



The B.F.E.*

* Base Flood Elevation

OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION NEWSLETTER

Volume 2

MARCH 2000

Number 3

Governor Proclaims

MARCH

FLOOD INSURANCE MONTH



Governor Keating Signs Flood Insurance Month Proclamation

Oklahoma Governor Frank Keating, seated, signs the Proclamation designating March as Flood Insurance Month. Standing, l to r, Lonnie Ward, FEMA, Dorothy Martinez, NFIP, Joe Remondini and Carolyn Schultz, USACE, Ken Morris, OWRB, Albert Ashwood, Dir., ODCEM, Ron Flanagan, OFMA Chair.

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State Capitol, Oklahoma City- Governor Frank Keating issued an official proclamation designating March, 2000 as Flood Insurance Month.

Each year in Oklahoma, thousands of citizens who experience flood damages 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 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

(Continued on page 2)

Flood Insurance Month (cont. from page 1)

to spread the word on the availability of relatively inexpensive flood insurance."

Timing is good for Proclamation-Smith added that the timing of the Flood Insurance Month designation is appropriate because Oklahoma's spring flooding season is just around the corner. "Flood insurance policies generally require a 30-day waiting period," he pointed out. "Because we experience so many damaging flooding events in April and May, now is the time for those citizens who reside in designated floodplains but do not currently possess a flood insurance policy to discuss the need for protection with their insurance agent." Smith added that a flood insurance policy may be purchased from any licensed property insurance agent or broker in good standing.

Most Disasters Involve Flooding-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 use of the floodplains.

Eligibility-To be eligible for flood insurance, participating communities and counties 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. For example, the City of Tulsa, identified in a 1975 FEMA study as one of the nation's most disaster-

prone communities, has no record of flooding of any structure that has been built in accordance with NFIP regulations. The Oklahoma Water Resources Board is the state agency designated to coordinate the NFIP in Oklahoma in a cooperative partnership with the Oklahoma Insurance Commission, Oklahoma Department of Civil Emergency Management and the Oklahoma Floodplain Managers Association.

Few Floodplain Buildings are Insured-Only 20 percent of all homes or structures in the state that lie within the 100-year floodplain are covered by flood insurance, according to Ken Morris, OWRB state floodplain management coordinator. "It is disheartening that relatively few people have taken 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.

Flood Insurance Required-Flood insurance coverage is mandatory for all buildings financed by federally insured mortgage and lending institutions.

Flood Damages Occur Outside of Floodplains-Over 50 percent of flood damages occur outside of FEMA's mapped floodplains. Some communities, such as Tulsa, regulate larger floodplains than FEMA's minimum national standard. Tulsa also notifies floodplain residents of their floodplain location and the availability of flood insurance annually. Tulsa's flood insurance participation and coverage is twice the state and national average.

Flood Insurance policies generally require a 30-day waiting period. Now is the time to protect ourselves from April

Helpful Web Sites

OFMA www.okflood.org
 ASFPM www.floods.org
 OWRB www.state.ok.us/~owrb
 FEMA www.fema.gov
 Corps of Engineers www.swt.usace.army.mil
 EMI Independent Study www.fema.gov/home/emi/ishome.htm
 Advanced Study Institute <http://web.uccs.edu/geogenvs/NATOASI>

Calendar of Events

Mar.	19-25	Lightning & Severe Storm Awareness Wk
Apr.	20	OFMA Bd. Dir. Mtg., Jamil's/OKC
May	2	OWRB Flood Mgt. Workshop, -OKC
May	4	OWRB Flood Mgt. Workshop, -Tulsa
May	8-10	NFIP National Flood Conf.- Austin, TX
May	11	OFMA Bd. Dir. Mtg., Jamil's/OKC
May	16	OWRB Fld. Mgt. Workshop, -Woodward
May	18	OWRB Fld. Mgt. Workshop, -Lawton
May	24	FEMA/NFIP Okla. Flood Forum-Lawton
June	15	OFMA Bd. Dir. Mtg., Jamil's/OKC
June	19-23	ASFPM National Conf., Austin, TX
July	20	OFMA Bd. Dir. Mtg., Jamil's/OKC
August	17	OFMA Bd. Dir. Mtg., Jamil's/OKC
Sept.	13-15	Okla. Municipal League Conference and Exposition-Tulsa Convention Center
Sept.	24-27	OFMA Fall Conference, Lake Texhoma

OFMA's *Spring 2000 Technical Training* A Big Success

March 8, 2000 Moore-Norman Technology Center- More than 110 Floodplain Managers attended OFMA's *Spring 2000 Technical Training*, held at the beautiful facilities of the Moore-Norman Technology Center in Norman, Oklahoma. This was OFMA's most ambitious and successful conference ever. The training consisted of three separate tracks: Floodplain Management, GIS-Geographic Information Systems, and Flood Hazard Mitigation.

Opening Welcome Address- Former Tulsa Mayor Terry Young kicked off the day's training with an inspirational keynote speech. Young was mayor of Tulsa during the disastrous 1984 flood, which left 14

Emergency Management, and a past-chairman of OFMA, gave the luncheon keynote speech. Mr. Ashwood emphasized how important Floodplain Managers and OFMA are to the state's efforts to reduce loss of life and property due to flooding.

Floodplain Management- The basic 6 hour class on floodplain management and the NFIP was taught by Ken Morris and Hank Elling, OWRB, Lonnie Ward, FEMA, and Dorothy Martinez, NFIP.

GIS- Geographic Information Systems- An introductory overview class on the emerging computer mapping and information systems was requested by many OFMA members and floodplain managers.



Former Tulsa Mayor Terry Young opened the training with an inspirational welcoming address.



Ken Morris instructs the Floodplain Management session in the amphitheater facilities of the Moore-Norman Technology Center

dead and over \$180 million in flood damages.

Luncheon Keynote Speech- Albert Ashwood, Director of the Oklahoma Department of Civil

The class was taught and facilitated by Tulsa Community College instructor Merredith Reeder, Meshek and Associates. Other GIS experts making presentations were Dr. David Brown, University of

Oklahoma, Terry Felkerson, USGS, Anna Lee, Woodward, OK, Jackie D'Amico, Midwest City, OK, Jim Leach and Russ Wyckoff, US Corps of Engineers. Jack Quarles, updated the conference on the status of FEMA's map modernization program.

Flood Hazard Mitigation- The Flood Hazard Mitigation course was taught by State Hazard Mitigation Officer Fred Liebe. Dorothy Martinez, and FEMA's Lonnie Ward and James Orwat assisted Mr. Liebe. Eric Wiles presented a case study on Skiatook, OK's mitigation program.

The Floodplain Manager Certification Exam was given to five pre-qualified floodplain managers, and was proctored by Linda Reed, CFM, Grand Gateway.

Everyone who was interviewed stated that they loved the facilities, and benefited greatly from the technical sessions.

New Certified Floodplain Managers

Oklahoma has another five new, nationally accredited Certified Floodplain Managers. These new CFMs took the two-hour comprehensive exam, consisting of 120 questions and practical exercise after completion of the 6 hour Floodplain Management 101 Course, given at the *Spring 2000 Technical Training*, held at the Moore/Norman Technology Center, March 8, 2000. The new Certified Floodplain Managers, entitled to the "CFM" designation, are:

Ruben Haye, P.E. City of Tulsa

David Heringer City of Oklahoma City

Bob Patton FEMA, Region VI

Mark Ritchie Coon Engineering, Oklahoma City, OK

Steve Sharples Meshek & Assoc., Sand Springs, OK

Membership Directory Changes

Hennen, Rex
Assistant to the City Engineer
City of Shawnee
PO Box 1448
Shawnee, OK 74802

Wade, Nancy, CFM
Floodplain Administrator
City of Bartlesville
401 South Johnstone Ave.
Bartlesville, OK 74003

New OFMA Members

The Oklahoma Floodplain Managers Association
congratulates and welcomes its newest members:

New Agency Member:

Choctaw Nation Housing Authority

Post Office Box G
Hugo, OK 74743
(580) 326-7521 fax 326-7641

New Individual Members:

Allen, Paula

Choctaw Nat. Housing Auth.
PO Box G
Hugo, OK 74743
(580) 326-7521

Barry, John, Compliance Off.

Choctaw Nation Housing Auth.
PO Box G
Hugo, OK 74743
(580) 326-7521

Belvin, Zachary, Environ. Review Technician

Choctaw Nation Housing Auth.
PO Box G
Hugo, OK 74743
(580) 326-7521

Ellison, Denise

Cleveland County
Asst. to the Floodplain Admin.
201 South Jones
Norman, OK 73069
(405) 366-0200

Flanagan, Mike

R.D. Flanagan & Associates
2745 E. Skelly Drive, Suite 100
Tulsa, OK 74105
(918) 749-2696 fax 749-2697
e: rdflanagan@ionet.net

Gunter, Herb

Seminole Co. Floodplain Admin
820 Jefferson Street
Seminole, OK 74868
(405) 382-3702

McCarter, David

Cherokee Nation Housing Auth.
PO Box 1007
Tahlequah, OK 74464
(918) 456-5482 fax 458-5081
e: dmccarter@hacn.net

McCool, Mike, Director

Tulsa Area Emergency Management Agency
600 Civic Center, EOC
Tulsa, OK 74103
(918) 596-9890

Nichols, C. Janet

Clerk/Treasurer
Town of Bethel Acres
18101 Bethel Road
Shawnee, OK 74801
(405) 275-4128

Phillips, Kenneth

Choctaw Nation Housing Auth.
PO Box G
Hugo, OK 74743
(580) 326-7521

Stover, Rita

Town of Kiefer
PO Box 337
Kiefer, OK 74041
(918) 321-5925

Tackett, Wade

Cherokee Nation Housing Auth.
PO Box 1007
Tahlequah, OK 74464
(918) 456-5482 fax 458-5081
e: wtackett@hacn.net

Wakefield, David

R.D. Flanagan & Associates
2745 E. Skelly Dr., Suite 100
Tulsa, OK 74105
(918) 749-2696 fax 749-2697
e: rdflanagan@ionet.net

OFMA Membership

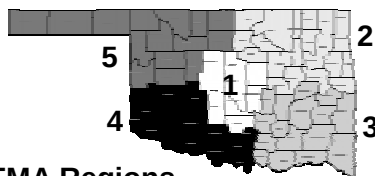
An Invitation to Join

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 is staffed entirely by member volunteers, and all time required for activities, functions, training, conferences and communications is donated by dedicated members. OFMA does not have a paid staff.

Membership in OFMA is open to anyone interested in the promotion of wise use of the floodplains, and reduction of loss of life and property due to flooding, including public officials, engineers, professionals, lenders, real estate and insurance agents, students, and environmentalists.

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



OFMA Regions

Benefits of OFMA Membership-

There are many benefits of membership in OFMA, including:

Annual Professional Conference-

OFMA sponsors an annual 4-day



Oklahoma Floodplain Managers Association

floodplain management conference at one of the state lodges each year.

Spring Training- Each spring a one-day professional technical training conference is sponsored by OFMA for members and other interested parties. Technical topics include Basic Floodplain Management, Geographic Information Systems, Hazard Mitigation, and other timely subjects of interest to floodplain managers.

OFMA Newsletter, "The BFE"-

The OFMA newsletter is sent to all members and floodplain managers. "The BFE" contains the latest news and information about floodplain management in the state and nation.

Networking- One of the most valuable functions of OFMA is to provide opportunities to meet and network with other professionals interested in floodplain management. OFMA members include mayors and other elected officials, city managers, planners, engineers, emergency managers, building code officers, surveyors, planning commissioners, and citizen leaders.

You are invited to make a contribution to your state and community by joining OFMA.

Mission Statement

The purpose of the Oklahoma Floodplain Managers Association is to promote the common interest in flood damage abatement, to enhance cooperation and to exchange information among the various related private organizations, individuals, local, state and federal agencies to encourage appropriate and effective approaches to managing the state's floodplains, and to educate the public about floodplain management.

OFMA Membership Application

Name: _____ Company/Organization: _____

Title: _____ Address: _____

Work Phone: _____ City/Town: _____ State: _____ Zip: _____

Detach and Mail To:

OFMA

P.O. Box 8101

Tulsa, OK 74101-8101

Category Affiliation(s): _____

New Member: ☐ Renewal: ☐

Region (see map): 1 2 3 4 5

Categories:

- | | |
|--------------------|---------------------------|
| A. Mitigation | B. Floodplain Regulations |
| C. Flood Insurance | D. Mapping & Engineering |
| E. Flood Proofing | F. Stormwater Management |
| G. Research | |

Dues Schedule

First-Year dues are prorated depending on the quarter during which you join. Fiscal year is October 1 – September 30.

	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
Full Membership	\$20.00	\$15.00	\$10.00	\$5.00
Student Membership	10.00	7.50	5.00	2.50
Associate Membership	15.00	11.25	7.50	3.75
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



CONFERENCES

OFMA FALL CONFERENCE PLAN NOW!

When: September 25-28, 2000
Where: Lake Texoma State Lodge

Sunday, Sept. 24, Golf Tournament
Tracks: Floodplain Management 201
Geographic Information Systems
Flood-Hazard Mitigation 201
Municipal Stormwater Management
Certified Floodplain Manager's Exam

Western Cook-Out/Bar-B-Que
Awards Breakfast
Keynote Speakers
Important Plenary Sessions
Election of Officers 2000-2001
Exhibits

Oklahoma Water Resources Board Regional Floodplain Management Workshops

The OWRB's Annual 1-Day Workshop for
Floodplain Administrators & Public Officials

May 2	Oklahoma City
May 4	Tulsa
May 16	Woodward
May 18	Lawton

For More Information: Ken Morris, OWRB
(405) 530-8861 e: wkmorris@owrb.state.ok.us

FEMA/NFIP OKLAHOMA FLOOD FORUM

Public Officials, Insurance Agents,
Real Estate Agents, Lenders,
Floodplain Managers

One-Day Workshop for Southwestern
Oklahoma Area Professionals

May 24, 2000

Great Plains Area Vo-Tech Center
4500 West Lee Blvd., Lawton, OK
Information: NFIP Region VI (218) 829-6880

Association of State Floodplain Managers

24th Annual Conference

Floodplain Management: 2000 and Beyond
A New Beginning in a New Millennium

Austin, Texas
June 18-23, 2000

For Conference Brochure or more information:
Association of State Floodplain Managers

2809 Fish Hatchery Road, Suite 204
Madison, WI 53713

Phone: (608) 274-0123 Fax: (608) 274-0696
Website: <http://www.floods.org>

Oklahoma Municipal League's Annual Conference and Exposition

September 13-15, 2000

Tulsa Convention Center
Tulsa, Oklahoma

In association with the
Municipal Electric Systems of Oklahoma
American Planning Association, Okla. Chapter
Oklahoma Recreation and Park Society

For more information and brochure, contact:
Oklahoma Municipal League

Profile: OFMA Executive Director

W. KENNETH MORRIS, CFM

State NFIP Coordinator

William Kenneth (Ken) Morris, CFM, is the Executive Director of the Oklahoma Floodplain Managers Association, Chair of the OFMA Professional Development and Certification Committee (PDCC), and the State of Oklahoma National Flood Insurance Program (NFIP) Coordinator with the Oklahoma Water Resources Board (OWRB).

Ken Morris was born in Lindsay, OK, in 1949, and has been with the OWRB since 1977. He brings a strong environmental background to Oklahoma's floodplain management program, having received his Bachelors Degree in Biology from Central State University in Edmond, and completing his Masters in Environmental Sciences from the University of Oklahoma.

Ken is the recipient of numerous professional awards. He received the OFMA 1994 *Flood-plain Manager of the Year* award, and was presented with FEMA's *Outstanding Public Service* award for recognition of the OWRB's distinguished floodplain management programs and promoting the NFIP goals and objectives. He served two terms as Treasurer of the national Association of State Floodplain Managers (ASFPM), and served on its Professional Development and Certification Committee for Certification of Floodplain Administrators. Ken received the prestigious *Charles Don Ellison Memorial Award* for long-term leadership in OFMA. He is an OFMA and National Certified Floodplain Manager.



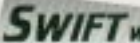
W. Kenneth Morris, CFM, OFMA's Executive Director, Professional Development and Certification Committee Chair and State NFIP Coordinator.

Mr. Morris resides in Norman with his wife Donna, and their two sons, Jeff, 20 and Matthew, 16. Donna has worked for the Metropolitan Library System for 30 years, where she is Director of Personnel Services.



OFMA'S CORPORATE PARTNERS



 HNTB ARCHITECTS ENGINEERS PLANNERS THE HNTB COMPANY <small>4000 South Central Suite 110 Tulsa, Oklahoma 74103 (918) 481-6252 Toll Free 800-606-0000</small> <small>Construction Services</small>	Smith-Roberts, Inc. Mathew Smith, CEO 2212 NW 50 th St., Ste. 246 Oklahoma City, OK 73112 (405) 840-7094	Meshek & Associates, Inc. Consulting Engineers Janet K. Meshek, P.E., CFM, President 20 W. 2 nd St., Ste 200 (918) 241-2803 Sand Springs, OK 74063 Fax: (918) 241-9245 meshekengr@aol.com
 SWIFT WATER RESOURCES ENGINEERING, LLC 6 East 5th Street • Suite 205 • Tulsa, OK 74103 Mark S. Swift, P.E. President <small>swift1373@net.com 918-582-1380 FAX 918-582-1381</small>	 Cinnabar Service Company Right Of Way and Land Acquisition Terry Young Director of Personnel (918) 742-0082 (918) 742-0097 FAX <small>5309 S. Wheeling Ave. Suite 100 Tulsa, OK 74105-6421 tsm@cinnserv.net</small>	R.D. FLANAGAN & ASSOCIATES Planning Consultants  RONALD D. FLANAGAN Principal Planner rdflanagan@ionet.net <small>2600 Corner Suite 100 2745 E. Skelly Drive Tulsa, OK 74103</small> Office (918) 749-2896 FAX (918) 749-2897



The B.F.E.

Oklahoma Floodplain Managers Association

PO Box 8101
Tulsa, OK 74101-8101

Change Service Requested

Oklahoma Floodplain Managers Association 1999-2000

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Fax: (405) 359-4767
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City of Davis
301 East Main
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Phone: (580) 369-2323
Fax: (580) 369-2425
E-mail: n/a

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E-mail: lreed@ggeda.com

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Phone: (580) 256-1014
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Mr. Eric Wiles, CFM
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The B.F.E.*

* Base Flood Elevation

OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION NEWSLETTER

Volume 2

APRIL 2000

Number 4

MAY 2000 FLOOD AWARENESS MONTH

Governor's Office, Oklahoma City- Governor Frank Keating issued an official proclamation designating May, 2000 as "Flood Awareness Month" in the State of Oklahoma.

Most severe weather incidents in Oklahoma occur two-weeks before or after May 31. Oklahoma is located in "Tornado Alley", and is especially prone to severe weather damages, primarily from tornadoes and flooding.

Governor Keating has taken the lead in making Oklahomans aware of the hazards and providing them with information to protect their families and their property from weather related damages.

Over the last decade, Oklahoma has received more weather related damages than any other inland state in the nation. Only the coastal states of Florida, California, Texas, and North Carolina rank higher.

Flooding causes numerous deaths and billions of dollars annually in property damages. Flood damages to residences and businesses are not covered by homeowner and business insurance

policies. The National Flood Insurance Program (NFIP), was created by Congress to provide affordable flood insurance to communities in exchange for adoption of minimal reasonable local floodplain regulations.

Over 360 Oklahoma communities currently participate in the NFIP, but sadly, some 79 flood-prone communities have not joined the program and, as a result, have no flood damage prevention ordinances in place to protect property owners and renters from the devastating social and economic impacts of flooding.

There is a critical need to inform the communities, their leaders and citizens of the risks they face from flooding, the importance of NFIP participation, and the numerous benefits of intelligent floodplain management

Public Awareness- The first step in reducing loss of life and property due to flooding is public awareness. Governor Keating has created a series of excellent television public service announcements on various aspects of flooding.

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Governor Frank Keating signs the official proclamation designating May 2000 as "Flood Awareness Month" in Oklahoma.

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Flood Awareness Month (cont. from page 1)

Governor Keating, along with the Oklahoma Department of Civil Emergency Management, the Oklahoma Water Resources Board, OFMA, and the Oklahoma Emergency Management Association, has taken the lead in preparing Oklahomans for the upcoming severe weather season. Among the Governor's official proclamations are:

March, 2000 Flood Insurance Awareness Month
Severe Weather Awareness Month

March 5-11 Tornado Preparedness Week

March 12-18 Flash Flood Safety Week

March 19-25 Lightning & Severe Storm Awareness Week

May, 2000 Flood Awareness Month

Local Proclamations and Resolutions- Each local Floodplain Manager should take the lead in promoting Flood Awareness Month in his/her community. A local resolution adopted by the Mayor and/or City Council, and publicized in the local media will go a long way towards

helping inform the citizens of the dangerous weather season ahead. Oklahomans are especially vulnerable, being located in Tornado Alley, and subject to flash flooding.

**DO NOT DRIVE INTO
HIGH WATER**

**More People Die in Automobiles
than any other Flood-Related
Cause**

Coordination with Emergency Managers- Floodplain Managers and local Emergency Managers are partners in community safety, and should have a close working relationship. Especially at this time of year, Floodplain Administrators and Emergency Managers should coordinate their activities

with elected officials and City Managers.

Test Warning Systems- Prior to an actual emergency, April is a good time to test the Emergency Warning Systems. The tests not only confirm that the equipment is in good working order, but also provides an opportunity for the citizens to become familiar with the various siren sequences and their meanings. It is best to test the sirens in cooperation with a local radio program, so that the siren sounds can be explained to the public as they are happening.

Pre-Disaster Planning- Every Floodplain Manager should have a well thought out plan of procedures in the event of an emergency. A Pre-Disaster Plan is very important. During a disaster event is not the time to try to figure out what to do. The emotion-laden period immediately following a disaster will place many emergency and crisis response demands upon community officials. Officials, Floodplain and Emergency Managers will have their hands full just trying to respond to the immediate crisis.

Assistance: Floodplain Managers or Public Officials needing assistance in preparing a media strategy, or in obtaining or using Flood and Severe Weather public service spots, may contact:

Ben Frizzell
Oklahoma Civil Emergency Management
Public Information Officer
P.O. Box 53365
Oklahoma City, OK 74152
(405) 521-2481 FAX (405) 521-4053
e-mail: ben.frizzell@dem.stste.ok.us

Calendar of Events

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Sept.	13-15	Okla. Municipal League Conference and Exposition-Tulsa Convention Center
Sept.	24-27	OFMA Fall Conference, Lake Texhoma

Oklahoma Water Resources Board FLOODPLAIN ADMINISTRATORS' WORKSHOPS

The Oklahoma Water Resources Board (OWRB), will offer its annual one-day Floodplain Administrators' Workshops in four convenient location around the state in the month of May. The workshops are conducted by the State NFIP Coordinator, W. Kenneth Morris, CFM.

Each year the OWRB uses these workshops to kick off the Board's Spring Flood Campaign. Historically, most of Oklahoma's flooding disasters have occurred 11 days either side of Mothers Day.

Workshop

Locations – The workshops are strategically located throughout the state to be within easy traveling distance from any Oklahoma community. Workshops will be held in Norman, Lawton, Woodward, and Tulsa this year.

Agenda - The agenda for the Workshop includes:

- | | |
|-------|-----------------------------------|
| 9:00 | Welcome & Introductions |
| 9:30 | State NFIP Coordinator's Comments |
| 9:45 | Your Flood Ordinance |
| 10:15 | Permit Application Process |
| | Lunch |
| 1:00 | How to Determine the BFE |
| 2:00 | Hazard Mitigation |
| 3:00 | Practical Exercise |
| 4:00 | Adjourn |

Who Should Attend - The workshops are designed to cover basic floodplain management for local Floodplain Administrators. Floodplain Administrators are encouraged to invite other community officials involved in the floodplain management program (mayor, city manager, building code officials, inspectors, planners, engineers, clerks and citizen leaders, etc.).

This year's workshops have been designed to help local Floodplain Administrators administer and enforce the flood

damage prevention ordinance so that any new floodplain development will have a degree of protection against flooding.

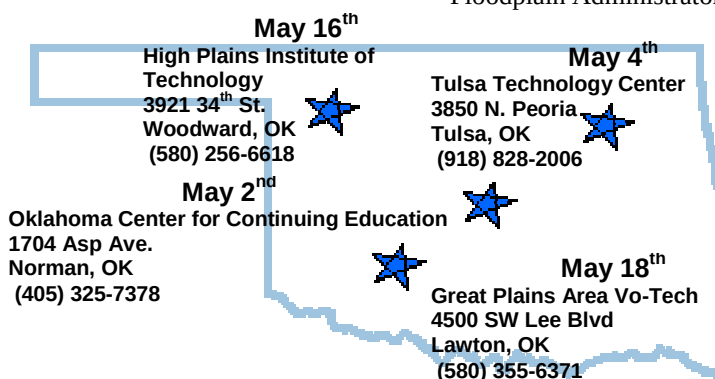
Continuing Education

Credits – OFMA and the OWRB will award 3 Continuing Education Credits (CECs) for attending the workshops and presents an excellent opportunity for part-time Floodplain Administrators to take a one-day refresher course to become updated on the latest issues in

floodplain management and the NFIP.

Registration – The OWRB Floodplain Administrators' Workshops are free, but pre-conference registration is requested for facilities planning purposes. You may register by phone by contacting Rhonda Kouba, OWRB at (405) 530-8800.

Funding – Funding for the Workshops is provided, in part, by the Federal Emergency Management Agency (FEMA), and the National Flood Insurance Program (NFIP).



Helpful Web Sites

OFMA	www.okflood.org
ASFPM	www.floods.org
OWRB	www.state.ok.us/~owrb
FEMA	www.fema.gov
Corps of Engineers	www.swt.usace.army.mil
EMI Independent Study	www.fema.gov/home/emi/ishome.htm
Advanced Study Institute	http://web.uccs.edu/geogenvs/NATOASI

FEMA/NFIP OKLAHOMA FLOOD FORUM

Public Officials, Insurance Agents,
Real Estate Agents, Lenders,
Floodplain Managers

One-Day Workshop for Southwestern Oklahoma
Area Professionals
May 24, 2000
Great Plains Area Vo-Tech Center
4500 West Lee Blvd., Lawton, OK
Information: NFIP Region VI (281) 829-6880

Membership Directory Changes

Y.S. Ramachandra
28012 Marquerite, Apt. D
Mission Viejo, CA 92692

New OFMA Members

The Oklahoma Floodplain Managers Association congratulates and welcomes its newest members:

Mr. Alvin L. Hong, Svc. Hydrol.
National Weather Service
10159 E. 11th St., Suite 300
Tulsa, OK 74128
(918) 832-4115 Fax: 832-4101
e-mail: al.hong@naaa.gov

Mr. Greg Skinner
Cornerstone Surveying
2278 Industrial Blvd., Suite 103
Norman, OK 73069
(405) 364-0380

OFMA to Propose Mandatory Training of Floodplain Administrators

OFMA is considering recommending to ASFPM and FEMA that all Floodplain Administrators be required to complete the basic Floodplain Management course. We are soliciting your thoughts and opinions on the subject, for it may be controversial.

Presently there are no training requirements for Floodplain Administrators of NFIP communities.

NFIP communities are required to construct new buildings so they are reasonably safe from flooding. NFIP communities must adopt very detailed and complex regulations that make reference to many different official documents, including the CFR, Clean Water Act, wetlands regulations, and state laws. Many people who have been involved in floodplain management for many years, and have completed many courses, still find it difficult and challenging to administer the program at the local level and keep abreast of the program changes.

OFMA, the OWRB and FEMA make every effort to afford opportunities for the training of Floodplain Administrators, yet many communities' floodplain administrators have never attended any training. It is little wonder that there are so many compliance issues across the nation.

Unless the membership feels differently, OFMA has every intention of moving this issue to the top of the national agenda.

You may express your opinion by writing or calling:

Oklahoma Floodplain Managers Association

P.O. Box 8101

Tulsa Ok 74101-8101

Oklahoma Among Nation's Top Disaster Aid Recipients

Due to a record number of declared disasters last year, FEMA's obligations to the states for assistance after a declared disaster topped \$1.15 billion in calendar 1999.

North Carolina, which took the brunt of Hurricane Floyd last fall, was the largest beneficiary of federal disaster aid, totaling some \$319 million.

Oklahoma got the second largest amount of FEMA aid last year, \$102 million, as a result of tornadoes, flooding and severe storms last May. Funding included \$41 million in public assistance, \$34 million in mission assignments and \$10 million in hazard mitigation grants. The hazard mitigation grants went primarily to cost-share with homeowners in building FEMA approved "Safe Rooms."

NEXT ISSUE:

**All about the new required
FEMA Elevation Certificate**

FEMA HOME STUDY COURSE AVAILABLE

Many local Floodplain Administrators find it difficult to be away from their community responsibilities for the 5 days required to take the "Managing Floodplain Development Through the National Flood Insurance Program" course.

FEMA has developed a Home Study Course that covers the same material as the 5 day class. Continuing Education Credits are awarded to those completing the class.

Contact:

**Mary Leslie
Emergency Management
Institute
Emmitsburg, MD
(301) 447-1475**

Governor is Newest OFMA Member

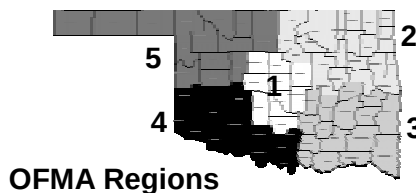


Oklahoma Governor Frank Keating is presented with his OFMA membership certificate by OFMA Chair, Ron Flanagan. Others attending the ceremony in the Governor's Office were, l to r, Dorothy Martinez, NFIP, Lonnie Ward, FEMA, Joe Remondini, USACE, Albert Ashwood, Director, ODCM, Carolyn Schultz, USACE, and Ken Morris, OWRB.

Governor's Office, Oklahoma City- Governor Frank Keating, was recently recognized for his outstanding service in promoting floodplain management awareness. He was made a member of the Oklahoma Floodplain Managers Association. Governor Keating has brought flood and severe weather awareness to the public's attention by issuing several proclamations: the month of March as **Flood Insurance** and **Severe Weather Awareness Month**, March 5-11 as **Tornado Preparedness Week**, March 12-18 as **Flash Flood Safety Week**, March 19-25 as **Lightning and Severe Storm Awareness Week**, and the month of May, 2000 as **Flood Awareness Month**.

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 \$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: _____

Detach and Mail To:

OFMA

P.O. Box 8101

Tulsa, OK 74101-8101

Category Affiliation(s): _____

New Member: ☐ Renewal: ☐

Region (see map): 1 2 3 4 5

Categories:

- | | |
|--------------------|---------------------------|
| A. Mitigation | B. Floodplain Regulations |
| C. Flood Insurance | D. Mapping & Engineering |
| E. Flood Proofing | F. Stormwater Management |
| G. Research | |

Dues Schedule

First-Year dues are prorated depending on the quarter during which you join. Fiscal year is October 1 – September 30.

	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
Full Membership	\$20.00	\$15.00	\$10.00	\$5.00
Student Membership	10.00	7.50	5.00	2.50
Associate Membership	15.00	11.25	7.50	3.75
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



National Flood Insurance Program PUBLIC INFORMATION AND EDUCATION MATERIALS FOR FLOODPLAIN MANAGERS

The Federal Emergency Management Agency (FEMA) and the National Flood Insurance Program (NFIP), have a wealth of free informational materials on all aspects of Floodplain Management and Flood Insurance. These are materials that every Oklahoma Floodplain Manager should have a supply of for citizens and to hand out at public meetings. Some communities have set up publications display stands at City Hall, libraries, and other public facilities. **To order contact the FEMA Distribution Center: P.O. Box 2012, Jessup, MD 20794-2012 Phone: 1 (800) 480-2520 Fax: (301) 362-5335**

STUFFERS

- F-006 I Never Thought It Could Happen To Me
- F-061 Your Homeowner's Insurance Doesn't Cover Floods.
- F-078 Worst Guest List of 1999
- F-090 Notice: This Policy Does Not Cover Flood Loss.
- F-110 Attention: Lenders and Servicers
- F-216 Benefits of Flood Insurance vs. Disaster Assistance.
- F-318 You Can't Prevent a Flood
- F-319 Weather Patterns Are Changing
- F-423 Never Saw It Coming

BROCHURES

- F-029 Condominium Coverage
- F-073 The Choice Is Yours
- F-080 Nothing Could Dampen the Joy of Home Ownership.
- F-207 Who is At Risk for Flooding?
- F-208 Things You Should Know About Flood Insurance.
- F-208 Flood: Are You Protected from the Next Disaster?
- F-300 How You Can Benefit from the New Increased Cost of Compliance (ICC) Endorsement.

INFORMATION SHEETS

- F-001 What You Need to Know About Federal Disaster Assistance and Federal Flood Insurance.
- F-002 Myths and Facts About the NFIP
- F-025 How the NFIP Works
- F-068 Top 10 Facts Every Agent Needs to Know About the NFIP.

- F-217 Here's What to Tell Your Clients About Flood Insurance.
- F-301 Top 10 Facts Every Consumer Needs to Know About the NFIP.

SAMPLE PACKAGES OF:

- F-026 Posters
- F-027 Cover America Ad Slicks
- F-028 Counter Cards
- F-425 VISA Artwork

BOOKLETS

- F-084 Answers to Questions About the NFIP.
- F-108 Guide to Flood Maps
- F-0323 Weather Patterns Are Changing, and So Are Your Chances of Being Flooded.

POST-FLOOD MATERIALS

- F-206 Coping With A Flood—Before, During and After.
- F-210 Tips on Handling Your Flood Insurance Claim.

LENDER MATERIALS

- F-058 Notice: This Loan Requires Flood Insurance (Sticker).
- F-083 Mandatory Purchase of Flood Insurance Guidelines (Booklet).
- F-141 Resources for Lenders, Servicers & Examiners (Brochure).
- F-215 Top 10 Facts Every Lender Needs to Know About the National Flood Insurance Program.

Note: Some materials are also available in Spanish.

Profile: OFMA Vice-Chair: ANNA WAGGONER

Code Enforcement, Woodward

Anna Marie Waggoner, CFM, is the 1999-2000 Vice-Chair and Member of the Board of Directors of the Oklahoma Floodplain Managers Association.

If you don't recognize the name of Anna Waggoner, it's because our (former) Anna Lee, loyal OFMA worker, was married on April 14, to Tommy Waggoner in a private ceremony in Eureka Springs, Arkansas.

Anna Waggoner has worked for the City of Woodward since 1995, serving as Floodplain Administrator, GIS Manager, and secretary to Code Enforcement. She has been active with the Oklahoma Floodplain Managers Association and has served on the OFMA Board of Directors since 1996 as the Region 5 (Northwest Oklahoma) Representative. Anna is a Certified Floodplain Manager (CFM), and was elected OFMA Vice-Chair in 1999.

Anna will be living in Woodward with her new husband, who is the Foreman of the South Water Field for the City of Woodward.



OFMA's Fall Conference to offer MUNICIPAL STORMWATER MANAGEMENT TRACK

OFMA's Fall Conference, Sept. 25-28, 2000, to be held at Lake Texoma, will feature a new concurrent track for Municipal Stormwater Management, in addition to Floodplain Management, Geographic Information Systems, and Flood Hazard Mitigation. With these four courses, Oklahoma Floodplain Managers should have the necessary skills, education and training to face the difficult job of local Floodplain Administrator.

The Municipal Stormwater Management Course will cover Principles of Stormwater Management; Floodplain Management History and Watercourse Law; The Planning Process; Comprehensive Planning; Master Drainage Planning; Structural and Non-Structural Approaches; Stormwater Detention Ponds; Multi-Objective Planning; Greenways and Trails; Stormwater Utility Fee; and CRS: Beyond the NFIP Minimum Standards.



OFMA'S CORPORATE PARTNERS



 HNTB ARCHITECTS ENGINEERS PLANNERS The HNTB Companies 4500 South Garnett Suite 170 Tulsa, Oklahoma 74116 (918) 485-6262 FAX (918) 485-6000 Construction Services	Smith-Roberts, Inc. Mathew Smith, CEO 2212 NW 50 th St., Ste. 246 Oklahoma City, OK 73112 (405) 840-7094	Meshek & Associates, Inc. Consulting Engineers Janet K. Meshek, P.E., CFM, President 20 W. 2 nd St., Ste 200 (918) 241-2803 Sand Springs, OK 74063 Fax: (918) 241-9245 meshekengr@aol.com
 SWIFT WATER RESOURCES ENGINEERING, LLC 6 East 5th Street • Suite 205 • Tulsa, OK 74103 Mark S. Swift, P.E. President SWIFT1373@BOK.COM FAX 918-582-1381	 Cinnabar Service Company Right Of Way and Land Acquisition Terry Young Director of Personnel (918) 743-0082 (918) 743-0087 FAX 5309 S. Wheeling Ave. Suite 100 Tulsa, OK 74105-6621 www.cscswell.net	R.D. FLANAGAN & ASSOCIATES Planning Consultants RONALD D. FLANAGAN Principal Planner rdflanagan@ionet.net 2600 Corvex, Suite 100 2745 E. Skelly Drive Tulsa, OK 74105 Office (918) 749-2696 FAX (918) 749-2697



The B.F.E.*

* Base Flood Elevation

OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION NEWSLETTER

Volume 2

May 2000

Number 5

MAY FLOODS RAVAGE NORTHERN OKLAHOMA



A Sapulpa flood victim is devastated by flood losses that hit northern Oklahoma.

Mike Simons/Tulsa World

Governor Keating's proclamation of May as Flood Awareness Month anticipated the severe storms and flooding that devastated northern Oklahoma communities for several days, May 5-8, 2000.

The storms damaged over 400 buildings and 260 automobiles in Craig, Creek, McIntosh, Okmulgee, Osage, Pawnee, Wagoner, and Washington counties. Communities reporting hail and/or flood damages include Bartlesville, Bixby, Coweta, Dewey, Glenpool, Jenks, Kellyville, Kiefer, Miami, Sand Springs, Sapulpa, Tulsa, and Vinita.

Hardest hit were Sapulpa (200 homes and 12 businesses) and Sand Springs (126 homes). Tulsa suffered stormwater damages to 135 buildings, due mainly to localized runoff, primarily in garages and a few inches in the houses. Bartlesville was battered by hail that damaged a reported 260 automobiles.

Floodplain Management Success- The storm, which deposited over 7 inches of rain on parts of Tulsa, caused little damage compared to an equivalent storm of June 8, 1974, which caused \$46 million (in 2000 dollars) in damages. (See *Floodplain Management Pays Off*, Page 4).

Need for State Mitigation Funding- The severe storms and resultant damages to small communities throughout the state re-enforce the urgent need for funding of House Bill 1841. Because many of the flooded properties were insured with federal flood insurance, a federal Presidential Disaster Declaration may not be declared. That means that many of the repeatedly flooded buildings will have little alternative but to rebuild in harm's way, and await future damages from the next flood. (See Editorial, *In Harm's Way*, and *Need for H.B. 1841 Funding*, Page 2).

State Disaster Declared by Governor Keating- State and Federal damage assessment teams were touring the damaged areas within days after the storm events. On Monday, May 8, Governor Frank Keating declared Tulsa, Creek, Osage, Wagoner, Pawnee, Okmulgee and McIntosh counties disaster areas. The Governor has submitted a request for a Presidential Declaration to FEMA Director, James Lee Witt. An SBA declaration, which makes low-interest loans available to victims, is expected for Creek County due to the large percentage of uninsured losses.

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EDITORIAL

In Harm's Way Water won't stop running downhill

This Editorial ran in the *Tulsa World*. Because it reflects OFMA's position, and we couldn't put it better, we are reprinting it here for your consideration. The *Tulsa World* is to be commended for its enlightened editorial position.

About 400 Tulsa-area homes were damaged in the weekend floods. Many of those homeowners did not have flood insurance, even though you can bet that many of the homes have been flooded before.

That means taxpayers will help clean up the mess and rebuild, as they have for decades.

This situation screams for some new disaster-response policies, the most obvious of which is: If a house floods repeatedly, remove it. Mother Nature is not going to give up.

Tulsa once experienced a major flood every two to four years—it once led the nation with nine in a fifteen year span. Rarely now are there major flood losses, thanks to a comprehensive stormwater management program.

But even in Tulsa and especially in smaller cities, properties that tend to flood regularly remain in harm's way.

A recent federal analysis of 18 years of National Flood Insurance Program data produced some shocking findings: More than 31,000 properties in 300 communities nationwide amounted to less than 1 percent of all federally insured properties, but received nearly 50 percent (\$1.3 billion) of all

repetitive-loss payments, and 20 percent of all NFIP loss payments during the study period. (A repetitive-loss property is one that has received two or more flood-insurance loss payments of at least \$1,000 within a 10-year period.)

For more than 5,600 repetitive-loss homes, the cumulative flood-insurance payments exceeded the buildings' value—in some cases several times. Added up, these homes were valued at \$307.5 million but received \$416.4 million in insurance payments.

Not surprisingly, Oklahoma did not come out too well in the study, which found that 54 Oklahoma homes have received payments greater than their value. Oklahoma ranked 17th in terms of flood-insurance payments for frequently flooded properties—679 Oklahoma properties received \$25.6 million in federal flood-insurance payments.

New federal regulations limiting the assistance to flood-prone properties will ease this problem. In the long run, this change in philosophy will save millions, if not billions: In the wake of the 1993 Mississippi River floods, many repetitive-loss properties were purchased. Disaster assistance in one Missouri county dropped from \$26 million to only about \$280,000 after a flood two years later, thanks to the acquisition of about 1,400 flood-prone properties.

But local governments have to come up with matching funds to buy these properties. Often, the political will isn't there. When the ground dries up, so does the initiative to pursue long-term solutions.

But someday, the money won't be there, either.

Need for H.B. 1841 Funding

The floods that ravaged northeastern Oklahoma on May 5-8, provide a timely reminder to Floodplain Administrators, local officials, State Representatives and Senators of the urgent need to fund House Bill 1841, Flood Hazard Mitigation. As pointed out in the *Tulsa World* Editorial, reprinted above, only a few repeatedly flooded buildings account for most of the flood damages and federal flood damage insurance payments. Federal flood hazard mitigation funds are available to acquire and remove these tax-draining buildings

after a Presidential Disaster Declaration. But, most small communities lack the resources to provide the required 25% local match to take advantage of the 75% federal buy-out money. When H.B. 1841 is funded, the worse flooded houses could be removed from the floodplain as the opportunity presents itself, disaster declaration or not. Before we waste more tax money and continue the cycle of despair, **we must get H.B. 1841 funded.**

Calendar of Events

June 17-23, 2000: Twenty-Fourth Annual Conference of the Association of State Floodplain Managers (ASFPM), Austin, Texas. Contact: ASFPM, (608) 274-0123; <http://www.floods.org/conf-aus.htm>.

Sept. 24-27, 2000: Annual Fall Conference, Oklahoma Floodplain Managers Association (OFMA), Lake Texoma State Lodge. Contact: OFMA, PO Box 8101, Tulsa, OK 74101-8101; <http://www.okflood.org>.

In Memory of a Great Lady



Carol Kennedy Williams

August 19, 1941 – May 4, 2000

Our lives on earth are measured by the richness of our friendships and our love for those we do not know, but whose lives intersect with our own in unknown ways. By this metric, Carol Williams has lived a life that is rich beyond description.

Umesh Mathur, P.E.

Carol Kennedy Williams was a founding member of the Oklahoma Floodplain Managers Association.

The life of Carol Williams proves the power of the single individual. Her commitment moved mountains. She was a catalyst for monumental progress in floodplain management made by the City of Tulsa and the nation.

Carol, as a spearhead of Tulsans for a Better Community, led citizens in getting their government to take an active role in floodplain management. She was primarily responsible for getting Section 1362 of the flood insurance Act funded, which evolved into the the nation's flood hazard mitigation program.

Perhaps James Lee Witt said it best:

"In my years of work in emergency management, I have seen too much death and destruction. Yet what I remember most is the magnificent flowering of the human

spirit that can rise like a phoenix from disaster. I've seen so much good come from the devastation left by nature. I've seen people reaching out to one another and I've seen hope push away despair. So it is that Carol Williams of Tulsa, Oklahoma, epitomizes the best of that spirit.

Carol was a driving force behind disaster prevention in Tulsa....Every day, we are putting into practice the lessons taught us by visionary local leaders like Carol Williams....We all owe her a debt of gratitude, and remind all of you that her success in life has been overshadowed only by the number of people whose lives she has touched.

James Lee Witt, Director
Federal Emergency Management Agency,
Washington, D.C. April 25, 2000

Note: This issue had intended to focus on the new FEMA Elevation Certificate. However, because of the flooding in northern Oklahoma, the Elevation Certificates will be featured in the June 2000 issue of the BFE.

FLOODPLAIN MANAGEMENT PAYS OFF!

Rainfall in excess of 7 inches over much of northern Oklahoma caused flooding in many of the smaller communities in the Tulsa area. Tulsa, however, escaped with only minor street flooding, and less than 100 wet carpets of 2 inches or less.

A similar storm on June 8, 1974 caused in over \$46 million (in 2000 dollars) in damages. Since then, when Tulsa was proclaimed one of the nation's most flood-prone communities, Tulsa has taken bold steps to solve its flooding problems. Tulsa enacted stringent floodplain regulations exceeding FEMA's minimal national standards, joined the Community Rating System (CRS), and enacted a Stormwater Utility Fee to pay for operations and maintenance of the drainage system.

Tulsa's last major flood event was Memorial Day, 1984. Since then, Tulsa has implemented the recommendations of the 31 basin-wide master drainage plans. The plans recommend solutions to flooding problems on a reach-by-reach basis throughout the community. The recommended solutions include a cost-effective mix of structural (channel improvements and



A south Tulsa stormwater detention facility shown storing floodwaters during the May 5, 2000 flooding.

Tom Gilbert/Tulsa World

stormwater detention ponds) and non-structural measures (acquisition, floodproofing, etc.) to solve existing problems, and stringent enforcement of regulations to prevent future flooding.

The City sends an official notification each year to all buildings located in the floodplain, and has the lowest flood insurance rates in the nation.

To Save Lives

Don't Drive Into High Water

Floodplain Managers across the country have made pretty good progress in protecting property and preventing building in areas subject to flooding. We have yet to make as significant progress in solving the flooding problems of buildings already located in the floodplain. FEMA's new emphasis on hazard mitigation and Repetitive Loss Properties is a sign of real progress.

When it comes to saving lives, we have our work cut out for us, for we have a long way to go.

More people die in automobiles than any other flood-related cause. We identify flood-prone roads, put up warning signs, and even barriers, and people will drive around them into the floodwaters.

During recent flooding in Oklahoma and Missouri, the three flood-related deaths were in automobiles. A Tulsa woman drowned when she drove into high waters, stopped, got out of the car, and was washed into the swollen creek. A St. Clair, Missouri woman died Sunday morning when the car she was in



overturned in water on a washed-out road. Six others in the car escaped death, but were injured. Another person was drowned in his vehicle near Robertsville, MO.

When addressing public groups, remember that public information and education, beginning with the schools, is the best hope for saving lives due to auto-related flooding.

New OFMA Members

The Oklahoma Floodplain Managers Association congratulates and welcomes its newest members.

Rory Hodgson

Environmental Specialist
Hydrologist
State of Oklahoma Department of
Environmental Quality
707 North Robinson
Oklahoma City, OK 73101-8101
(405) 702-8100
Fax: (405) 702-8101
e-mail:
Rory.Hodgson@demail.state.ok.us

Ms. Jennifer Nett

Planning Technician
City of Del City
4517 SE 29th Street
Del City, OK 73155
(405) 671-2831

George "Butch" Scheirer

Director, Community Services
City of Del City
4517 SE 29th Street
Del City, OK 73155
(405) 671-2803

Jeff Byram

City of Edmond
10 South Littler
Edmond, OK 73083
(405) 359-4765
e-mail:
Jeff.Byram@ci.edmond.ok.us

Membership Directory Changes

Janet K. Meshek, P.E., CFM

New e-mail address:
Jmeshek@meshekengr.com

Mathew Smith

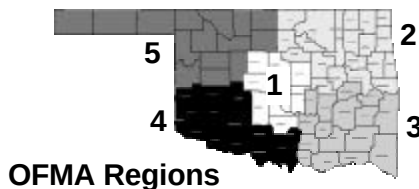
Smith-Roberts, Inc.
25 South Oklahoma Ave., Suite 400
Oklahoma City, OK 73104

"Success is not how much you have, it's how well you manage what you have."

Ben Frizzell, Public Information Officer for the Oklahoma Department of Civil Emergency Management, a very talented and good friend of floodplain management and the State of Oklahoma, passed away Monday, May 15.

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: _____

Detach and Mail To:

OFMA

P.O. Box 8101

Tulsa, OK 74101-8101

Category Affiliation(s): _____

New Member: ☐ Renewal: ☐

Region (see map): 1 2 3 4 5

Categories:

- | | |
|--------------------|---------------------------|
| A. Mitigation | B. Floodplain Regulations |
| C. Flood Insurance | D. Mapping & Engineering |
| E. Flood Proofing | F. Stormwater Management |
| G. Research | |

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Associate Membership	15.00	11.25	7.50	3.75
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





U.S. Army Corps
of Engineers

OFMA's PARTNERS

U.S. Army Corps of Engineers

The U.S. Army Corps of Engineers is the largest and most experienced water resources development and management organization in the world, and one of OFMA's most important partners.

The Corps provides valuable assistance and services not only to floodplain managers and communities throughout the state, but to OFMA as well. Joe Remondini, P.E., CFM, Project Manager for Floodplain Management, is a past OFMA Chair, is a member of the Corps' National Floodproofing Committee and serves as floodproofing technical advisor to OFMA. Carolyn Schultz, CFM, Planning Branch, is OFMA's Treasurer, serves on the Professional Development and Certification Committee, maintains the membership data base, and makes sure that the day-to-day business of OFMA is taken care of.

Requesting assistance is as simple as calling Joe or Carolyn about your needs. A letter should describe the location, nature, and extent of the problem.

A summary of programs and services is provided below:

General Investigation Studies are specifically authorized and funded by Congress to address water resource problems, and are usually conducted in Reconnaissance and Feasibility phases.

Partners for Environmental Progress allows the Corps, under the Energy and Water Development Appropriations Act, to conduct market feasibility studies for water supply, treatment, and distribution; financial analysis; and sewage collection and treatment. Local sponsors may include small and/or disadvantaged communities, county, local and state governments, water and sewer districts, and other public entities on a 50-50 cost share basis.

Continuing Authorities Program addresses such needs as reducing flood damage, clearing streams of debris, and erosion control on a cost-shared basis.

Section 206-Floodplain Management Services authorizes the Corps to support comprehensive floodplain management planning and to provide expertise and guidance to all private sector, local, state and federal entities.

Section 22-Planning Assistance to States provides state, local and Native American tribal governments access to funding and engineering expertise for water and water-related land studies.

Section 208-Snagging and Clearing for Flood Control allows the Corps to evaluate, plan and design the clearing of a channel of vegetation and debris. The local sponsor is responsible for 35% to 50% of implementation costs. Operation and maintenance of the completed project is the responsibility of the sponsor.

Section 14-Emergency Streambank Protection prevents damage to highways, bridge approaches, municipal water supply systems, sewage disposal plants, or other public facilities. Projects may include construction, repair, restoration, or modification of emergency streambank structures.

Section 205-Flood Damage Reduction allows the Corps to study,

design and construct local protection projects, including levees, floodwalls, stormwater detention, channel improvements, and removal of structures from the floodplain.

Section 1135- Environmental Restoration provides a program to environmentally restore or modify a project constructed by the Corps. The restoration plan, feasibility study, and plans and specifications are generally funded by the federal government. Implementation is on a 75% federal and 25% local cost share. O&M are non-federal responsibility.

Rivers and Harbors Act of 1899, Section 10 gives the Corps regulatory authority over any activity that could affect the course, location, condition, or capacity of navigable waters of the United States.

The Clean Water Act, Section 404 gives the Corps regulatory authority over discharges of dredged or fill materials into the waters and wetlands of the United States, including lakes, playa lakes, rivers, streams and wetlands.

For more information, visit the Corps' Website:
<http://www.swt.usace.army.mil/permits/permits.cfm>

**U.S. Army Corps of
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Tulsa District
Planning Branch
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Tulsa, OK 74128-4629
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Fax: (918) 669-7546**

Profile: OFMA Treasurer

Carolyn Schultz, CFM

Planner, U.S. Army Corps of Engineers, Tulsa District

Carolyn Schultz, CFM, is OFMA's Treasurer, Member of the Board of Directors, and backbone of the organization

In every organization there is one person that makes everything work. At the ASFPM that person is Dianne Watson, and in OFMA she is Carolyn Schultz.

Professional Responsibilities-Ms. Schultz works in Floodplain Management Services, U.S. Corps of Engineers, Tulsa District, and has over 18 years experience in floodplain management. She attended Tulsa Junior College and Northeastern Oklahoma State University, and earned her Associate Degree in Civil Engineering.

Carolyn is involved in the development of floodplain, flood protection, and flood insurance study information throughout the district. She is currently responsible for conducting flood insurance studies. She consults with state and local government officials, other federal agencies, and concerned citizen groups.

OFMA Volunteerism- Ms. Schultz is a Certified Floodplain Manager (CFM), currently serves as OFMA's Treasurer, a member of the OFMA Board of Directors, and a member of the Professional Development and



OFMA's Treasurer Carolyn Schultz, CFM.

Certification Committee for certification of Floodplain Administrators. Carolyn maintains the membership and certification database, and keeps track of members' Continuing Education Credits.

Personal- Carolyn is married and lives with her husband Mike in Mannford. Her son, Kelly attends the University of Oklahoma.



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May 2000

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Oklahoma Floodplain Managers Association 1999-2000

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The B.F.E.*

* Base Flood Elevation

OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION NEWSLETTER

Volume 2

June 2000

Number 6

OFMA Targets May For Flood Management Training



During May, "Flood Awareness Month," scores of Oklahoma insurance, real estate, and lending professionals and public officials attended one of many floodplain management educational and training opportunities.

Several agencies sponsored the training, including the Oklahoma Floodplain Managers Association (OFMA), the Oklahoma Water Resources Board (OWRB), the Oklahoma Department of Civil Emergency Management (ODCEM), FEMA and the NFIP and the City of Lawton. They cooperated in providing five excellent professional floodplain management courses conveniently located around the state. OFMA has placed added emphasis on training and professional development for members and floodplain administrators. Continuing Education Credits (CECs), were awarded to all participants who completed the training.

Oklahoma Flood Forum, the first training session targeted at all professionals involved in floodplain management—insurance, real estate, lenders, public officials and floodplain managers—was held in Lawton on May 24. (See *Flood Forum*, Page 2).

OWRB Floodplain Management Workshops were held in four convenient and easily accessible locations—Tulsa, Lawton, Woodward and Norman. (See *OWRB*, Page 3). Dignitaries attending the training included federal, state and local officials.

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Insurance Commissioner
Carroll Fisher Addresses
Oklahoma Flood Forum

ASFPM 2000 Annual Conference Austin, Texas

The 24th Annual Conference of the Association of State Floodplain Managers (ASFPM), OFMA's national parent organization, will be held in Austin, Texas, June 18-23, 2000.

A New Beginning in a New Millennium, floodplain management 2000 and beyond, is the theme and focus of the conference.

The annual ASFPM conference is the Mecca for professional floodplain managers. The best flood management minds in the nation present papers, and affords an excellent opportunity to meet and network with other flood management professionals. (See ASFPM, Page 6).

Oklahoma Flood Forum Brings Insurance, Real Estate, Lenders, Public Officials Together

The Federal Emergency Management Agency (FEMA), the National Flood Insurance Program (NFIP), OFMA, the Oklahoma Department of Civil Emergency Management (ODCEM), and the City of Lawton hosted the first of the *Oklahoma Flood Forum* in Lawton on May 24th.

The conference focused on the latest flood insurance issues, and was designed for insurance agents, lending institutions, realtors, public officials and floodplain administrators. The morning plenary session featured presentations by experts and dignitaries. The session was moderated by Ron Flanagan, OFMA Chair, and included a welcoming address from Lawton Mayor Cecil Powell and City Manager Bill Baker. Presentations were made by Buddy Young, Director, FEMA Region VI, Albert Ashwood, Director, ODCEM, Frank Pagano, FEMA Region VI Mitigation Director, Dale Baze, Oklahoma Real



R.L. "Buddy" Young, FEMA Region VI Director, addresses Plenary Session



Dale Baze, Oklahoma Real Estate Commission Director of Education and Training, cites need for Flood Insurance Training and Education for

Estate Commission Educational Director, and Oklahoma Insurance Commissioner, Carroll Fisher.

The highlight of the conference was when both Dale Baze and Commissioner Fisher committed to making flood insurance an integral part of their required training for insurance and real estate agents.

The afternoon training was designed to focus on the information needed by those involved in those professions impacted by floodplain management. Individual breakout sessions were provided for Real Estate Agents, Lenders, Insurance Agents, and Public Officials and Floodplain Administrators. The classes were taught by Diana Herrera and Dorothy Martinez, NFIP, Region VI, Houston; Sonja Wood, NFIP, Region VII, Kansas City; Ken Morris and Hank Elling, OWRB; and Fred Liebe, ODCEM.

The Oklahoma Flood Forum was a pilot project to see if there was any advantage to getting all of the various players in floodplain management together to share information, and hear the ideas and concerns of others involved in the National Flood Insurance Program.

Due to the success of the training, and the positive response of the insurance, real estate, and lending professionals, and public officials and floodplain administrators, similar Flood Forums will likely be held in Tulsa and Oklahoma City.

Calendar of Events

June 18-23, 2000: Twenty-Fourth Annual Conference of the Association of State Floodplain Managers (ASFPM), Austin, Texas. Information, Contact: ASFPM, (608) 274-0123; <http://www.floods.org/conf-aus.htm>

Sept. 13-15, 2000: Oklahoma Municipal League Conference and Exposition, Tulsa Convention Center, Tulsa, OK. Information, Contact: OML, (405) 528-7515

Sept. 24-27, 2000: Oklahoma Floodplain Managers Association (OFMA), Annual Fall Conference, Lake Texoma State Lodge. Contact: OFMA, PO Box 8101, Tulsa, OK 74101-8101; <http://www.okflood.org>

OWRB's Floodplain Management Training Covers the State

The annual May training for Floodplain Administrators conducted by the Oklahoma Water Resources Board, ODCEM, FEMA and OFMA, were held in Norman, May 2, Tulsa, May 4, Woodward, May 16, and Lawton, May 18, 2000. The sessions were attended by 77 Floodplain Managers and public officials from throughout the state.

Speakers and presenters for the sessions included Ken Morris, CFM, OWRB; Hank Elling, CFM, OWRB; Lonnie Ward, CFM, FEMA; Fred Liebe and Putnam Reiter, ODCEM; and Sonja Wood, NFIP, K.C., MO.

Norman Training was attended by: Byron Benham, Blackwell; Marsha Blair, Slaughterville; Donald Box, Lexington; Jason Brinley, Enid; Steve Finnell, Washita Co.; Max Gerber, Kingfisher Co.; Jack Graham, Kingfisher; Barbara Hall, OKC; Sue Henderson, Bethany; David Heringer, OKC; Rhonda Kouba, OWRB; C.M. Lin, SWODA; Eathel Moring, McClain Co.; Jennifer Nett, Del City; Caarl Richey, Canadian Co.; Butch Scheirer, Del City; Peter Seikel, McLoud; Sandi Smith, Ada; Lynne Stevenson, Canadian Co.; Dale Thompson, Grady Co.; and Troy Tinnin, Purcell.

Tulsa Training was attended by: Kurt Baker, Sand Springs; Loyd Bell, Jenks; Gavin Brady, OWRB Tulsa; Janet Brock, Tulsa; Billie Joe Collins, Claremore & Rogers Co.; T.J. Davis, Sand Springs; Jeremy Dempster, Grand Gateway EDA; John Everett, US Infrastructure, Inc.; Ron Flanagan, R.D. Flanagan & Associates; John Harrington, ACOG; Annette Henderson, Dewey; Alvin Hong, National Weather Service; Greg Kirby, Broken Arrow; Pat Lynam, Delaware Co.;

Gary McCormick, Tulsa; John McElhenney, INCOG; Garrett Miller, Broken Arrow; Mike Pattison, Osage Co.; Bob Patton, FEMA DAE; Linda Reed, Grand Gateway EDA; Greg Sharp, Muldrow; Janeen Stuart, Osage Co.; George Truitt, Hulbert; Nancy Wade, Bartlesville; Terry West, Tulsa Co.; and Tim White, Tulsa.

Woodward participants included: Richard Adams, Cheyenne; J.M. Dowell, Woodward Co. Conservation Dist.; Peggy Dunlap, Beckham Co.; Darrell Dupree, Custer Co.; Raymond Ford, Custer Co.; Mayor Chris Hooley, Lahoma; Tracy Jividen, Taylor & Assoc.; J.M. Kelley, Custer Co.; David Large, Garfield Co.; Gary

Leonard, Cheyenne; Alfred Miller, Washita Co.; Keith Nixon, Lahoma; Bob Pratt, Weatherford; Mary Schiffner, Lahoma; Jason Shiever, OWRB; Marvin Stewart, Beckham Co.; Norman Taylor, Watonga; and Anna Lee Waggoner, Woodward;

Lawton Training was attended by: Don Bell, Goldsby; Linda Delamare, FEMA; Debbie Dollarhite, Robert Eastman, El Reno; David Kuntz, Comanche Co.; Robert McCain, Anadarko; Benito Ramirez, Cache; Maurice Spann, El Reno; JoAnn Stranahan, Walters; Bill Teter, Drumright; and Harvey Thomason, Snyder;

Continuing Education Credits were awarded to all participants

completing the OWRB Workshops. OFMA maintains a data base of all Continuing Education Credits (CECs) earned by Certified Floodplain Managers and by all those attending OFMA sponsored training. Certified Floodplain Managers must have at least 16 Continuing Education Credits every two years.



FEMA's Frank Pagano, and Director Buddy Young, State NFIP Coordinator Ken Morris, and ODCEM Director Albert Ashwood discuss need for floodplain management training.



In Loving Memory of

Ben Frizzell

Ben Frizzell was the Best!

Ben Frizzell, 47, public information officer for the Oklahoma Department of Civil Emergency Management (ODCEM), and one of the nicest men you'll ever know, died of an apparent heart attack Monday, May 15, at his home in Norman.

Ben was a true friend, and was deeply committed to floodplain management. He would gladly help anyone prepare press releases or

develop public information and education programs about flooding. Ben was never too busy to help.

Prior to joining ODCEM he served with FEMA, taught at EMI in Emmitsburg, and was awarded the Meritorious Service Award. Ben worked for many years in radio and television, including NBC, ABC, CBS, and Fox. His like will not soon pass this way again. God Bless You, Ben.

FEMA's New Elevation Certificate

The Elevation Certificate is a basic and important tool in the administration of the National Flood Insurance Program (NFIP). The NFIP requires participating communities to adopt a floodplain management ordinance to reduce future flood losses.

One of the requirements is that the community "obtain the elevation of the lowest floor (including basement) of all new and substantially improved structures, and maintain a record of all such information." The Elevation Certificate is used to provide the necessary information to ensure compliance with the local community floodplain management ordinance, to determine the proper flood insurance premium rate, and to support a request for a Letter of Map Amendment (LOMA) or Revision (LOMR).

New Elevation Certificate- The Federal Emergency Management Agency (FEMA) has promulgated a new Elevation Certificate (FEMA Form 81-31) to replace the one that has been in use since 1990.

For more than a year, FEMA has been compiling comments on the proposed Elevation Certificate.

Mandatory use of the new Elevation Certificate by insurance agents for flood insurance policies and by Community Rating System (CRS) communities will be required after October 1, 2000. The date of mandatory use was delayed from January 1, 2000, to allow additional time for training of insurance agents, surveyors, engineers, and floodplain managers.

OFMA has made a special

on eight different building diagrams.

More on the New Elevation Certificate will be provided in the next issue of the *B.F.E.*

Ordering the Form- A copy of the new Elevation Certificate can be downloaded from FEMA's website at www.fema.gov/nfip/forms.htm or www.fema.gov/library/elvinst.htm or ordered from FEMA publications Warehouse at 1-800-480-2520.

Software Available- FEMA

has Elevation Certificate software programs available. Copies may be obtained by calling (317) 848-2898, sending an e-mail to wtrakimas@iso.com or faxing a request to (317) 848-3578. The software is free.

The FEMA Elevation Certificate is one of the basic and important tools of floodplain management

effort to include instruction in the use of the new Elevation Certificate in all training.

Easier to Use- The new Elevation Certificate has several features that will make it easier for surveyors or engineers to certify the elevation information without having to be familiar with the rules and regulations of the National Flood Insurance Program.

Building Diagrams

Required- The new format will require surveyors or engineers to provide the building elevations based

Helpful Web Sites

OFMA www.okflood.org
ASFP www.floods.org
OWRB www.state.ok.us/~owrb
FEMA www.fema.gov
Corps of Engineers www.swt.usace.army.mil
EMI Independent Study www.fema.gov/home/emi/ishome.htm
Advanced Study Institute <http://web.uccs.edu/geogenvs/natoasi>

Oklahoma's Flood Disaster Aid Rejected

President Clinton turned down Gov. Frank Keating's request for a Presidential Disaster Declaration for those suffering flood damages from the May 5-8 flooding in Creek, Tulsa and Wagoner Counties.

Albert Ashwood, state emergency management director, said the flooding represented a marginal case. Declarations are based on the amount of assistance needs.

Ashwood indicated that flood insurance on many structures reduced the level of need for federal relief. About half of the 138 damaged buildings in Sapulpa had flood insurance. Of those, eight were destroyed, and 51 suffered major damage. The lack of disaster assistance placed small communities, like Sapulpa, in a financial bind. Again, this reinforces the need to have state funding for HB 1841, Hazard Mitigation.

Membership Directory Changes

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stuart.chai@ci.okc.ok.us
PW_URL: <http://www.ci.okc.ok.us/pw/index.html>

New OFMA Members

OFMA congratulates and welcomes its newest member:

Arthur (Art) Kruger

Owner, Kruger Properties
3808 NW Ferris Ave.
Lawton, OK 73505-8288
(580) 355-8288

2000/2001 Membership and Certification Renewal

OFMA Memberships expire on September 30, 2000. New memberships for 2000/2001 are valid from October 1, 2000 through September 30, 2001. The cost of a year's membership is still \$20.00.

You are encouraged to renew your OFMA membership early. Our goal is to have 300 members this year. If you are a Floodplain Administrator, or a floodplain management professional, you are encouraged to join OFMA, your professional association.

Certified Floodplain Manager (CFM)

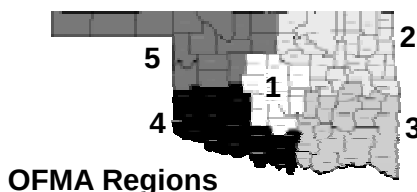
renewals are also due by September 30, 2000. Annual renewal fee is \$15.00. Applications and renewal instructions and required documentation can be obtained from the OFMA Web Site at: www.okfloods.org

All CFMs must be a member of OFMA. If a CFM fails to submit a renewal application, he/she will be required to complete a new application, pay the fees, and retake the test. **Renew now!**

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 \$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: _____

Detach and Mail To:

OFMA

P.O. Box 8101

Tulsa, OK 74101-8101

Category Affiliation(s): _____

New Member: ☐ Renewal: ☐

Region (see map): 1 2 3 4 5

Categories:

- | | |
|--------------------|---------------------------|
| A. Mitigation | B. Floodplain Regulations |
| C. Flood Insurance | D. Mapping & Engineering |
| E. Flood Proofing | F. Stormwater Management |
| G. Research | |

Dues Schedule

First-Year dues are prorated depending on the quarter during which you join. Fiscal year is October 1 – September 30.

	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
Full Membership	\$20.00	\$15.00	\$10.00	\$5.00
Student Membership	10.00	7.50	5.00	2.50
Associate Membership	15.00	11.25	7.50	3.75
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's Partners

Association of State Floodplain Managers (ASFPM)

The **Association of State Floodplain Managers, Inc. (ASFPM)**, is OFMA's parent national organization and is the most important and influential organization advocating wise use of the nation's floodplains.

The ASFPM is an organization of over 3,000 professionals involved in floodplain management, flood hazard mitigation, the National Flood Insurance Program, and flood preparedness, warning and recovery.

The ASFPM has become a respected voice in floodplain management practice and policy in the United States because it represents the flood hazard specialists of local, state, and federal government, the research community, the insurance industry, and the fields of engineering, hydrologic forecasting, emergency response, and water resources.

Major programs and accomplishments of the ASFPM include:

Partnerships with other national organizations, such as the National Wildlife Federation, the Association of State Wetland Managers, U.S. Army Corps of Engineers, U.S. Geological Survey, etc., to promote mutual goals to improve floodplain

managers. Oklahoma, New Mexico and Arkansas have accreditation programs, and Texas is in the process of developing theirs.

Bimonthly newsletters *News & Views* and *Insider*, keep members abreast of floodplain

management issues and happenings around the nation.

National Directory of Floodplain Managers contains contact information for those involved in floodplain management nationally and abroad.

Committees include 32 areas of professional interest, such as National Mitigation Policy, Multi-Hazards Mitigation, Floodplain Regulations, etc.

For more information, contact:

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Madison, WI 53713
(608) 274-0123

Website: www.floods.org

Email: asfpm@floods.org

It is the mission of the Association of State Floodplain Managers to mitigate the losses, costs, and human suffering caused by flooding; and to protect the natural and beneficial functions of floodplains.

management in the nation.

Annual National Floodplain Management Conference- The 24th Annual Conference is to be held in Austin, Texas, June 18-23, 2000. The annual conference provides an opportunity to keep abreast of the latest thinking in the field..

Certified Floodplain Manager Program offers national certification of floodplain

Annual Floodplain Notification

One of the most important elements of a successful floodplain management program is public information and education.

Public identification and awareness of the floodplains and their location in the community is critical if lives and property are to be protected from flooding.

Oklahoma has two excellent examples of successful floodplain notification programs. The **City of Tulsa** and the **City of Lawton** have instituted annual floodplain notification programs. An official notice is mailed to all floodplain residents, informing the public of the flood hazard,

availability of Flood Insurance, flood safety actions to be taken before, during and after a flood, and helpful phone numbers to call for more information. The brochures also include a generalized floodplain map.

Tulsa's floodplain resident flood insurance participation rate is twice the state and national average.

Profile: OFMA Chairman

Ron Flanagan, CFM

Planning Consultant R.D. Flanagan & Associates

Ron Flanagan, CFM, is OFMA's 1999-2000 Chairman, B.F.E. Editor, and member of the Professional Development and Certification Committee.

Ronald D. Flanagan, CFM, is a planning consultant with over 30 years experience in all aspects of land-use and water resources management planning for Federal, State and local governments, private development and non-profit clients. Since 1974 he has specialized in floodplain management.

Ron has served as a flood management consultant to the City of Tulsa since 1976, has worked on numerous basin-wide master drainage plans, planned and designed several award-winning multi-use stormwater detention facilities, and was consultant on the 1984 and 1986 flood recoveries.

Mr. Flanagan's current assignments include consultant on Tulsa's Community Rating System (CRS), Floodplain Notification, Capital Improvements Programming, Repetitive Loss Planning Program, Pre-Disaster Mitigation Planning, and Hazard Mitigation and Acquisition Program. He is also planning consultant on the Mooser Creek Greenway Corridor Study, a multi-disciplinary approach to the preservation of a pristine stream floodplain corridor.

Ron's latest emphasis is the use of floodplains and stream corridors for trail, park, recreation and open-space use. His work on the Arlington, Texas Johnson Creek Corridor won the *Comprehensive Planning Award* from the American Planning Association, and the *Award of Excellence* from the American Society of Landscape Architects. He is also a recipient of FEMA's *Outstanding Public Service Award* for work on Tulsa's floodplain management program. He is a member of the Associ-



OFMA Chair Ron Flanagan, CFM

ation of State Floodplain Managers (ASFPM), and the American Planning Association (APA). He has authored numerous professional papers on multi-objective floodplain management, and is an often invited speaker at professional conferences.

Ron attended the University of Maryland, and graduated from the University of Tulsa. He resides in Tulsa, where he is Principal Planner with his land-use planning firm.



OFMA'S CORPORATE PARTNERS



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The B.F.E.

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Oklahoma Floodplain Managers Association

PO Box 8101
Tulsa, OK 74101-8101

June 2000

Change Service Requested

Oklahoma Floodplain Managers Association 1999-2000

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The B.F.E. is published monthly by the Oklahoma Floodplain Managers Association and is paid for by membership dues. Information and opinions contained herein do not necessarily reflect the view 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 2

July-August 2000

Number 7



Floodplain Management Icons - Dr. Gilbert White, the father of modern floodplain management, and Dr. John Schafer, leader in floodproofing, visit the OFMA exhibit at the national Association of State Floodplain Managers' Annual Conference in Austin, TX, June 2000. (see related stories on pages 2 and 3)

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ASFPM 24th ANNUAL CONFERENCE

FLOODPLAIN MANAGEMENT 2000 AND BEYOND

AUSTIN, TX - JUNE 18-22, 2000



Larry Larson, ASFPM Executive Director, addresses the 733 members attending the Annual Conference in Austin, Texas

The Association of State Floodplain Managers (ASFPM), OFMA's parent national organization held its biggest conference yet. Over 730 floodplain management professionals enjoyed a week of training and networking at Austin's Hyatt Regency on Town Lake.

A bold new national program was announced at the conference, calling for fundamental shifts in national floodplain management policies and programs. The report, *National Flood Programs in Review - 2000*, identifies improvements needed to implement a program which creates "no adverse impacts". The program is long overdue, and is enthusiastically endorsed by OFMA (see related story on page 3).

Diane Calhoun, Albert Halff & Associates, Dallas, was elected to the ASFPM Board of Directors, representing Region VI. OFMA's Ken Morris, Hank Elling, Lonnie Ward, Joe Remondini, Fred Liebe, and Dorothy Martinez taught the 8-hour *Floodplain Management 101* course at the national conference.

OFMA members attending the national conference included OFMA Chair **Ron Flanagan**, Tulsa; State NFIP Coordinator **Ken Morris**, OWRB; Past-Chair, **Paul Zachary**, City of Tulsa; Treasurer, **Carolyn Schultz**, USACE; Region 5 Rep. **Jason Shiever**, OWRB; Past Regional Dir., **Pat Hoggard**, City of Tulsa; **Joe Remondini**, USACE; **Fred Liebe**, ODCM; **Gavin Brady**, OWRB Tulsa; **Hank Elling**, OWRB Lawton; **Kent Wilkins**, OWRB McAlester; and **Lonnie Ward**, FEMA, Region VI.

Calendar of Events

- **Sep 12-14, 2000:** Oklahoma Department of Civil Emergency Management and Oklahoma Emergency Management Assn. Joint fall 2000 conference, Western Hills Guest Ranch (405) 521-2481.
- **Sep 13-15, 2000:** Oklahoma Municipal League Conference and Exposition, Tulsa Convention Center, Tulsa, OK. Information, Contact: OML at (405) 528-7515.
- **Sep 24-27, 2000:** Oklahoma Floodplain Managers Association (OFMA) Annual Fall Conference, Lake Texhoma State Lodge. Contact: OFMA, P.O. Box 8101, Tulsa, OK 74101-8101; <http://www.okflood.org>
- **Jan 8-12, 2001:** OWRB's Floodplain Management through the NFIP; Norman/OU Conference Center. Contact: OWRB, Ken Morris, (405) 530-8800.
- **Mar 7, 2001:** OFMA Spring Training; OU Conference Center. Contact: OWRB, Ken Morris, (405) 530-8800.
- **Mar 21, 2001:** Oklahoma Flood Forum, Tulsa, OK, Real Estate Agents, Lenders, Insurance Agents, Public Officials Contact: NFIP, (281) 829-6880.
- **May 8, 2001:** OWRB Region 1 Floodplain Management Workshop - Norman, OK Contact: OWRB, (405) 530-8800.
- **May 10, 2001:** OWRB Region 2 Floodplain Management Workshop - Tulsa, OK Contact: OWRB, (405) 530-8800.
- **May 22, 2001:** OWRB Region 5 Floodplain Management Workshop - Woodward, OK Contact: OWRB, (405) 530-8800.
- **May 24, 2001:** OWRB Region 4 Floodplain Management Workshop - Lawton, OK Contact: OWRB, (405) 530-8800.
- **May 31, 2001:** OWRB Region 3 Floodplain Management Workshop - McAlester, OK Contact: OWRB, (405) 530-8800.

INSURANCE COMMISSIONER FULFILLS PROMISE FOR FLOOD INSURANCE TRAINING



Oklahoma Insurance Commissioner
Carroll Fisher

Oklahoma Insurance Commissioner Carroll Fisher, speaking at the Oklahoma Flood Forum held in Lawton, promised to make flood insurance part of the training for insurance agents in the state. As a result of the flood event around the Tulsa Area in May, several public meetings were held in Sand Springs, Sapulpa and Coweta. Questions were brought forth in these meetings regarding flood insurance training for insurance agents and adjusters.

True to his word, Commissioner Fisher invited the National Flood Insurance Program, Region VI, to participate in Oklahoma Continuing Education Day 2000 co-sponsored with the Independent Insurance Agents of Oklahoma (IIAO) to be held on Wednesday, August 16 at the University Center at the University of Central Oklahoma in Edmond, OK.

For more information contact the IIAO at (405) 840-4426

A New Floodplain Management Vision:

ASFPM's "No Adverse Impact Floodplains"

The Association of State Floodplain Managers (ASFPM) has developed a bold, new policy agenda that calls for fundamental shifts in national policies and programs for coping with flood losses and managing floodplain resources of the nation. Since the early 1900's, flood damages have increased sixfold, and now approach \$6 billion annually.

The Association of State Floodplain Managers (ASFPM), OFMA's Parent national organization, met in Austin, TX for their annual conference, and released their "National Flood Programs in Review - 2000" a major policy document that outlines several innovative approaches to reducing the staggering costs of flood damage. The heart of the report recommends that federal, state and local planning authorities adopt a new policy that reduces the impact of development in the Nation's Floodplains.

In conjunction with the reports release, the ASFPM is adopting a five-year strategy to work towards implementation of the needed changes. The first year will focus on two goals which OFMA has adopted as primary objectives:

1. **Fostering local and individual responsibility** and capability for flood problems, and
2. **Training and Education** for the public and professionals.

Lisa Holland, chair of the ASFPM, said "Many citizen's have developed an unhealthy reliance on federal tax dollars to solve their flooding problems. We have developed a complacency which is partly due to federal flood control projects and disaster relief programs." The ASFPM's position, said Holland is that since virtually all land use decisions are locally based, floodplain management and disaster mitigation must also be locally driven.

"The only way we will ever escape from continually increasing flood damage costs is for **local planning agencies to take accountability for their actions**" she said. Flood experts have found that **communities following current national floodplain development standards experience increased flooding and flood**

damages. The association's major recommendation is that flood-prone areas are managed using a "no adverse impact floodplain" planning approach

This means that **no land use development in the watershed could adversely impact other property upstream or downstream, by increasing either flood elevations, or flood velocities.** Exceptions could only be based on requiring comprehensive local plans that ensure that all potential adverse impacts would be properly mitigated to avoid current and future flood damage.

Holistic Approach. The ASFPM and OFMA envision a trend that will result in a sustainable future, one in which floodplains are used only in ways that protect their integrity as enduring ecological systems. In considering how best to achieve sustainable floodplains, the ASFPM has generated a list of changes which are fundamental to moving forward.

The ASFPM sees five principal needs:

1. Foster Responsibility and capability at the individual, local and state levels.
2. Refine policies, programs, and coordination.
3. Assemble and improve necessary data and tools.
4. Enhance education, training, and public awareness, and
5. Assess and evaluate programs.

These action items will be the focus of OFMA and the ASFPM efforts over the next five years of our work with state, and local governments, federal agencies, the insurance industry, developers, legislatures, consultants, and other individual professionals in floodplain management and related fields, and our many other partners in the public and private sectors.

National Flood Programs in Review - 2000 can be obtained by calling the Executive Office of the ASFPM at (608) 274-0123 or by downloading the document at ASFPM's website at www.floods.org, or at OFMA's website at www.okflood.org. The report is 54 pages in length, while the summary is 8 pages.

ASFPM Announces Bold - New National Floodplain Program

New Members

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Mike Hawkins

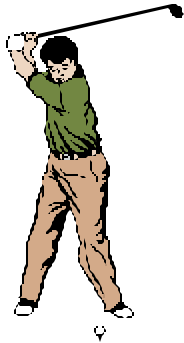
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918-543-2430

Greg Newell

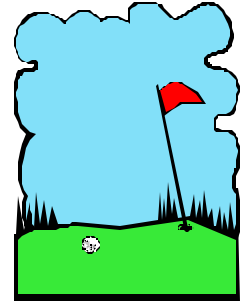
Newell Company & Assoc.
Muskogee County FP Admin
P.O. Box 947
Muskogee, OK 74402
918-687-6425



2nd Annual
**Oklahoma Floodplain
Managers Association**

Golf Tournament

11:00 a.m., Sunday September 24, 2000



Join our 2nd annual 18 hole golf scramble. Come and play the Lake Texoma Golf Course. There will be prizes for men and women. 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.

\$50.00 fee per player includes green fees, shared cart, box lunch and beverage, prizes & surprises. Registration deadline is September 15th. Please make your checks payable to OFMA and mail to P.O. Box 8101, Tulsa, OK 74101-8101.

For any questions, please contact Carolyn Schultz at 918 669-4919 or by e-mail at: Carolyn.Schultz@swt02.swt.usace.army.mil

Name: _____ Telephone Number: _____

Preferred Playing Partner: _____ Handicap: _____

OFMA Membership Renewal

OFMA's membership runs from October 1st to September 30th each year

Our goal is to be a professional organization for floodplain management professionals that provides the latest news, information, training, and education needed to administer the complex requirements of the National Flood Insurance Program at the local level. OFMA also offers certification of professional floodplain managers.

To those ends, OFMA, in conjunction with the OWRB and other local, state, and federal agencies publish a monthly newsletter and provides numerous training opportunities throughout the year. OFMA will also be working closely with the Oklahoma Emergency Managers Association (OEMA) and the Oklahoma Municipal League (OML).

Every local floodplain administrator or professional can benefit from OFMA Membership, and contribute to his/her community and state by reducing loss of life and property due to flooding.

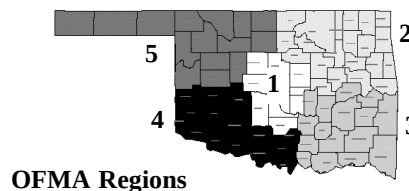
Benefits of membership include :

- Professional organization membership for your profession.
- Monthly Newsletter with the latest information
- Networking with other Floodplain Management Professionals
- Annual Fall 3-day training conference
- Annual Spring Technical Training Workshop
- Resource for needed assistance
- Channel for your voice for changes and improvements in floodplain management
- Testing and Certification for Professional Floodplain Managers
- Annual issue of ASFPM's *News & Views*, national newsletter
- Handsome Membership Certificate for framing
- Membership Directory
- Reduced rates at training workshops and conferences which exceed the cost of OFMA Membership

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
\$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

Category Affiliation(s): _____

New Member: ☐ Renewal: ☐

Region (see map): 1 2 3 4 5

Categories:

- | | |
|--------------------|---------------------------|
| A. Mitigation | B. Floodplain Regulations |
| C. Flood Insurance | D. Mapping & Engineering |
| E. Flood Proofing | F. Stormwater Management |
| G. Research | |

Dues Schedule

First-Year dues are prorated depending on the quarter during which you join. Fiscal year is October 1 – September 30.

	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
Full Membership	\$20.00	\$15.00	\$10.00	\$5.00
Student Membership	10.00	7.50	5.00	2.50
Associate Membership	15.00	11.25	7.50	3.75
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



OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION

10th Annual Fall Training Conference

Floodplain and Stormwater Management: Meeting the Challenge in the New Millennium

Saturday - September 23rd, 2000

1:00 pm - 5:00 pm Board of Directors Meeting

Sunday - September 24th, 2000

11:00 am 2nd Annual Golf Tournament, Texoma Golf Course

Monday - September 25th, 2000

9:00 am - 12:00 pm Conference Registration
 12:00 pm - 1:00 pm Lunch - on your own
 1:00 pm - 1:20 pm Opening Ceremony, OFMA Welcome, Ron Flanagan, Chairman
 1:20 pm - 1:40 pm Albert Ashwood, Director, ODCM
 1:40 pm - 2:00 pm Ken Morris, OWRB, State NFIP Coordinator
 2:00 pm - 2:20 pm Sen. Kevin Easley
 2:20 pm - 2:45 pm R.L. "Buddy" Young, Director, FEMA, Region VI
 2:45 pm - 3:00 pm Break
 3:00 pm - 3:30 pm Carroll Fisher, Oklahoma State Insurance Commissioner
 3:30 pm - 4:00 pm Community Rating System (CRS), Bill Baker
 4:00 pm - 4:30 pm Project Impact, Ann Patton
 4:30 pm - 5:00 pm Breakout Sessions Overview
 5:00 pm - 6:30 pm Free Time / Chairman's Reception, Wine & Cheese Social
 6:30 pm - ??? Vendor's Social—Music of Hank Elling and Buddy Young

Tuesday - September 26th, 2000

7:00 am - 9:00 am 9:00 am - 9:30 am 9:30 am - 10:00 am 10:00 am - 10:45 am 10:45 am - 11:00 am 11:00 am - 11:30 am 11:30 am - 12:00 pm 12:00 pm - 1:30 pm 1:30 pm - 2:00 pm 2:00 pm - 2:30 pm 2:30 pm - 3:00 pm 3:00 pm - 3:15 pm 3:15 pm - 3:55 pm 3:55 pm - 4:30 pm 4:30 am - 5:00 am 5:00 pm - 6:00 pm 6:00 pm - ???	Breakfast / OFMA Business Meeting / Election of Officers for 2000/2001 Break <u>Basic Floodplain Management</u> Intro to NFIP/FP Management Floodplain Management in Oklahoma Regulatory/Enforcement Flood Insurance 1 Flood Insurance 2 BFE Determinations Map Revisions / Requests Substantial Damage / Repetitive Loss Hazard Mitigation Flood Proofing Techniques Awards Banquet/Entertainment - Bill "Shorty" Bishop; Cowboy Poet	<u>Advanced Municipal</u> Intro to Municipal Stormwater Management Floodplain Management Principles, History, Law Watershed Management Planning Stormwater Utility Financing Multi-Objective Planning Water Quality / Sediment Control Stormwater Detention Beyond NFIP/No Adverse Impact Community Rating System (CRS) Public Information & Education
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BREAK

LUNCHEON—GUEST SPEAKER

BREAK

FREE TIME

Wednesday - September 27th, 2000

8:00 am - 8:20 am Opening Remarks: OFMA's 2001 Strategic Plan
 8:20 am - 8:50 am Sand Spring's Disaster Response, T.J. Davis, CFM
 8:50 am - 9:20 am Skiatook's Hazard Mitigation Program, Eric Wiles, CFM
 9:20 am - 10:00 am FEMA's New Revised Elevation Certificate - Dorothy Martinez
 10:00 am - 10:15 am Break
 10:15 am - 11:00 am Geographic Information Systems, Floodplain Management Applications - Corps
 11:00 am - 11:30 am Corps of Engineers, Recent Changes to 404 Process, and Challenge 21
 11:30 am - 11:50 am USGS, Dams and Stream Gauges - Bob Hirsch, USGS Chief Hydrologist
 11:50 am - 12:15 pm Closing Remarks: Ron Flanagan - Passing Gavel to New Chairman; Certificates of Attendance
 12:15 pm - 1:30 pm Lunch on your own
 1:30 pm - 3:00 pm Bonus Session for those persons interested. Ken Morris / OWRB / OFMA / FEMA / ODCM:
 Workshop: Floodplain Management 101, CFM Preparatory Class

 3:00 pm - 3:15 pm Break
 3:15 pm - 5:00 pm Continuation of Floodplain Management 101 Workshop

Thursday - September 28th, 2000

8:00 am - 10:00 am Continuation of Floodplain Management 101 Workshop
 10:00 am - 10:15 am Break
 10:15 am - 12:00 pm Floodplain Manager Certification Examination for pre-approved candidates

OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION

10th Annual Fall Training Conference
September 25-27, 2000
Lake Texoma Resort, Kingston, Oklahoma

CONFERENCE REGISTRATION

Name: _____ Title: _____

Organization: _____

Address: _____ City _____ State _____ Zip Code _____

Telephone: _____ Fax: _____ E-Mail: _____

Please check all items that apply:

Conference Registration: (Mon., Tue., Wed.)	unit cost		No. Persons	Total
_____ OFMA Members	\$ 130.00	x	_____	= _____
_____ Non-Members	\$ 150.00	x	_____	= _____

Spouse / Guest Options:

_____ Annual Vendor Cookout/Social (Mon.)	\$ 10.00	x	_____	= _____
_____ Business/Election Breakfast (Tue.)	\$ 10.00	x	_____	= _____
_____ Tuesday Lunch (Tue.)	\$ 20.00	x	_____	= _____
_____ Awards Banquet (Tue.)	\$ 10.00	x	_____	= _____

Certification:

_____ New Certification & Exam (Thur.)	\$ 50.00	x	_____	= _____
_____ Certification Renewal	\$ 15.00	x	_____	= _____

Amount Due = _____
Total Enclosed = _____

OWRB / FEMA / ODCEM / OFMA Floodplain Management 101 workshop:

_____ Workshop (Wed. pm, Thur. am)

Payment

Make checks payable to OFMA, and mail to
P.O. Box 8101, Tulsa, OK 74101-8101

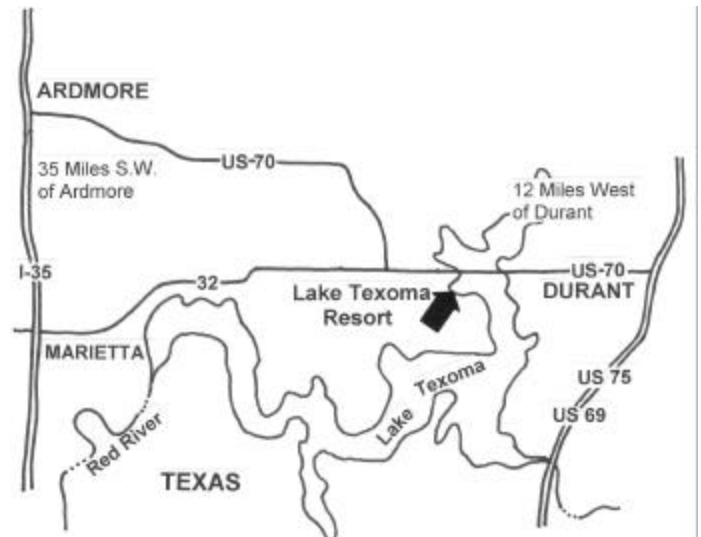
Lodging

Lodging is not included in the registration fee. Lodging Reservations should be made prior to August 23, 2000, by calling
Lake Texoma Resort
Phone (580) 564-2311 Toll-Free (800) 528-0593
and refer to the Oklahoma Floodplain Managers Association Conference.

Rooms are \$55.00

Cabins are \$60.00

If you have any questions, or need additional information, please contact: Ms. Carolyn Schultz at (918) 669-4919



Oklahoma Floodplain Managers Association

Certified Floodplain Managers (CFM)

Renewal/Recertification

Each year, no later than October 31st, each Oklahoma Certified Floodplain Manager (CFM) is required to have submitted his/her certification renewal documentation.

To Accomplish this, four things are required:

1. Complete the Annual Renewal/Recertification Form (see below or on www.okflood.org)

2. Provide OFMA Membership Application and Fee (\$20.00) for 2000/2001

3. Continuing Education Credits - Proof of Continuing Education (1 CEC per 2 hours of classroom training), e.g.,

- Managing floodplain development through the NFIP, 1/10-1/14/00 - 17 CEC
- OFMA Spring Training, Norman, 3/8/00 - 3 CEC
- OWRB Floodplain Management Workshop, May - 3 CEC
- Oklahoma Flood Forum, Lawton 5/24/00 - 3 CEC
- ASFPM 2000 Annual Conference, Austin 6/19-6/27/00 - 14 CEC
- OFMA 2000 Fall Conference, Lake Texoma 9/24-9/27/00 - 8 CEC

4. Renewal Fee: \$15.00

Oklahoma Floodplain Managers CFM Recertification Application

Name: _____ Company/Organization: _____

Title: _____ Address: _____

Work Phone: _____ City/Town: _____ State: _____ Zip: _____

Fax: _____ E-Mail: _____

Certificate #: _____ Change in:

Provide the Following: Employment Status: Yes ____ No ____

_____ Continuing Education Credits Job Responsibilities Yes ____ No ____

_____ \$15.00 Renewal Fee Certification/Licenses Yes ____ No ____

Mail to: OFMA, P.O. Box 8101 Additional Professional Organization Yes ____ No ____

Tulsa, OK 74101-8101

If yes, please explain in an attachment

<u>Office</u>	<u>Recommendation</u>	<u>Additional Nominations</u>
Chairman:	<u>Anna Waggoner, Woodward</u>	<u></u>
Vice-Chairman:	<u>Larry Shelton, Chickasha</u>	<u></u>
Secretary:	<u>Linda Reed, GGEDA</u>	<u></u>
Treasurer:	<u>Carolyn Schultz, USACE</u>	<u></u>
Region 1: Rep	<u>Nancy Kennedy, Edmond</u>	<u></u>
Region 2: Rep	<u>Nancy Wade, Bartlesville</u>	<u></u>
Region 3: Rep	<u></u>	<u></u>
Region 4: Rep	<u></u>	<u></u>
Region 5: Rep	Jason Shiever, OWRB	

Oklahoma Floodplain Managers Association

Awards Nominations

Each year the Oklahoma Floodplain Managers Association acknowledges outstanding contributions to the field of Floodplain Management by honoring those who have made significant contributions in reducing loss of life and property due to flooding. Each OFMA member is encouraged to submit nominations for consideration by the Awards Committee by Sept. 1, 2000..

The Public Official of the Year Award

This award is given to an elected or community official that has implemented public policy initiatives which demonstrate excellence in addressing present and future floodplain management needs for his/her community.

Floodplain Manager of the Year Award

Each year OFMA selects an individual that has demonstrated dedication and excellence in the field of floodplain management through the administration of his/her community's floodplain management program. The recipient must be an OFMA member.

Charles Don Ellison Memorial Award

This award was created in 1998 by the Board of Directors to recognize an OFMA member who has demonstrated significant long-term contributions of leadership and support that clearly influenced and advanced OFMA. It is named for Charles Don Ellison, an Oklahoma native who spent his professional life pursuing flood loss reduction efforts for Oklahoma and other states in the Federal Emergency Management Agency, Region VI. Don died in 1995, and exemplified the spirit of this award. He was a founding member of the Oklahoma Floodplain Managers Association.

Lifetime Honorary Member Award

This Honorary Membership is given to OFMA member(s) that have made valuable and significant contributions over the years to the Association for the improvement of floodplain management in the State of Oklahoma.

Ben Frizzell Memorial Media Award

This award was created to honor of the memory of Ben Frizzell, an outstanding media and public information and education specialist for the State of Oklahoma. This award is presented to media or persons making significant contributions to the public understanding of floodplain management.

Special Recognition Award

Special Recognition Awards are presented by the Board of Directors annually to individuals that have demonstrated excellence in a floodplain management endeavor worthy of special recognition.

The Silver Scoop Award

The Silver Scoop Award is presented to key individuals that have made significant contributions to OFMA. The Scoop is usually given to those all important "behind-the-scenes" people that do all of the work, and make things happen. They are the 1 percenters, the backbone of any organization, without whom nothing would get done.

Scholarship Award

This scholarship is granted to a graduating Oklahoma High School Senior who is planning to pursue a career in a floodplain management related field, and is intended for educational financial support.

Profile: Region 1 Representative

Nancy Kennedy, CFM

Stormwater Engineer, Floodplain Administrator, CRS Coordinator, and Drainage Utility Manager for the City of Edmond, OK

Nancy Kennedy is a Certified Floodplain Manager, represents Region 1, Central Oklahoma, on the Board of Directors, and served as a member of the Professional Development and Certification Committee.

Nancy Kennedy, CFM, is an engineer with over 20 years experience in geological sciences and environmental engineering. Nancy graduated in 1978 with a BS degree in Geology from the University of Kansas, and received a Masters degree in Environmental Engineering from OSU in 1993.

Ms. Kennedy worked with the Oklahoma Water Resources Board in surface water use permits, and with Ken Morris in floodplain management. Nancy became active in her home town, Edmond, serving on several local committees and boards. Upon departure of Edmond's stormwater engineer in 1997, she filled that position.

Nancy has worked with Edmond to put their existing stormsewer system into their GIS. The Edmond GIS system has the capability of overlapping aerial photos, parcel data, topographic surveys, and floodplain maps to aid in floodplain determination.

Ms. Kennedy also oversees the Drainage Utility Department, which manages the monthly stormwater utility fee. The drainage fee is used to address drainage and flooding problems, primarily in neighborhoods. The department is also responsible for compliance with EPA's NPDES Phase II stormwater regulations.

Nancy has been married to a petroleum geologist for 18 years, and they have two sons, one is a freshman in high school and the other is in the 5th grade. The family enjoys the sons' sports related activities, boating, and fishing.



OFMA'S CORPORATE PARTNERS



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July-August 2000

Oklahoma Floodplain Managers Association 1999-2000

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Region 2 Representative:

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Grand Gateway Econ. Dev. Assoc.
P.O. Drawer B
Big Cabin, OK 74332
Phone: (800) 482-4594, Ext 19
Fax: (918) 783-5786
E-mail: lreed@ggeda.com

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:

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Davis, OK 73030
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Fax: (580) 369-2425
E-mail: n/a

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The B.F.E.*

* Base Flood Elevation

OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION NEWSLETTER

Volume 2

September 2000

Number 8

OFMA's ANNUAL FALL 2000 CONFERENCE

Lake Texoma Conference to address OFMA's 2001 Strategic plan and ASFPM's *National Flood Programs in Review - 2000*

OFMA's Annual Fall Training Conference, to be held at Lake Texoma Resort, Sep 25-27, 2000, promises to be the best ever. Informative plenary sessions and educational break-out sessions on basic floodplain management and municipal stormwater management are designed to give the local floodplain administrator the basic tools with which to administer the National Flood Insurance Program and protect citizens and communities from flood losses.

George Riedel, Missouri NFIP Coordinator, will speak to OFMA members about ASFPM's new floodplain vision: *National Flood Programs in Review - 2000*. OFMA will also introduce it's new 2001 strategic plan (see page 6)



Break Time: Pat Hoggard, Tulsa; Lonnie Ward, FEMA Region VI; and Diana Herrera, NFIP, Region VI, enjoy networking and a break from training.

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Summary Conference Agenda

Saturday - September 23rd, 2000	1:00 - 5:00 pm	Board of Directors Meeting
Sunday - September 24th, 2000	11:00 am	2nd Annual Golf Tournament, Texoma Golf Course
Monday - September 25th, 2000		
9:00 am - 12:00 pm		Conference Registration
12:00 pm - 1:00 pm		Lunch - on your own
1:00 pm - 5:00 pm		Opening Ceremony, Plenary Sessions
5:00 pm - 6:30 pm		Free Time / Chairman's Reception, Wine & Cheese Social
6:30 pm - ???		Vendor's Social—Music of Hank Elling and Buddy Young
Tuesday - September 26th, 2000		
7:00 am - 9:00 am		Breakfast / OFMA Business Meeting / Election of Officers for 2000/2001
9:00 am - 9:30 am		Break
9:30 am		Basic Floodplain Management 101 / Municipal Stormwater Management
12:00 pm - 1:30 pm		Lunch: George Reidel: <u>National Flood Programs in Review - 2000</u>
1:30 pm		Break-Out Sessions (Continued)
6:00 pm - ???		Awards Banquet/Entertainment - Bill "Shorty" Bishop; Cowboy Poet
Wednesday - September 27th, 2000		
8:00 am		Plenary Session
12:15 pm		Adjourn
1:30 pm - 3:00 pm		Bonus Session for those persons interested. Ken Morris / OWRB/OFMA/ FEMA /ODCEM: Workshop: Floodplain Management 101, CFM Preparatory Class
Thursday - September 28th, 2000		
8:00 am - 10:00 am		Continuation of Floodplain Management 101 Workshop
10:15 am - 12:00 pm		Floodplain Manager Certification Examination for pre-approved candidates
		(see pages 4-5 for complete agenda)

Attention OFMA Members/Floodplain Administrators:

THINGS TO DO IN SEPTEMBER

1. OFMA MEMBERSHIP RENEWAL:

OFMA Membership runs from October 1st through September 30th of each year. Individual Memberships are only \$20.00 per year. You are encouraged to join. The more members we have, the greater the voice we have for good floodplain management. (See page 3 for membership application.)

2. OFMA FALL CONFERENCE:

OFMA's Annual Fall Conference is to be held at Lake Texoma State Resort, Sep 25-27, 2000. Training, networking, fun. (See pages 3, 4, and 5)

3. OFMA CFM CERTIFICATION RENEWAL:

Certified Floodplain Managers (CFM) must renew their certification no later than October 31st of each year. CFM's must be OFMA Members, pay a \$15.00 CFM Renewal Fee, and document their Continuing Education Credits (CEC) (see page 6)

Help make Oklahoma Flood Safe and Disaster-Resistant

Calendar of Events

- **Sep 12-14, 2000:** Oklahoma Department of Civil Emergency Management and Oklahoma Emergency Management Association. Joint Fall 2000 Conference, Western Hills Guest Ranch (405) 521-2481.
- **Sep 13-15, 2000:** Oklahoma Municipal League Conference and Exposition, Tulsa Convention Center, Tulsa, OK. Information, Contact: OML at (405) 528-7515.
- **Sep 24-27, 2000: Oklahoma Floodplain Managers Association (OFMA) Annual Fall Conference, Lake Texhoma State Lodge. Contact: OFMA, P.O. Box 8101, Tulsa, OK 74101-8101; <http://www.okflood.org>**
- **Oct 17-18, 2000:** Urban Stream Restoration, Louisville, KY ; Seelbach Hilton Hotel; ASFPM/EPA. Contact: Diane Watson (608) 274-0123.
- **Jan 8-12, 2001:** OWRB's *Regulating Floodplain Development through the NFIP*; Norman/OU Conference Center. Contact: OWRB, Ken Morris, (405) 530-8800. (5-day NFIP Training Course)
- **Feb 14, 2001:** OFMA Legislative Reception, State Capitol, Room 412A Contact: OWRB, Ken Morris (405) 530-8800
- **Mar 7, 2001:** OFMA Spring Training; OU Conference Center. Contact: OWRB, Ken Morris, (405) 530-8800.
- **Mar 21, 2001:** Oklahoma Flood Forum, Tulsa, OK, Real Estate Agents, Lenders, Insurance Agents, Public Officials Contact: NFIP, (281) 829-6880.
- **May 8, 2001:** OWRB Region 1 Floodplain Management Workshop - Norman, OK Contact: OWRB, (405) 530-8800.
- **May 10, 2001:** OWRB Region 2 Floodplain Management Workshop - Tulsa, OK Contact: OWRB, (405) 530-8800.
- **May 22, 2001:** OWRB Region 5 Floodplain Management Workshop - Woodward, OK Contact: OWRB, (405) 530-8800.
- **May 24, 2001:** OWRB Region 4 Floodplain Management Workshop - Lawton, OK Contact: OWRB, (405) 530-8800.
- **May 31, 2001:** OWRB Region 3 Floodplain Management Workshop - McAlester, OK Contact: OWRB, (405) 530-8800.
- **Jun 3-8, 2001:** 25th Annual Conference, Association of State Floodplain Managers (ASFPM), Charlotte, N.C. Contact: asfpm@floods.org; <http://www.floods.org>
- **Sep 24-26, 2001:** Oklahoma Floodplain Managers Association (OFMA) Fall Conference. Contact: OFMA, P.O. Box 8101, Tulsa, OK 74101-8101 or Ken Morris (405) 530-8861. [Http://www.okflood.org](http://www.okflood.org)

OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION

10th Annual Fall Training Conference

September 25-27, 2000

Lake Texoma Resort, Kingston, Oklahoma

CONFERENCE REGISTRATION

Name: _____ Title: _____

Organization: _____

Address: _____ City: _____ State: _____ Zip Code: _____

Telephone: _____ Fax: _____ E-Mail: _____

Please check all items that apply:

Conference Registration: (Mon., Tue., Wed.)

	unit cost	No. Persons	Total
____ OFMA Members	\$ 130.00	x _____	= _____
____ Non-Members	\$ 150.00	x _____	= _____

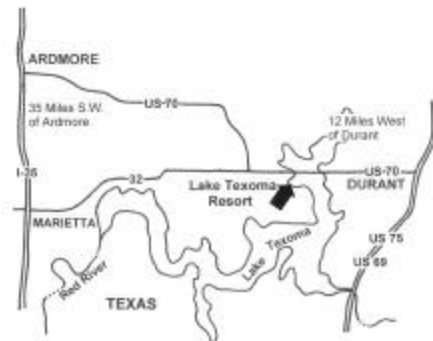
Spouse / Guest Options:

____ Annual Vendor Cookout/Social (Mon.)	\$ 10.00	x _____	= _____
____ Business/Election Breakfast (Tue.)	\$ 10.00	x _____	= _____
____ Tuesday Lunch (Tue.)	\$ 20.00	x _____	= _____
____ Awards Banquet (Tue.)	\$ 10.00	x _____	= _____

Certification:

____ New Certification & Exam (Thur.)	\$ 50.00	x _____	= _____
____ Certification Renewal	\$ 15.00	x _____	= _____

Amount Due	=	_____
Total Enclosed	=	_____

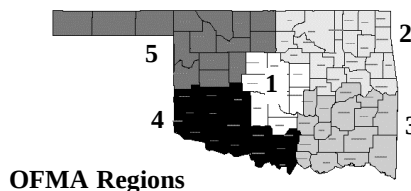
**Payment**

Make checks payable to OFMA, and mail to

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

OFMA's Membership runs from October 1st thru September 30th of Each Year. You must be an OFMA Member to be a CFM.

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

Category Affiliation(s): _____

New Member: ☐ Renewal: ☐

Region (see map): 1 2 3 4 5

Categories:

- | | |
|--------------------|---------------------------|
| A. Mitigation | B. Floodplain Regulations |
| C. Flood Insurance | D. Mapping & Engineering |
| E. Flood Proofing | F. Stormwater Management |
| G. Research | |

Dues Schedule

First-Year dues are prorated depending on the quarter during which you join. Fiscal year is October 1 – September 30.

	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
Full Membership	\$20.00	\$15.00	\$10.00	\$5.00
Student Membership	10.00	7.50	5.00	2.50
Associate Membership	15.00	11.25	7.50	3.75
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



OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION

10th Annual Fall Training Conference

Floodplain and Stormwater Management: Meeting the Challenge in the New Millennium

Saturday - September 23rd, 2000

1:00 pm - 5:00 pm Board of Directors Meeting

Sunday - September 24th, 2000

11:00 am 2nd Annual Golf Tournament, Texoma Golf Course

Monday - September 25th, 2000

9:00 am - 12:00 pm	Conference Registration
12:00 pm - 1:00 pm	Lunch - on your own
1:00 pm - 1:20 pm	Opening Ceremony, OFMA Welcome, Ron Flanagan, Chairman
1:20 pm - 1:40 pm	Emergency Management and the Floodplain Administrator Albert Ashwood, Director, ODCM
1:40 pm - 2:00 pm	The Challenge of the 21st Century Ken Morris, OWRB, State NFIP Coordinator
2:00 pm - 2:20 pm	Funding House Bill 1841 Sen. Kevin Easley, (D) Broken Arrow
2:20 pm - 2:45 pm	An Outstanding Record of Accomplishments R.L. "Buddy" Young, Director, FEMA, Region VI
2:45 pm - 3:00 pm	Break
3:00 pm - 3:30 pm	Working Together to Reduce Flood Damages Carroll Fisher, Oklahoma State Insurance Commissioner
3:30 pm - 4:00 pm	The Community Rating System (CRS) , Bill Baker, ISO
4:00 pm - 4:30 pm	Project Impact: All Hazards Mitigation , Ann Patton, Project Impact Coordinator
4:30 pm - 5:00 pm	Breakout Sessions Overview
5:00 pm - 6:30 pm	Free Time / Chairman's Reception, Wine & Cheese Social
6:30 pm - ???	Vendor's Social—Music of Hank Elling and Buddy Young

Tuesday - September 26th, 2000

7:00 am - 9:00 am	Breakfast / OFMA Business Meeting / Election of Officers for 2000/2001
9:00 am - 9:30 am	Break

Basic Floodplain Management (concurrent session)

9:30 am - 10:00 am	Introduction to NFIP/FloodPlain Management Lonnie Ward, CFM, FEMA Region VI
10:00 am - 10:45 am	Floodplain Management in Oklahoma Ken Morris, CFM, OWRB
10:45 am - 11:00 am	Break
11:00 am - 11:30 am	Regulatory/Enforcement Ken Morris, CFM
11:30 am - 12:00 pm	Introduction to Flood Insurance Diana Herrera, NFIP, Houston.
12:00 pm - 1:30 pm	Lunch "National Flood Programs in Review - 2000" George Riedel, Vice-Chair, ASFPM
1:30 pm - 2:00 pm	Flood Insurance Facts and Myths Diana Herrera
2:00 pm - 2:30 pm	Base Flood Elevation Determinations Hank Elling, P.E., CFM, OWRB Lawton
2:30 pm - 3:00 pm	FEMA Map Revisions, LOMA, LOMR, etc. James Orwat, P.E., FEMA Region VI
3:00 pm - 3:15 pm	Break
3:15 pm - 3:55 pm	Substantial Damage / Repetitive Loss Lonnie Ward

3:55 pm - 4:30 pm	Flood Hazard Mitigation Fred Liebe, Mitigation Officer, Okla. Dept. of Civil Emergency Mgt.
4:30 pm - 5:00 pm	Flood Proofing Techniques Joe Remondini, P.E., CFM, USACE Flood Proofing Committee

Advanced Municipal Stormwater Management (concurrent session)

9:30 am - 10:00 am	Introduction to Municipal Stormwater Management Paul D. Zachary, P.E., CFM, City of Tulsa
10:00 am - 10:45 am	Floodplain Management Principles, History, and Law Ron Flanagan, CFM, Tulsa
10:45 am - 11:00 am	Break
11:00 am - 11:30 am	Watershed Management Planning Janet Meshek, P.E., CFM, Sand Springs
11:30 am - 12:00 pm	Water Quality, NPDES, Sediment Control Gary Shockley, Oklahoma City.
12:00 pm - 1:30 pm	Lunch "National Flood Programs in Review - 2000" George Riedel, Vice-Chair, ASFPM
1:30 pm - 2:00 pm	Stormwater Utility Financing Michael Buchert, P.E., Asst. Dir. Public Works, Tulsa
2:00 pm - 2:30 pm	Multi-Objective Planning Ron Flanagan
2:30 pm - 3:00 pm	Stormwater Detention Mark Swift, P.E., Swift Water Resources Engineers
3:00 pm - 3:15 pm	Break
3:15 pm - 3:55 pm	Beyond NFIP/No Adverse Impact Ron Flanagan
3:55 pm - 4:30 pm	Community Rating System (CRS) Bill Baker
4:30 pm - 5:00 pm	Public Information and Education Laureen Gibson Gilroy, City of Tulsa
5:00 pm - 6:00 pm	Free Time
6:00 pm - ???	Awards Banquet/Entertainment - Bill "Shorty" Bishop; Cowboy Poet

Wednesday - September 27th, 2000

8:00 am - 8:20 am	OFMA's 2001 Strategic Plan Ron Flanagan, OFMA Chair
8:20 am - 8:50 am	Sand Springs' Disaster Response , T.J. Davis, CFM, Sand Springs
8:50 am - 9:20 am	Skia-took's Hazard Mitigation Program , Eric Wiles, CFM, Dir. Community Dev., Skia-took
9:20 am - 10:00 am	FEMA's New Revised Elevation Certificate - Diana Herrera
10:00 am - 10:15 am	Break
10:15 am - 11:00 am	Geographic Information Systems, Floodplain Management Applications - Jim Leach, P.E., and Russell Wyckoff, P.E., USACE
11:00 am - 11:30 am	Corps of Engineers, Recent Changes to the 404 Permit Process, and Challenge 21 Joe Remondini, USACE
11:30 am - 11:50 am	USGS, Dams and Stream Gauges - Bob Hirsch, USGS Chief Hydrologist
11:50 am - 12:15 pm	Closing Remarks: Ron Flanagan - Passing Gavel to New Chairman; Certificates of Attendance
12:15 pm - 1:30 pm	Lunch on your own
1:30 pm - 3:00 pm	Bonus Session for those persons interested. Ken Morris / OWRB / OFMA / FEMA / OD-CEM: Workshop: Floodplain Management 101, CFM Preparatory Class
3:00 pm - 3:15 pm	Break
3:15 pm - 5:00 pm	Continuation of Floodplain Management 101 Workshop

Thursday - September 28th, 2000

8:00 am - 10:00 am	Continuation of Floodplain Management 101 Workshop
10:00 am - 10:15 am	Break
10:15 am - 12:00 pm	Floodplain Manager Certification Examination for pre-approved candidates

OFMA's 2001

STRATEGIC PLAN

The OFMA Board proposes for your consideration a 2001 Strategic Plan - Goals and Objectives to accomplish in the 2000/2001 year. Additional goals are solicited from members.

1. Educate OFMA members, floodplain administrators, and the public on ***National Flood Programs in Review - 2000***
2. Foster local and individual responsibility and capability for flood problems.
3. Provide training and education for professionals and the public.
4. Contact all 358 Oklahoma Local Floodplain Administrators to identify issues and problems.
5. Encourage all local floodplain administrators to attend training, join OFMA, and see certification (CFM).
6. Promote Mandatory Basic Floodplain Management 101 training for all Floodplain Administrators.
7. Seek grants/funding to expand OFMA's outreach to educate public about floodplain management, especially schools.
8. Pursue funding for House Bill 1841 (Flood Hazard Mitigation).
9. Explore a Joint Annual Conference with Oklahoma Emergency Managers for 2001.
10. Insure Floodplain Managers are listed in the Oklahoma Municipal League's Directory.
11. Begin work on statewide inventory of floodplain buildings by jurisdiction.
12. Seek State funding for OWRB's CAP Program position, use federal funds while available for additional program assistance.
13. Amend Oklahoma Floodplain Management Act to allow NFIP communities to set permit fees for floodplain development permits.
14. Produce a brochure/flyer about OFMA's professional floodplain managers certification program (CFM)
15. Work with ODCEM, OWRB, FEMA to develop community repetitive loss plans to reduce number of RL Properties in Oklahoma.

Oklahoma Floodplain Managers Association Certified Floodplain Managers (CFM) Renewal/Recertification

1. **Complete the Annual Renewal/Recertification Form** (see below or on www.okflood.org)
2. **Provide OFMA Membership Application and Fee** (\$20.00) for 2000/2001
3. **Continuing Education Credits** - Proof of Continuing Education (1 CEC per 2 hours of classroom training)
16 CEC's required every 2 years, minimum of 4 CEC's required every year.
4. **Renewal Fee:** \$15.00

Oklahoma Floodplain Managers CFM Recertification Application

Name: _____

Company/Organization: _____

Title: _____

Address: _____

Work Phone: _____

City/Town: _____ State: _____ Zip: _____

Fax: _____

E-Mail: _____

Certificate #: _____

Provide the Following:

_____ Continuing Education Credits

_____ \$15.00 Renewal Fee

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

Change in:

Employment Status: Yes____ No____

Job Responsibilities Yes____ No____

Certification/Licenses Yes____ No____

Additional Professional Organization Yes____ No____

If yes, please explain in an attachment

Notice:

National Accreditation for Oklahoma CERTIFIED FLOODPLAIN MANAGERS

OFMA Certified Floodplain Managers (CFM) who were certified prior to September 1999, are certified in Oklahoma only. since 1999) **DO NOT** have to retake the exam.

In July 1999, OFMA revised it's CFM exams to meet ASFPM's National Exam Standards. The first OFMA Nationally Accredited Exams were given at OFMA's 1999 Fall Conference at Lake Murray. Additional exams were given in Norman at OWRB's week long NFIP class in January 2000, and OFMA's Spring 2000 Technical Training at the Moore/Norman Technology Center.

To be a nationally accredited CFM, you must have taken the new, nationally accredited CFM exam. CFM's who are already nationally accredited (tested

OFMA will offer the new nationally accredited CFM exam **FREE** to all original (before September 1999) CFM's at the Fall 2000 conference and other training opportunities later this year (January's OWRB NFIP and OFMA's Spring Training).

Oklahoma CFM's will receive a packet in the mail. Oklahoma CFM's wishing to take the new, nationally accredited CFM exam at the Fall Conference should fill out the form and return it to OFMA as soon as possible.

Those Oklahoma CFM's not interested in national accreditation may retain their Oklahoma CFM designation.



OFMA'S CORPORATE PARTNERS



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Oklahoma Floodplain
Managers Association

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September 2000

Oklahoma Floodplain Managers Association 1999-2000

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The B.F.E.*

* Base Flood Elevation

OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION NEWSLETTER

Volume 3

October 2000

Number 1

OFMA's Fall 2000 Conference



OFMA members listen intently during a plenary session of OFMA's Fall 2000 Conference at Lake Texoma Resort.

The 10th Annual Fall Conference of the Oklahoma Floodplain Managers Association, held Sept. 25-28, at beautiful Lake Texoma Resort, was attended by 108 floodplain managers, one from as far away as Hawaii.

The conference included general information plenary sessions, concurrent sessions on Basic Floodplain Management

and Advanced Stormwater Management, and the Oklahoma Water Resources Board's 8-hour Floodplain Management 101 course. The nationally accredited exam for Certified Floodplain Managers was also given to qualified floodplain managers.

Activities included a vendor's bar-b-que and wine festival, hosted by

Dewberry Design, USGS, Corps of Engineers, and R.D. Flanagan & Associates. Breaks were hosted by PBS&J, Swift Water Resource Engineers, and Meshek & Associates, Inc. FEMA Region VI Director, Buddy Young and Hank Elling provided outstanding musical entertainment. Because of the beautiful weather, the

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OFMA's Honors & Awards

The Oklahoma Floodplain Managers Association honored those who made significant contributions in the field of floodplain management-reducing loss of life and property due to flooding-during 1999-2000. Award recipients were nominated by the general membership, screened and final selections made

by the Awards Committee of the Board of Directors.

Plaques were presented to the honorees at the Awards Banquet by FEMA Region VI Director, Buddy Young, and Chair-Elect, Anna Waggoner.

(Continued on page 4)

LAWTON - NEWEST PROJECT IMPACT COMMUNITY

FEMA has selected Lawton, OK to participate in Project Impact, the nationwide program to help communities become more resistant to disasters.

This brings the number of communities participating in the program to 247. Participants are eligible for \$300,000 in federal grant funds to administer the program, establish partnerships in the public and private sectors and initiate disaster-resistant projects. Participating

Oklahoma communities include Tulsa, Durant, and Miami.

Project Impact serves as a catalyst to bring all sectors of the community together to address common disaster planning, contingency, preparedness, response, recovery and mitigation needs. Communities interested in more information about Project Impact should contact: Fred Liebe, ODCM, (405) 521-2481

Source: Emergency Preparedness News, Oct 10, 2000.

Web Sites

OFMA www.okflood.org
ASFPM www.floods.org
OWRB www.state.ok.us/~owrb
FEMA www.fema.gov
Corps of Engineers www.swt.usace.army.mil
EMI Independent Study www.fema.gov/home/emi/ishome.htm
Advanced Study Institute <http://web.uccs.edu/geogenvs/natoasi>
WebMaster: Hark Eling, P.E., CFM
 (580)248-7762 hcelling@owrb.state.ok.us

Calendar of Events

The Oklahoma Floodplain Managers Association maintains a list of flood-related meetings, conferences, and training at www.okflood.org

- **Nov 4-7, 2000:** Annual Conference of the International Association of Emergency Managers, Austin, TX. Contact IAEM at 111 Park Place, Falls Church, VA 22046; (703) 538-1795; fax: (703) 241-5603; iaem@aol.com; <http://www.iaem.com>.
- **Nov 12-16, 2000:** Project Impact Summit 2000, Washington, D.C. Sponsored by the Federal Emergency Management Agency. Contact Project Impact, FEMA, Mitigation Directorate, 500 C Street, S.W., Washington D.C.; (202) 646-3000; summit.info@fema.gov; <http://www.fema.gov/impact>
- **Nov 15, 2000: 21st Annual Governor's Water Conference**, "Water in Oklahoma - Shaping the New Century", 8:30am - 2:30pm; Myriad Convention Center/Renaissance Hotel, OKC. Contact: OWRB, Ken Morris, (405) 530-8800
- **Jan 8-12, 2001:** OWRB's Floodplain Management through the NFIP; Norman/OU Conference Center. Contact: OWRB, Rhonda Kouba, (405) 530-8800.
- **Mar 7, 2001:** OFMA Spring Training; OU Conference Center. Contact: Carolyn Schultz (918) 669-4919.
- **Mar 21, 2001:** Oklahoma Flood Forum, Tulsa, OK, Real Estate Agents, Lenders, Insurance Agents, Public Officials Contact: NFIP, (281) 829-6880.
- **May 8, 2001:** OWRB Region 1 Floodplain Management Workshop - Norman, OK Contact: OWRB, (405) 530-8800.
- **May 10, 2001:** OWRB Region 2 Floodplain Management Workshop - Tulsa, OK Contact: OWRB, (405) 530-8800.
- **May 20-23, 2001:** Small Watershed Programs: Past, Present, and Future, Seventh National Watershed Conference, Richmond, Virginia. Sponsored by the National Watershed Coalition. Contact John W. Peterson, National Watershed Coalition, 9304 Lundy Court, Burke, VA 22015-3431; (703) 455-6886; fax: (703) 455-6888; jwpeterson@erols.com
- **May 22, 2001:** OWRB Region 5 Floodplain Management Workshop - Woodward, OK Contact: OWRB, (405) 530-8800.
- **May 24, 2001:** OWRB Region 4 Floodplain Management Workshop - Lawton, OK Contact: OWRB, (405) 530-8800.
- **May 31, 2001:** OWRB Region 3 Floodplain Management Workshop - McAlester, OK Contact: OWRB, (405) 530-8800.
- **Jun 3-8, 2001:** Twenty-Fifth Annual Conference of the Association of State Floodplain Managers, Charlotte, North Carolina. Contact the ASFPM Executive Office, 2809 Fish Hatchery Road, Ste. 204, Madison, WI 53713-3120; (608) 274-0123; fax: (608)274-0696; asfpm@floods.org; <http://www.floods.org>
- **Sep 24-26, 2001:** Oklahoma Floodplain Managers Association (OFMA) Annual Fall Conference, Contact: OFMA, P.O. Box 8101, Tulsa, OK 74101-8101; <http://www.okflood.org>

OFMA's Fall 2000 Conference

(Continued from page 1)

Awards Banquet was held poolside, and featured delicious, thick steaks.

The guest luncheon speaker was George Riedel, ASFPM Vice-Chair, who presented ASFPM's new vision for the na-

tion's floodplain management program: ***National Flood Programs in Review-2000.***



R.L. "Buddy" Young, FEMA Region VI Director, addressed the plenary session on ***An Outstanding Record of Accomplishments***, highlighting OFMA's and FEMA's progress and contributions to floodplain management over the last eight years.

W. Kenneth Morris, CFM, State NFIP Coordinator and OFMA Executive Director, presented ***The Challenge of the 21st Century***. Ken also taught the Basic Floodplain Management Track and Floodplain Management 101.



Bill Baker, ISO, addressed the plenary session and Advanced Stormwater Management track on the ***Community Rating System (CRS)***.

Fred Liebe, Mitigation Officer, Oklahoma Department of Civil Emergency Management, taught the course on ***Hazard Mitigation and Federal Hazard Mitigation Programs***.



Diane Herrera, NFIP, Houston, taught sessions on ***Flood Insurance*** and the new ***Elevation Certificate***

Janet Meshek, PE, CFM, President of Meshek & Associates, Inc., taught several Advanced Stormwater Management classes, including ***Basin-Wide Master Drainage Planning***, and ***Stormwater Detention***.



(Continued on page 6)

OFMA's 1999-2000



CHARLES DON ELLISON MEMORIAL AWARD

FEMA Region VI Director, Buddy Young, presents **Joe Remondini**, PE, CFM, Tulsa District, US Army Corps of Engineers with the *Charles Don Ellison Memorial Award* for his significant long-term leadership and support which has clearly influenced and advanced OFMA. Mr. Remondini has served as OFMA's Chair and member of the PDCC. He is a member of the Corp's National Floodproofing Committee.

FLOODPLAIN MANAGER OF THE YEAR

Walter Stout, CFM, City of Pryor Creek, Floodplain Manager of the Year 1998-1999, presents OFMA's prestigious *Floodplain Manager of the Year* award to **David Biggers**, Lahoma, for significant excellence in the field of floodplain management. Mr. Biggers was cited for his dedication through the administration of Lahoma's floodplain management program in pursuing the goals of reduction of loss of life and property due to flooding



PUBLIC OFFICIAL OF THE YEAR

Lonnie Ward, FEMA, presents Oklahoma Insurance Commissioner **Carroll Fisher** with the *Public Official of the Year* award for his public policy initiatives in promoting flood insurance and flood insurance education for Oklahoma's insurance agent's



HONORARY LIFETIME MEMBER AWARD

Anna Waggoner, OFMA Chair 2000-2001, presents **Carolyn Schultz**, CFM, OFMA Treasurer, US Army Corps of Engineers, Tulsa District, with the *Honorary Lifetime Membership Award* for her valuable and significant contributions over a number of years to OFMA for the improvement of floodplain management in the State of Oklahoma. Harold Springer, OWRB, also received this award.



ANNUAL AWARDS



OUTSTANDING ACHIEVEMENT AWARD

Carolyn Schultz presents **Ron Flanagan**, CFM, with the *Outstanding Achievement Award* for his leadership of OFMA as Chair 1999-2000, editor of the "BFE", and service on the Professional Development and Certification Committee.

SPECIAL RECOGNITION AWARD

Buddy Young presents Ken Morris with the *Special Recognition Award* for **Michael Mathis**, **Duane Smith** and **Mike Melton**, OWRB. Col. Leonardo Flor, Commanding Officer, Tulsa District, US Army Corps of Engineers also won special recognition for the Corp's dedication to floodplain management.



BEN FRIZZELL MEDIA AWARD

Fred Liebe, ODCM, accepts the *Ben Frizzell Media Award* from Ron Flanagan, on behalf of the family of **Ben Frizzell**, after whom the memorial award is named. The award is presented for outstanding floodplain management related stories or publications. Ben Frizzell passed away May 15, 2000.



SILVER SCOOP AWARD

The *Silver Scoop Award* is presented to key individuals who have made significant contributions to OFMA and floodplain management. This year's recipients include **Rep. Larry Rice** pictured with Ken Morris and Mike Melton, **Sen. Kevin Easley**, **Rep. Jim Newport**, FEMA Region VI Director, **R.L. "Buddy" Young**, **Eric Wiles**, and **Ron Flanagan**.



(Continued from page 3)

OFMA's Fall 2000 Conference



T.J. Davis, CFM, Floodplain Administrator, Sand Springs, OK, presented a paper on *Sand Springs Disaster Response and Recovery* from the May 6, 2000 flood. T.J. is a former OFMA Chair.

Laureen Gibson Gilroy, Public Information Officer, City of Tulsa, conducted a class on the importance of *Public Information in Floodplain Management*.



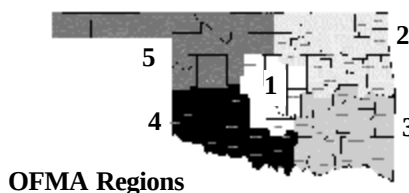
Kathy Peter, Director, Oklahoma USGS, Ron Flanagan, and Anna Waggoner, OFMA 2000-2001 Chair, with **Dr. John Costa**, USGS, Portland, OR. Dr. Costa presented a session on *Stream Gauges*. He is also working on an exciting study on historical Peak Flood Events.

Lonnie Ward, CFM, FEMA, Region VI, taught several classes on *Basic Floodplain Management*, and *Floodplain Management 101*.



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 \$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

Category Affiliation(s): _____

New Member: ☐ Renewal: ☐

Region (see map): 1 2 3 4 5

Categories:

- | | |
|--------------------|---------------------------|
| A. Mitigation | B. Floodplain Regulations |
| C. Flood Insurance | D. Mapping & Engineering |
| E. Flood Proofing | F. Stormwater Management |
| G. Research | |

Dues Schedule

First-Year dues are prorated depending on the quarter during which you join. Fiscal year is October 1 – September 30.

	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
Full Membership	\$20.00	\$15.00	\$10.00	\$5.00
Student Membership	10.00	7.50	5.00	2.50
Associate Membership	15.00	11.25	7.50	3.75
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



Profile: 2000-2001 OFMA Chairman

Anna Waggoner, CFM

Code Enforcement, Woodward

Anna Marie Waggoner, CFM is the 2000-2001 Chair and is a member of the Board of Directors of the Oklahoma Floodplain Managers Association.

Anna Waggoner has worked for the City of Woodward since 1995, serving as Floodplain Administrator, GIS Manager, and Secretary to Code Enforcement. Like most small Oklahoma community floodplain administrators, Anna has to wear several hats. She is an excellent choice to serve as OFMA's Chair because she understands the problems faced by typical small town floodplain administrators. "This year we will focus on providing programs and assistance to those small community floodplain managers, working with few resources and asked to do many jobs, only one of which is floodplain administrator."

Anna has been active with the Oklahoma Floodplain Managers Association and has served on the board of directors since 1996 as the Region V (Northwest Oklahoma) Representative. She served as Vice-Chair in 1999-2000, and was responsible for planning OFMA's successful Fall 2000 Annual Conference at Lake Texoma. She also serves as a member of the Professional



OFMA's 2000-2001 Chair, Anna Waggoner

Development and Certification Committee (PDCC). Anna is a Certified Floodplain Manager (CFM). She lives in Woodward with her husband, who is foreman of the South Water field for the City of Woodward.



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OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION NEWSLETTER

Volume 3

November-December 2000

Number 2

Central Oklahoma Flooding Presidential Disaster Declaration Issued



Nancy Wade, CFM, OFMA Region 2 Representative and Floodplain Administrator for Bartlesville, points to the high water mark on a substantially damaged home, in Apache, OK.

Severe flooding hit Central Oklahoma during the period of Oct. 21 through Oct. 29, 2000, in Caddo, Carter, Comanche, Cotton, Grady, Jefferson, Kiowa, McClain and Tillman counties. In the town of Apache, 30 homes were destroyed and 25 homes and 6 businesses suffered major damage. Eighty-six percent of the victims were low-income, and 90 percent were uninsured.

In Anadarko, flooding forced 80 residents to be evacuated and damaged the city's water control facilities. Chickasha suffered damage to its water treatment plant and roads and streets. Road closures and damages were reported in 9 counties.

Edmond received 5-1/2" of rain in one hour, which equates roughly to the 500-yr flood event. Fifty homes and businesses were flooded. Although several major arterials and intersections were deeply flooded,

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President Bush's FEMA Nominee,
Joe Marvin Allbaugh

Oklahoman is Bush's Nominee to Head FEMA

Joseph Allbaugh, an OSU graduate in Political Science and former Deputy Secretary of the Oklahoma Dept. of Transportation, has been nominated to be the Director of the Federal Emergency Management Agency. Allbaugh, at 6'4" and 270 pounds, will succeed the popular James Lee Witt.

Allbaugh has been one of President George W. Bush's closest advisors, campaign manager, and chief of staff in Texas.

(Continued on page 3)

TRAINING REQUIREMENT WOULD BE A PLUS FOR LOCAL OFFICIALS

by W. Kenneth Morris, CFM
Oklahoma Water Resources Board

There is nothing quite like a flood to demonstrate that many local floodplain administrators are not familiar enough with their ordinances, the requirements of the National Flood Insurance Program (NFIP), or disaster relief, for the timely response needed for their communities and citizens in that time of crisis and recovery. Unless they are adequately trained, they or their superiors (who are usually elected officials) often believe **the state and the Federal Emergency Management Agency (FEMA) will come in and save the day, with little responsibility on the part of the locality.**

A case in point took place in southwest Oklahoma in October, when several communities experienced flash floods. Shortly afterwards, I found myself in one of those communities, briefing the mayor (an insurance agent), a county commissioner, and other officials. The program was not well received when I explained that their citizens should not do any flood repairs or move back into their homes until officials completed damage reports to determine substantial damage. **This was a shock** to them. I asked if they had held a spring flood campaign workshop this year. **You know the answer to that one!** I am afraid this flood caught them quite unaware of the requirements and responsibilities they vowed to uphold. This would not be the case with well-trained floodplain officials who know their ordinance, what to do when flooding triggers its substantial damage provisions, the specifics of Increased Cost of Compliance coverage, and how state or federal aid is intertwined with flood insurance.

After the flood is not the time for training. Going in after a terrible event like this one and trying to bring the public and officials up to speed is tough—tough on emergency management, tough on the elected officials, tough on the citizens, and tough on the NFIP. After the flood is the time to break the cycle of repeated flooding. One way of doing that is to enforce the substantial damage provisions of the ordinance. But many local floodplain ad-

ministrators have no clue about substantial damage or ICC.

The big problem is inadequately trained local floodplain administrators. For example, Oklahoma has 363 NFIP communities and only 80 certified floodplain managers (CFMs). That is not enough. Floodplain management is a daily job and if communities assign that responsibility, as an afterthought, to a low-level, untrained staff position, then what program success can be expected?



Ken Morris - OWRB

The Association of State Floodplain Managers, the Oklahoma Floodplain Managers Association, and other associations have voluntary certification programs that require passing an examination on the many aspects of floodplain management. These certification programs are a big step in the right direction, and they should be supported, and new ones fostered.

But more should be done. Establishing a training requirement for local staff would help ensure more effective administration of local ordinances. **The Federal Emergency Management Agency should consider requiring certification of the local floodplain administrator as a condition of a community's participa-**

tion in the NFIP.

In addition, all local floodplain administrators, *including certified ones*, need to attend periodic ongoing training on the NFIP and related facets of emergency management and assistance, particularly the constantly changing federal requirements described in Title 44 of the *Code of Federal Regulations*. The OFMA and ASFPM have continuing education requirements for their voluntary certification programs. A combination of further incentives and requirements—again, perhaps in conjunction with NFIP participation—should be explored to ensure that, once trained and/or certified, local administrators *remain* up to date in the floodplain management field.

There is also a need for college courses on floodplain management that would be tied into a floodplain management certificate program at the university level. The ASFPM has held preliminary discussions with the Emergency Management Institute about developing an "Introduction to Floodplain Management" course and identifying other partners for such an effort.

In short, **we are desperately in need in this country of a comprehensive program of training, education, certification, and other credentialing in floodplain management** both for those who work at the state and local level and as an option for college students who are interested in the field. And to be effective, these training and education opportunities need to be interwoven with appropriate incentives and requirements that will ensure the right people have the right answers next time a locality is hit with a flood.

After several intense meetings and discussions, **my hat is tipped** to the local officials in Caddo County and Apache, Oklahoma, **for not taking the easy way out**, but instead **enforcing their NFIP ordinance**

OFMA's 2000-2001 Board of Directors



OFMA's 2000-2001 Board of Directors elected at the OFMA Annual Fall Conference at Lake Texoma, are, from l to r: W. Kenneth Morris, CFM Executive Director; Nancy Kennedy, CFM, Region 1 Representative; Carolyn Schultz, CFM, Treasurer; Jason Shiever, Region 5 Representative; Nancy Wade, CFM, Region 2 Representative; Thomas Graham, CFM, Region 4 Representative; Anna Waggoner, CFM, Chair; Ron Flanagan, CFM, Past Chair, BFE Editor; Linda Reed, CFM, Secretary; David Sprouse, CFM, Region 3 Representative; and Larry Shelton, Vice-Chair.

Central Oklahoma Flooding

(Continued from page 1)

people still attempted to drive through them. Nancy Kennedy, CFM, Edmond Floodplain Administrator and OFMA Region 1 Representative, began running videos on Edmond's cable TV channel about the dangers of driving through floodwaters.

On October 30, 2000, Governor Keating requested a Federal Disaster Declaration for severe storms and flooding. President Clinton declared the event a major disaster on November 27, 2000. The Federal Declaration (FEMA 1349-DR), provided:

Individual Assistance for individuals and families in Caddo and Grady Counties.

Public Assistance to help State and local governments repair or replace disaster-

damaged public facilities in Caddo, Carter, Comanche, Cotton, Grady, Jefferson, Kiowa, McClain and Tillman Counties.

Hazard Mitigation Grant Program funds (75% federal share) are available to all counties in the state for actions taken to prevent or reduce long term risk to life and property from natural or technological hazards.

Allbaugh - Bush's Nominee

(Continued from page 1)

A veteran of campaigns in 39 states, Allbaugh indicates he is committed to emergency management and is interested in working closely with the states. His closeness to the President suggests that continued direct access to the President on floodplain and emergency management issues will be ensured.

Source: ASFPM's Member Bulletin, 1/8/01

Web Sites

OFMA www.okflood.org

ASFPM www.floods.org

OWRB www.state.ok.us/~owrb

FEMA www.fema.gov

Corps of Engineers
www.swt.usace.army.mil

EMI Independent Study
www.fema.gov/home/emi/ishome.htm

Advanced Study Institute
<http://web.uccs.edu/geogenvs/natoasi>

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New Certified Floodplain Managers

Oklahoma has another fifteen nationally accredited Certified Floodplain Managers, five of whom are new CFM's. These new nationally accredited CFM's took the two-hour comprehensive exam, consisting of 120 questions and a practical exercise, at the end of the Fall 2000 Conference at Lake Texhoma, OK. They are:

Byron Benham, Blackwell * **John Harrington**, ACOG

* **David M. Biggers**, Lahoma **David Mackey**, Ft. Smith

Gavin Brady, OWRB - Tulsa * **Mike McCool**, Tulsa

* **Jeff Byram**, Edmond **Janet Meshek**, Sand Springs

Jackie D'Amico, Midwest City **Te Anh Ngo**, Oklahoma City

Jimmy Sanders, Grove

T. J. Davis, Sand Springs **Troy Tinnin**, Purcell

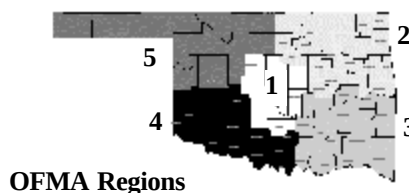
Hank Elling, OWRB - Tulsa * **Russell Wyckoff**, USACE - Tulsa

* indicates new CFM's

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 \$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

Category Affiliation(s): _____

New Member: ☐ Renewal: ☐

Region (see map): 1 2 3 4 5

Categories:

- | | |
|--------------------|---------------------------|
| A. Mitigation | B. Floodplain Regulations |
| C. Flood Insurance | D. Mapping & Engineering |
| E. Flood Proofing | F. Stormwater Management |
| G. Research | |

Dues Schedule

First-Year dues are prorated depending on the quarter during which you join. Fiscal year is October 1 – September 30.

	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
Full Membership	\$20.00	\$15.00	\$10.00	\$5.00
Student Membership	10.00	7.50	5.00	2.50
Associate Membership	15.00	11.25	7.50	3.75
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



Substantial Damage Training

FEMA and the Oklahoma Water Resources Board conducted a class and field training on Estimation of Residential Substantial Damage on Jan. 3, 2001. The "hands-on" training was conducted by FEMA contractor Don Glondys of URS. The class, held in Apache, OK, was attended by over 40 Floodplain Managers from throughout the state.

Substantial Damage is defined as: Damage of any origin sustained by a structure located in the FEMA Special Flood Hazard Area, whereby the cost of restoration to its pre-damaged condition would equal or exceed 50 percent of the market value of the structure before the damage occurred.

NFIP Regulations require that a substantially improved structure must be brought into compliance with local ordinances, and elevated (or flood proofed if it is a non-residential structure) to or above the level of the 100-year or base flood elevation.

The Floodplain Managers visited several substantially damaged residences in Apache. FEMA and URS instructors toured the buildings with small groups of students, observing and discussing the damages, and determining damage estimates to 16 categories of residential improvements within the house.

FEMA has developed new Residential Substantial Damage Estimation materials, including guidance manuals and computer software. Using the materials provided, Floodplain Managers can accurately estimate the damages sustained by a residential struc-



Floodplain Managers listen to FEMA's Instructors during Residential Substantial Damage Estimation class, held in Apache, OK, Jan 3, 2001.

ture due to flooding.

The enforcement of the substantial improvement requirement, as defined in the NFIP regulations (44 CFR, 59.1), frequently becomes a major concern for local officials after a flood.

Calendar of Events

The Oklahoma Floodplain Managers Association maintains a list of flood-related meetings, conferences, and training at www.okflood.org

- **Feb 14, 2001:** 4th Annual OFMA Legislative Reception; State Capital, Rm. 412B; Catered by Jamil's (10am-2pm)
Contact: Ken Morris (405) 530-8800
- **Mar 7, 2001:** OFMA Spring Training; OU Conference Center. Contact: Carolyn Schultz (918) 669-4919.
- **Mar 30 - Apr 5, 2001:** National Symposium on Mitigating Severe Weather Impacts: Design for Disaster Reduction; University of Oklahoma Severe Weather Center; Tulsa Civic Center. Contact: Cindy Ward, Univ. of OK. (405)447-8418.
- **Apr 4, 2001:** Oklahoma Flood Forum, Civic Center Tulsa, OK, Real Estate Agents, Lenders, Insurance Agents, Public Officials
Contact: NFIP, (281) 829-6880.
- **May 8, 2001:** OWRB Region 1 Floodplain Management Workshop - Norman, OK Contact: OWRB, (405) 530-8800.
- **May 10, 2001:** OWRB Region 2 Floodplain Management Workshop - Tulsa, OK Contact: OWRB, (405) 530-8800.
- **May 20-23, 2001:** Small Watershed Programs: Past, Present, and Future, Seventh National Watershed Conference, Richmond, Virginia. Sponsored by the National Watershed Coalition. Contact John W. Peterson, National Watershed Coalition, 9304 Lundy Court, Burke, VA 22015-3431; (703) 455-6886; fax: (703) 455-6888; jwpeterson@erols.com
- **May 22, 2001:** OWRB Region 5 Floodplain Management Workshop - Woodward, OK Contact: OWRB, (405) 530-8800.
- **May 24, 2001:** OWRB Region 4 Floodplain Management Workshop - Lawton, OK Contact: OWRB, (405) 530-8800.
- **May 31, 2001:** OWRB Region 3 Floodplain Management Workshop - McAlester, OK Contact: OWRB, (405) 530-8800.
- **Jun 3-8, 2001:** Twenty-Fifth Annual Conference of the Association of State Floodplain Managers, Charlotte, North Carolina. Contact the ASFPM Executive Office, 2809 Fish Hatchery Road, Ste. 204, Madison, WI 53713-3120; (608) 274-0123; fax: (608)274-0696; asfpm@floods.org; <http://www.floods.org>
- **Sep 24-26, 2001:** Oklahoma Floodplain Managers Association (OFMA) Annual Fall Conference, Contact: OFMA, P.O. Box 8101, Tulsa, OK 74101-8101; <http://www.okflood.org>

Profile: 2000-2001 OFMA Vice-Chair

Larry Shelton

City Manager, Chickasha

Larry Shelton is the 2000-2001 Vice-Chair and is a member of the Board of Directors of the Oklahoma Floodplain Managers Association.

Larry Shelton, Chickasha City Manager since 1991, was born and raised in Popular Bluff, Missouri. He attended Three Rivers Community College in Missouri; Harvard and LaSalle Universities and holds degrees in Engineering Design and Business Administration. Mr. Shelton has been married for more than 27 years and has one daughter, a senior at the University of Oklahoma.

Mr. Shelton was an engineer in private practice in Little Rock, AR, for approximately twelve years before becoming Director of Planning and Development for Pulaski County Arkansas (Little Rock). During Mr. Shelton's 20 years of public management he worked for the Cities of Guthrie and Chandler in OK and as the City Manager in Maumelle, AR, before becoming City Manager in Chickasha, OK. Mr. Shelton was the 1999 recipient of the Gerald Wilkins Award (City Manager of the Year).

During his engineering and public management career, Mr. Shelton has always placed an emphasis on capital projects and innovation as it relates to municipal operations. Through the years he has had the good fortune of working with many fine individuals who have pro-



Larry Shelton, OFMA Vice-Chair
City Manager, Chickasha

vided expertise in bringing about beneficial change in government operations.



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November-December 2000

Oklahoma Floodplain Managers Association 2000-2001

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