



The B.F.E.*

* Base Flood Elevation

OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION NEWSLETTER

Volume 3

May 2001

Number 7

Oklahoma Sponsors National Severe Weather Symposium

April and May afforded Oklahoma Floodplain Managers unprecedented opportunities to obtain first-class professional training. Professional development opportunities included the National Symposium on Mitigating Severe Weather Impacts: Design for Disaster Reduction; The Oklahoma Flood Forum; and five Oklahoma Water Resources Board NFIP workshops held throughout the state. (See "OWRB Holds Flood Training Around State")

National Symposium on Mitigating Severe Weather Impacts: Design for Disaster Reduction. The University of Oklahoma's Severe Weather Center and the City of Tulsa's Project Impact hosted a major national conference on the mitigation of natural hazards. The symposium

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Tulsa Mayor Susan Savage addresses the National Severe Weather Symposium. Dr. Vincent Mileti (left), and Dr. Baxter Vieux (right) were also keynote speakers.

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Oklahoma Flood Forum



Oklahoma Insurance Commissioner Carroll Fisher addresses Flood Forum

The Oklahoma Flood Forum (sponsored by the National Flood Insurance Program, The City of Tulsa, and OFMA), held in conjunction with the Severe Weather Symposium at the Tulsa Civic Center on April 4th, attracted over 200 real estate and insurance agents, lenders, floodplain managers and public officials.

Break-out sessions were designed to meet the needs of each profession. Insurance Commis-

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Oklahoma Flood Forum

(Continued from page 1)

soner Carroll Fisher spoke at the Forum, and Continuing Education credits were awarded to real estate and insurance agents, as well as floodplain managers.

An awards luncheon was sponsored by OFMA's Corporate Partners, Meshek & Associates, Engineers; Swift Water Resources Engineering, LLC; R.D. Flanagan & Associates, Planning Consultants; and the Severe Weather Center at O.U.



Charles Hardt, City of Tulsa Chief Operations Officer and Director of Public Works, addresses the Oklahoma Flood Forum.



Flood Forum registration desk was staffed by (L to R) Carolyn Schultz, Lynne Stevenson, and Kent Wilkins



The Flood Forum was attended by real estate and insurance agents, public officials and floodplain managers.

Looking Ahead - June 2001 BFE

- ASFPM 2001 National Conference
- OFMA/OEMA Joint Fall Conference Agenda
- OWRB Spring Workshops
- FEMA Disaster # 1355-OK Update
- Legislative Update
- Special OFMA National Awards
- Profile: Nancy Wade, CFM

Walter Stout Elected OFMA Vice-Chair

Walter Stout, CFM, Floodplain Administrator for the City of Pryor, was elected by the Board of Directors to fill the remaining term of Vice-Chair. OFMA's outgoing Vice-Chair, Larry Shelton, City Manager of Chickasha, found the demands of the OFMA Board and his city manager's job were just too heavy. Larry will be missed. As a city manager, Shelton brought a fresh perspective to the board.

Walter Stout has been an active member of



Walter Stout, CFM

OFMA for a long time, having served on the Professional Development and Certification Committee, and assisted in the development of the Certified Floodplain Managers Program (CFM).

Walter won in a tight three-way race between himself, hydrologic engineering consultant Janet Meshek, Sand Springs, and C.M. Lin, SWODA. OFMA is fortunate to have such diverse and well-qualified members willing to take on the responsibilities of the organization.

(See OFMA Profile on Walter Stout on Page 7)

National Severe Weather Symposium

(Continued from page 1)

sium was held at Tulsa's Civic Convention Center, March 31 - April 5, 2001.

The symposium, put on by OU's Dr. Baxter Vieux, was a national level conference that few Oklahoma emergency and floodplain managers would normally have an opportunity to attend.

The keynote speaker was Dr. Vincent Mileti, Director of the Natural Hazards Institute, Boulder, Colorado, and author of *Disasters by Design—A Reassessment of Natural Hazards in the United States*.



Symposium Director Dr. Baxter Vieux and Coordinator Cindy Ward, OU's Severe Weather Center

Dr. Mileti's keynote address was inspirational, challenging, and disturbing. As one of the foremost international disaster experts, Dr. Mileti pointed out that the bulk of America's population is crowded into the nation's most disaster-prone areas. As a result, disaster losses are growing at an alarming rate, and are now approaching \$6 billion per year.

Over the past 20 years, natural disasters have cost the U.S. over

\$500 billion, killed 24,000 people, and injured 100,000 more.

These disaster losses are predictable, Dr. Mileti said, and result from the development of hazardous locations.



Dr. Dennis Mileti autographs his books for OFMA's Ron Flanagan and Ken Morris

The symposium featured sessions on flooding, tornadoes, hurricanes, drought, extreme cold, and earthquakes.

A major theme of the symposium was the need to develop partnerships at every level—which is the focus of the Project Impact program (see "Floodplain and Emergency Managers plan Fall Conference.")



At OFMA's Booth (l to r): FEMA's Lonnie Ward; Former FEMA Director, James Lee Witt; and OWRB's Ken Morris,



Enjoying an elegant reception sponsored by Cinnabar Service Corp., are (l to r): Tulsa's Emergency Manager, Mike McCool; and Kary and Paula Cox of Bartlesville.



At the OFMA booth (l to r): FEMA's Ross Richardson, OWRB's Ken Morris, Diane Calhoun of Half & Assoc., Ft. Worth, Texas, and ASFPD Director Larry Larson.

Web Sites

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

Definition: Future Conditions

Area of Future Conditions Flood Hazard: The land area that would be inundated by the 1-percent-annual-chance flood based on future condition hydrology.

Future Conditions Hydrology: The flood discharge associated with projected land-use conditions based on a community's zoning maps or comprehensive land-use plans.

FEMA Considers Adding Future Conditions to SFHA Maps

At the urging of the Association of State Floodplain Managers (ASFPM) and numerous communities, FEMA is considering adding future conditions (see above) to its Special Flood Hazard Area maps. Present FEMA maps reflect only existing conditions hydrology. As the basin develops, buildings permitted today under existing conditions will often be flooded as the floodplain is filled, storage is removed, and the upstream basin urbanizes or develops.

FEMA is proposing to add Future Conditions Hydrology on the SFHA maps on a voluntary basis for information purposes only. The community may regulate the Future Conditions area.

Many communities, including Tulsa, regulate their floodplains to a higher standard than FEMA's minimum national standard. Tulsa's floodplains, for example, assume full urbanization of the upstream basin, and do not allow removal of floodplain storage. Tulsa regulates the FEMA floodplain for insurance purposes, and its more extensive local floodplain for regulatory and developmental purposes.

OFMA recommends that all communities consider future upstream basin conditions when regulating their flood plains. FEMA's SFHA is only a national minimum.

Calendar of Educational Opportunities

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

- **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, VA. 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 22-25, 2001: Expedition 2001 - Paths to the Future**, National Flood Conference, Minneapolis, MN. NFIP contact: *Catherine King, (301) 918-1439.*
- **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, NC. The ASFPM annual conferences cover a broad range of flood-related issues, including mitigation, legislation, structural and non-structural approaches, GIS, and much more. For more information, contact: *Diane Brown Watson, ASFPM, 2809 Fish Hatchery Road, Ste. 204, Madison, WI 53713-3120; (608) 274-0123; fax: (608)274-0696; e-mail: asfpm@floods.org; website: www.floods.org*
- **Sep 23-27, 2001: Fall Annual Joint Conference, OFMA and Oklahoma Emergency Managers Association (OEMA)**, Southern Hills Hilton, Tulsa, OK. Cost: \$130.00. Contact: *OFMA, P.O. Box 8101, Tulsa, OK 74101-8101; http://www.okflood.org*
- **Jun 23-28, 2002: Twenty-Sixth Annual Conference of the Association of State Floodplain Managers**, Phoenix, AZ. Contact: *ASFPM Executive Office, 2809 Fish Hatchery Road, Ste. 204, Madison, WI 53713-3120; (608) 274-0123; fax: (608)274-0696; e-mail: asfpm@floods.org; website: www.floods.org*
- **Jun 3-8, 2003: Twenty-Seventh Annual Conference of the Association of State Floodplain Managers**, St. Louis, MO. Contact: *ASFPM Executive Office, 2809 Fish Hatchery Road, Ste. 204, Madison, WI 53713-3120; (608) 274-0123; fax: (608)274-0696; e-mail: asfpm@floods.org; website: www.floods.org*

“NO ADVERSE IMPACT” Policy is National Agenda

The nation's professional floodplain managers have adopted a new program policy objective for the nation: "No Adverse Impact."

The country's flood protection experts have been concerned about the nation's needlessly rising flood damages. The Association of State Floodplain Managers (ASFPM) Chairman George Riedel states that annual national flood damages continue to increase, despite billions of dollars spent on structural projects and great advances made in non-structural floodplain management.

ASFPM and OFMA are promoting the "No Adverse Impact" strategy as the proper approach for floodplain management in the 2000s. The approach is based on balancing structural

and non-structural flooding solutions in a manner that will not cause additional damages upstream or downstream. This means that no construction in the watershed would adversely impact other property by increasing flood depths or velocities.

Comprehensive local watershed plans should ensure that all potential adverse impacts would be properly planned for and mitigated to avoid increasing current and creating future flood damages. These concepts support sustainable community initiatives to reduce the devastation caused by natural disasters.

ASFPM has prepared a document that describes this No Adverse Impact approach and gives examples of its success in communities throughout the nation. For copies, contact ASFPM at (608)

Oklahoma Floodplain Managers Association

Vision

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

Mission

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

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

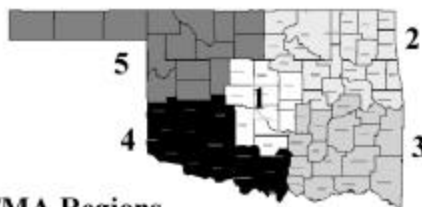
274-0123 or www.floods.org.

OFMA is an organization of over 200 professional Oklahoma floodplain managers. The Association of State Flood-

plain Managers, ASFPM, OFMA's national parent organization, represents 4,000 national floodplain managers and leading experts in flood hazard management throughout North America.

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

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

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

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

	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
Full Membership	\$ 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 General Store

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

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

Or Call: Carolyn Schultz
(918) 669-4919



Certified Floodplain Managers Lapel Pin
(Only Available to CFM's)

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

Technical Advisory - Regular Program of the NFIP

NFIP: National Flood Insurance Program
SFHA: Special Flood Hazard Area
FEMA: Federal Emergency Management Agency

After entry into the **Emergency Program of the NFIP** (BFE, April 2001), the community is eligible to convert to the NFIP's **Regular Program**.

1. **FEMA authorizes the sale of additional flood insurance** in the community up to the Regular Program limits:

<u>Total Insurance</u>	<u>Building</u>	<u>Contents</u>
Residential	\$250,000	\$100,000
Non-Residential	\$500,000	\$500,000

2. **Community implements** adopted flood plan management measures.

3. **FEMA arranges for periodic community assistance visits (CAV's)** with local officials to provide technical assistance regarding complying with NFIP flood plain management requirements.

4. **Local offices may request flood map updates as needed.** FEMA evaluates requests, encourages cost sharing, and issues revised maps as priorities dictate.

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Broken Arrow, City of
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Broken Arrow, OK 74013
(918) 259-8414

OK Civil Emergency Management
Albert Ashwood
P.O. Box 53365
Oklahoma City, OK 73102
(405) 521-2481

Tulsa, City of
Charles L. Hardt
200 Civic Center, Room 512
Tulsa, OK 74103
(918) 596-9706

Oklahoma Water Resources Board
Duane Smith, Executive Director
3800 N. Classen Blvd.
Oklahoma City, OK 73118
(405) 530-8800

Canadian County Commissioners
P.O. Box 458
El Reno, OK 73036
(405) 262-1070

Piedmont, City of
P.O. Box 240
Piedmont, OK 73078
(405) 373-2621

United States Geological Survey
Kathy Peter
202 NW 66th St., Bldg 7
Oklahoma City, Ok 73116
(405) 810-4404

Payne County Floodplain Board
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Grand Gateway Economic Development Agency
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(800) 482-4594



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Profile: 2000-2001 OFMA Vice-Chair

Walter Stout, CFM

Floodplain Manager, Pryor

Walter Stout, CFM, is like most of Oklahoma's small community Floodplain Managers: He wears many hats

Walter Stout, CFM, joined the City of Pryor in 1987 as an inspector with the Water and Sewer Department. In 1991 he was appointed Floodplain Administrator; Building Official; Electrical, Mechanical and Plumbing Inspector; and Zoning Officer. He fully understands the problems of the small community official, for whom floodplain management is just one of many duties.

A Tulsa native, Walter moved to Choteau in the eighth grade, and graduated from Choteau High School in 1971. He served in the U.S. Army in Korea from 1971 to 1974.

Mr. Stout has been an OFMA member since 1992. He has attended all annual conferences and annual OWRB workshops. Walter served on OFMA's original Professional Development and Certification Committee that developed the Certified Floodplain Manager's Exam.

Walter has his Inspector's License, is a member of BOCA and the Oklahoma Fire Marshall's Association.

Walter's primary goal is to provide education and training for floodplain administrators and the public. "We must find more effective ways of delivering training to small town officials," Stout says. "Maybe we have to take the training out to them. Most small town officials don't know what floodplain management is all about."

Mr. Stout is married and lives with his wife and sons, Cole 11, and Ryan 20, in Pryor.



Walter Stout, CFM



OFMA'S CORPORATE PARTNERS



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May 2001

Change Service Requested

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Funding Acknowledgement

Funds to produce *The B.F.E.* come in part from the National Flood Insurance Program, State Support Services Element of the Community Assistance Program, which is administered by the Federal Emergency Management Agency.

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