula developed; storm drains stenciled.

YEAR 3..... A certain percentage of restaurants no longer dumping grease and other pollutants down storm sewer drains.

YEAR 4..... A certain percentage reduction in litter or animal waste detected in discharges.

MEASURE 2 - PUBLIC INVOLVEMENT/PARTICIPATION

GOAL OF CONTROL MEASURE: Involve the public in stormwater management

MUST:

- Comply with State, Tribal and local public notice requirements

RECOMMEND:

- Provide opportunities for the public to participate, such as:
- Local storm water management panel
- Volunteer monitoring
- Set up a local storm water management panel which includes members of the public

- Establish volunteer water quality monitoring program
- Stream Clean Up Days
- Use volunteers groups to find/map outfalls
- Set up a hotline for water quality complaints

SUGGESTED TARGET DATE ACTIVITY

YEAR 1..... Notice of a public meeting in several different print media and bilingual flyers; citizen panel established; volunteers organized to locate outfalls/illicit discharges and stencil drains.

YEAR 2..... Final recommendations of the citizen panel; radio spots promoting program and participation.

YEAR 3..... A certain percentage of the community participating in community clean-ups.

YEAR 4..... Citizen watch groups established in a certain percentage of neighborhoods; outreach to every different population sector completed.

MEASURE 3 - ILLICIT DISCHARGE DETECTION AND ELIMINATION

GOAL OF CONTROL MEASURE: All calls or testing results indicating possible contamination are examined to determine the appropriate response or action necessary. Commercial, industrial, and institutional facilities are notified of the federal, state, and local permit requirements for storm water discharges to the neighborhood waterways and the potential to pollute. Each facility receives informational correspondence, a request to schedule an inspection to determine if there is the potential to pollute; follow up reporting and, if necessary, an investigation of any illegal activity.

MUST:

- Develop a sewer system map of all outfalls and the names of all receiving waters
- Prohibit non-storm water discharges, through an ordinance or other means, and implement appropriate enforcement procedures
- Implement a plan to detect and address non-storm water discharges
- Inform public of hazards associated with illegal discharges and improper disposal of waste

RECOMMEND:

- A plan with procedures for:
 - o Locating priority problem areas
 - o Tracing the source of an illicit discharge
 - o Removing the source
 - o Program evaluation & assessment
- Promotion of public reporting of discharges
- Distribution of outreach materials
- Storm drain stenciling
- Collect all existing information on outfall locations and then conduct field surveys to verify locations.
- Coordinate volunteers for locating outfalls or stenciling storm drains.
- Develop storm water ordinance to prohibit illicit discharges;
- Locate problem areas for detailed screening using methods such as public complaints; visual screening; water sampling from man-holes and outfalls during dry weather; and infrared and thermal photography.
- Determine the source of the problems using methods such as:
 - o dye-testing buildings in problem areas;
 - o dye- or smoke-testing buildings at the time of sale;
 - o tracing the discharge upstream in the storm sewer;
 - o employing a certification program that shows that buildings have been checked for illicit connections;
 - o implementing an inspection program of existing septic systems; and
 - o using video to inspect the storm sewers.
- Educate and work with dischargers found to be sources of illicit connections.
- Develop informative brochures on proper disposal methods for specific audiences and school curricula.
- Design a program to publicize and facilitate public reporting of illicit discharges.
- Initiate recycling programs for commonly dumped wastes, such as motor oil, antifreeze, and pesticides.

SUGGESTED TARGET DATE ACTIVITY

YEAR 1.....Sewer system map completed; recycling program for household hazardous waste in place.

YEAR 2..... Ordinance in place; training for public employees completed; a certain percentage of sources of illicit discharges determined.

YEAR 3..... A certain percentage of illicit discharges detected; illicit discharges eliminated; and households participating in quarterly household hazardous waste special collection days.

YEAR 4..... Most illicit discharge sources detected and eliminated.

Next newsletter – the next three minimum control measures.