



The Antediluvian

Ohio's Floodplain Management Newsletter



Volume IX

Summer 2002

Issue 1

THE FLOODPLAIN MANAGEMENT PROGRAM MISSION: To provide leadership to local governments, state agencies, and interested parties toward cooperative management of Ohio's floodplains to ensure the reduction of flood damage and the recognition of the floodplain's natural benefit. This mission is accomplished through technical assistance, public awareness, education, and development / protection standards.

Appalachian Flood Risk Reduction Initiative



**BY: STEVE FERRYMAN, CFM,
ENVIRONMENTAL SPECIALIST
DIVISION OF WATER**

The Appalachian Flood Risk Reduction Initiative (AFRRI) is a grant program administered by ODNr, Division of Water in partnership with the U.S. Department of Commerce Economic Development Administration, the Ohio Emergency Management Agency (OEMA), and the Governor's Office of Appalachia (GOA). The goal of AFRRI is to ensure sustainable development by increasing local capability to address natural hazards. Any village, city, or county in the Appalachian Region—as defined by the GOA—was eligible for participation. Applications were due January 31, 2002.

Fifteen grant recipients are eligible for up to \$10,000 (\$5,000 from AFRRI and \$5,000 local matching requirement) to generate a natural hazard mitigation plan that focuses on flooding. In-kind services were accepted as the local share of the project cost. Twenty communities applied for AFRRI. Selected

communities have one year to complete the planning process and publish the plan. In addition to producing a natural hazards mitigation plan, each selected community will also be provided with engineering and mapping services to generate a flood map and study for approximately one stream mile. Local communities will identify the stretch of stream to be studied in detail. The Division of Water will conduct the flood studies using their new Geographic Information System (GIS).

With the passage of the Disaster Mitigation Act of 2000, only communities with approved natural hazard mitigation plans will be eligible for future mitigation dollars from the Hazard Mitigation Grant Program and Flood Mitigation Assistance Program as they become available. Communities that participate in AFRRI and complete the mitigation plan will have a competitive edge when applying for this funding.

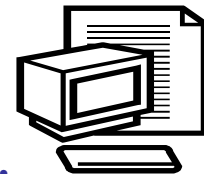
The Floodplain Management Program staff is excited about the

opportunity to administer AFRRI and will report its progress in future editions of *The Antediluvian*. Through grassroots community involvement—mixing planning, hazard assessment, and new floodplain data—AFRRI will be a recipe for sustainable communities.



Attention readers: This symbol indicates an on-line resource.

Elevation Certificate Training Offered Online



(reprinted from NFIP *WATERMARK*, FEMA, Winter 2002)

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

The *Surveyor's Guide to the Elevation Certificate* is a new tutorial available through the NFIP web site. Training workshops in how to use the EC have been offered across the country for land surveyors, engi-

In this Issue

<i>Appalachian Flood Risk Reduction Initiative (AFRRI)</i>	1
<i>Elevation Certificate Training Offered Online</i>	1
<i>OFMA Meeting Notice</i>	2
<i>OFMA Annual Awards Nominations</i>	3
<i>Ohio State Profile (Mapping Needs)</i>	4
<i>FMP Geographic Information Management Systems</i>	8
<i>Are You Designing At-Risk? A new workshop</i>	9
<i>Ohio is Host to FEMA Region V Conference</i>	10
<i>Severe Weather Awareness Week</i>	10
<i>Workshop Watch</i>	11
<i>Floodplain Management in Ohio - Statewide Conference 2002</i>	(back)

neers, architects (who certify the elevation of buildings), community officials, and insurance agents. Now, those who want this training have to travel only as far as their computer to explore the details of the EC.



After accessing the NFIP web site, visitors can select from two tutorials about the EC—the module that has been implemented for surveyors, and another module designed for use by insurance agents. The surveyor's tutorial also was developed to assist the community officials who monitor compliance with the elevation requirements of their communities' floodplain ordinances.


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

- Clicking on the "Elevation Certificate" tab allows visitors to view and download an electronic copy of the EC along with instructions in how to complete it.
- Clicking on the "Surveyor Video" tab opens a video that briefly describes the process a surveyor follows to establish a building's elevation points.
- Clicking on the "Bldg. Diagrams & Photos" tab displays a series of eight sample building diagrams and representative photos. This section of the tutorial is designed to show surveyors, engineers, and architects where to take the necessary elevation measurements for each building diagram.

Navigation tools at the bottom of each page on the site not only provide

information for how to move around within the tutorial and how to use each section most effectively, but also allow visitors to e-mail their questions or comments directly to EC specialists at FEMA.

For more information about the *Surveyor's Guide to the Elevation Certificate* training module, visit the web site at: <http://nfip.kevric.com/ecsurveyor/>

Training in use of the Elevation Certificate also is available at NFIP regional workshops. For information about where and when these will be held, call the FEMA Region V Office at (312) 408-5500. 

WANTED FLOOD MAPS?

Anyone needing copies of FEMA flood maps or Flood Insurance Studies can now go to www.fema.gov. Select *National Flood Insurance*, then select *Flood Hazard Mapping*, then *Other Important Info*, then *How To Obtain Flood Maps*.



Or you can still call,
(800) 358-9616



The **Ohio Floodplain Management Association (OFMA)**, (a division of the *Water Management Association of Ohio (WMAO)*) will hold a general membership meeting to conduct strategic planning for the organization on **May 3rd, 2002, 9:30 a.m.** at:

Ohio Department of Natural Resources
1939 Fountain Square Drive, Building E-1
Assembly Center
Columbus, OH 43224

The meeting agenda is as follows:

- Introduction of OFMA Board and members
- Strategic Planning:
 - Mission*
 - Goal Setting/Priorities*
 - Objectives/Outcomes for Goals*
 - Strategies to Employ*
 - Development of an Action Plan (Who? What? When?)*

For more information regarding this meeting, please contact Gary Ziegler at **(419) 424-7108**.

OHIO FLOODPLAIN MANAGEMENT ASSOCIATION

Annual Awards Nominations Are Needed!



The Ohio Floodplain Management Association (OFMA) was formed in 1995 in response to a need expressed by floodplain professionals for a common forum and a network that supports and improves their management of Ohio's water resources; specifically, floodplains. OFMA is a Division of the Water Management Association of Ohio. The OFMA Board has created the following recognitions that were awarded for the first time in 2001! The presentation of the annual awards has become an exciting part of the Statewide Floodplain Management Conference. The 2002 Conference will be held August 28 and 29 in Columbus, Ohio (*see related article on back cover*).

Please join in the fun and help OFMA recognize outstanding local, regional and state programs by nominating one of Ohio's unnoticed floodplain management leaders! The OFMA awards and their focus and criteria are listed below. Following each description is the name of the previous award recipient.

stewardship of valuable floodplain resources, economic sustainability, and quality improvement may be elements of programs, projects, publications and activities nominated for this award.

- ✓ The nominee may be an individual, organization, public or private sector, government agency, regional agency or academic institution.
- ✓ This award need not be given annually, or may be given to multiple recipients in a single year.
- ✓ Nominees must be currently working or contributing to active water resource management programs or projects.
- *2001 Recipient was Chagrin River Watershed Partners, Inc, Willoughby, Ohio.*

Floodplain Administrator of the Year

The *Floodplain Administrator of the Year* award is designed to honor an individual whose contributions have resulted in an outstanding local program or activity for comprehensive floodplain management. The recipient of this award will serve as a role model and inspiration to other local officials.

Peter G. Finke Award for Most Valuable Contribution to Floodplain Management

This award is being established as a tribute to Peter G. Finke in his distinguished service and leadership of the Ohio Floodplain Management Program for three decades. Peter utilized collaboration and creativity throughout his career and drew strength from his personal dedication to create a statewide floodplain management program that improves the quality of life for Ohioans present and future. He has also been an integral part of developing the national policy on floodplain management.

- ✓ The nominee must be employed by a county, city or village as a local floodplain manager.
- ✓ No more than one award will be granted in a single year.
- ✓ The nominee will be selected based upon their leadership, outstanding accomplishment in the profession of floodplain management, and demonstrating personal/professional character of the highest quality.
- *2001 Recipient was Ray Sebastian, Clermont County, Ohio.*

- ✓ The nominee may be an individual, organization, public or private sector, government agency, or regional agency.
- ✓ This award need not be given annually.
- ✓ The recipient will be selected based upon their outstanding contribution to the multi-faceted aspects of floodplain management.
- ✓ The contribution supporting this recognition should have a direct impact on improving the quality of life through better water resource management.
- ✓ More than one award may be granted in a single year upon approval by the Board.
- *2001 Recipient was Peter G. Finke, Retired Ohio Dept. of Natural Resources.*

Award for Innovation in Floodplain Management

This award is intended to recognize those who have developed and applied an approach that is "outside of the box." Promotion of flood loss reduction,

Distinguished Member Service Award

The success of any professional organization is rooted

in the dedication and capabilities of its members. This award is intended to recognize a member whose outstanding contribution has furthered the OFMA goals and objectives.

- ✓ The nominee may be an elected official, appointed official, federal, state or local employee, engineer, planner, consultant, insurance agent, student, surveyor, appraiser, real estate agent, or interested citizen.
- ✓ The recipient must be currently active in the Ohio Floodplain Management Association.
- ✓ More than one award may be granted in a single year upon approval by the Board.
- ✓ This award need not be given annually.
- ✓ The nominee must have made a significant contribution through their leadership, dedication, creativity or collaboration to improve floodplain management in accordance with the OFMA purpose and objectives.
- *2001 Recipients were Jerry Brems and Doug Johnson- Past OFMA Presidents.*

OFMA Annual Awards Application and Instructions.

- ✓ Complete the “OFMA Recognition Award Application” and supporting information.
- ✓ Publications, videotapes, letters of recommendation and project descriptions may all be submitted as support or justification of nominees.



An Application can be completed *on-line* at:

<http://www.dnr.state.oh.us/water/>

or you can use the enclosed application (see pages 5 and 6 of this newsletter).

- ✓ **Submit applications and supporting materials to:**

**Cindy Crecelius,
OFMA Awards Coordinator
ODNR, Division of Water
1939 Fountain Square Drive,
Building E-3
Columbus, Ohio 43224.**



Ohio State Profile (Mapping Needs)

(from FEMA’s website, Fall 2001)

Ohio’s Flood Insurance Rate Maps (FIRM)s are aging. Sixty-nine percent (69%) of the State’s FIRMs are greater than 11 years old. The effect of the aging is that the maps may be outdated and as the maps get older, they may not reflect community development and the associated impact on flood hazards. Up-to-date flood maps will help guide floodplain management.

Flood hazard conditions are dynamic due to natural disasters and ongoing development. Development and other natural processes alter watershed and floodplain conditions such that the flood hazards depicted on the maps may no longer be reliable. It is possible that the older maps may no longer reflect the actual flood hazards, potentially creating a false sense of security and placing buildings, infrastructure, and people at risk.

WHAT IS THE MAPPING NEEDS ASSESSMENT PROCESS?

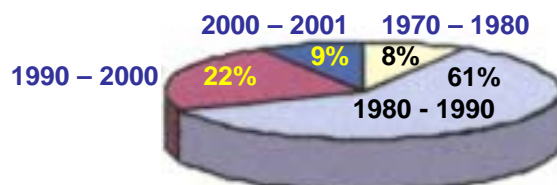
- In Section 575 of the National Flood Insurance Reform Act of 1994, the U.S. Congress mandated the Director of FEMA to “...once during each 5-year period...assess the need to revise and update all floodplain areas and flood risk zones identified, delineated, or established under this section, based on an analysis of all natural hazards affecting flood risks...”
- The Mapping Needs Assessment process helps FEMA develop map update priorities and expend the flood-mapping budget in the most cost-beneficial manner. The goal of the Mapping Needs Assessment process is to identify flood hazard mapping needs nationwide, maintain an inventory of those needs, and prioritize those needs across the country. This will ensure that we spend the limited funding on communities that would benefit the most.

HOW IS THE MAPPING NEEDS DATA STORED?

Flood hazard mapping needs data is stored in the Mapping Needs Update Support System (MNUSS) database. MNUSS is a software application that

(continued page 7)

Date of Maps for Ohio



OHIO FLOODPLAIN MANAGEMENT ASSOCIATION
Recognition Award Application



Name of Nominee _____

Address _____

Phone No. _____ Employer _____

Employer Contact/Phone _____

Type of Award Nominated For

- Floodplain Administrator of the Year
- Award for Innovation in Floodplain Management
- Peter G. Finke Award (Most Valuable Contribution to Floodplain Management)
- Distinguished Member Service Award

On a separate sheet or in letter please describe the activities of the nominee in support of your nomination. Please note the criteria for each award and provide specific information including any supporting materials in justification of the nominee's qualifications.

Nominated by _____

Address _____

Phone _____ E-mail _____

Fax _____ Date Submitted _____

Submit nominations to:

Cindy Crecelius, Awards Coordinator
ODNR, Division of Water
1939 Fountain Square Drive, Building E-3
Columbus, Ohio 43224
(614) 265-6750 or cindy.crecelius@dnr.state.oh.us
(614) 447-9503 Fax

DEADLINE: May 1, 2002





OHIO FLOODPLAIN MANAGEMENT ASSOCIATION
Recognition Award Application form

After you have finished the award application, please fold
along the dotted lines, close and affix postage.
Thank you for your time and consideration.



DIVISION OF WATER
1939 Fountain Square
Columbus, OHIO 43224

Affix Postage
Here
Post Office
Will Not Deliver
Without Proper
Postage



Cindy Crecelius, Awards Coordinator
ODNR, Division of Water
1939 Fountain Square Drive, Building E-3
Columbus, Ohio 43224



OHIO'S TOP 5 RANKED COMMUNITIES: FACTS AND FIGURES FROM MNUSS

State Ranking	Community	Flood Study Update Needs	Maintenance Needs	Area Sq. Mile	1998 Population Estimate	Flood Insurance Policies
1	CELINA, CITY OF	2	1	3.62	10,615	10
2	WADSWORTH, CITY OF	1	2	8.40	17,567	7
3	TWINSBURG, CITY OF	1	1	12.15	15,179	26
4	MORROW, VILLAGE OF	1	0	1.69	1,457	86
5	PROCTORVILLE, VILLAGE OF	1	1	0.19	813	71

(continued from page 4)

contains an inventory of flood hazard mapping needs and performs benefit—cost calculations to rank communities, on a National, Regional, and State level. Currently, ranking is done on an individual community basis (e.g., cities, towns, villages, and unincorporated counties that have land use authority), and is based upon the benefit points calculated for each community. Benefit points are a quantitative comparison of the benefits of addressing a community's cumulative mapping needs to the costs of revising the community's map.

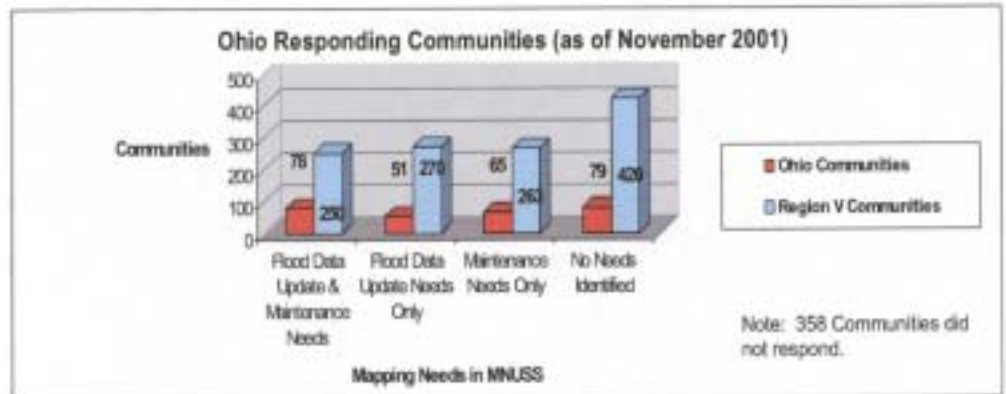
Approximately 631 mapped NFIP-communities in the State of Ohio were contacted by FEMA during the 1994-1999 period and 273 (43%) of those communities responded. Flood mapping needs are categorized as either flood data update needs (i.e., changes to the floodplain and / or watershed) or maintenance needs (i.e., non-engineering reference features, such as adding streets to panels or changing corporate limits). Some communities indicated no updates to their maps are needed.

UNMAPPED COMMUNITIES

FEMA has made significant progress in mapping and converting previously unstudied communities to the Regular Phase of the NFIP; however, there are approximately 6,000

communities nationwide for which no determination has been made by FEMA as to whether they should be mapped. In addition, many communities have become newly incorporated in recent years, or are small, rural communities and may not have the authority to adopt and enforce floodplain management ordinances. Communities such as these, therefore, have not been mapped separately and are shown on

2002. Communities will be able to complete and submit the report, electronically, or return it in hardcopy format. It is important that the communities complete the form as accurately as possible because FEMA will use this information in a myriad of ways, such as: identifying communities that need to be re-mapped or have additional flood hazards, developing mapping priorities, identifying communities



the county map. FEMA's Mapping Needs Assessment Development Team, in collaboration with the FEMA Map Service Center, is preparing a comprehensive list of these communities in the United States. This project will support both the MNUSS application and the FEMA Flood Map Store (the Agency's e-commerce site <http://www.msc.fema.gov>). Once the list has been prepared and the communities mapping needs, if any, are identified, their needs can then be prioritized.

BIENNIAL REPORT

It is anticipated that the Biennial Report will be distributed to NFIP communities during calendar year

that need technical assistance or have training needs, and providing qualitative data that FEMA can use to develop priorities and evaluate national progress in floodplain management. In addition, FEMA may be contacting communities for clarification or elaboration of the information provided in the Biennial Report.

If you have questions, or you would like to become involved with assessing and collecting mapping needs, or you need additional information concerning access to MNUSS, please contact Cindy Croxdale, the FEMA National Mapping Needs Assessment Manager at (202) 646-3458 or by e-mail at cindy.croxdale@fema.gov or Ken Hinterlong, FEMA V Civil Engineer at (312) 408-5576.



Floodplain Management Program GIMS

BY: **DARLENE MAGOLD CFM,**
GIMS SPECIALIST
DIVISION OF WATER

The Ohio Department of Natural Resources (ODNR) Floodplain Management Program's Geographic Information Management System (GIMS) includes the digital creation of the Federal Emergency Management Agency (FEMA) maps for the 88 counties in Ohio. Paper Flood Insurance Rate Maps (FIRM), Flood Hazard Boundary Maps (FHBM) and Floodway Maps were converted into scanned images. Selected features were digitized and converted into GIS coverages. These features included the 100-year and 500-year floodplain boundaries and floodway.

Product

Statewide flood hazard information including GIS coverage files for 100-year and 500-year floodplain boundaries with attributes for 88 counties in Ohio. These coverages are now located on the GIMS website <http://www.nr.state.oh.us/gims/>.

Metadata

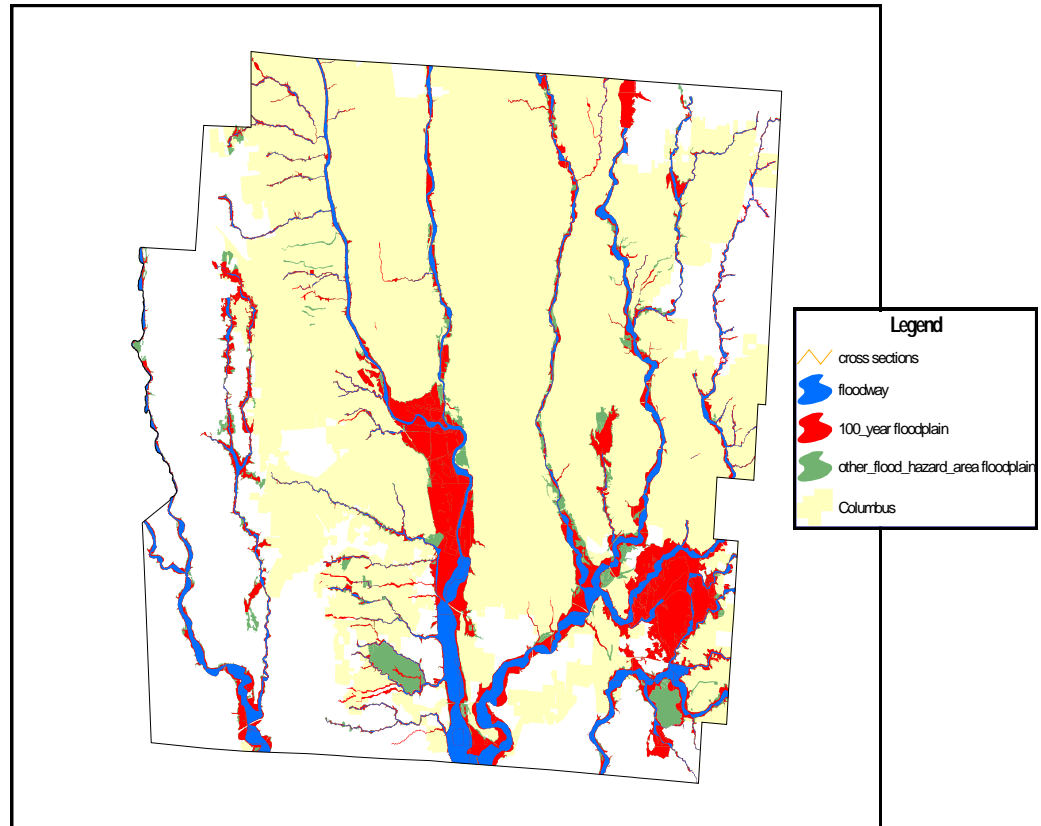
The road centerline network vector files created

by the Ohio Department of Transportation (ODOT) were overlain by these FEMA map images. The files served as the base map for the 100-year floodplain boundary, 500-year floodplain boundary and floodway coverages. The data was projected in Ohio State Plane (North/South zones as appropriate) using NAD83 datum at a scale of 1:24,000.



Instructions to download are as follows:

1. Download self-extracting file (.exe) from website.
2. Unzip file.
3. Import into ArcInfo using the "Import" command; or import into ArcView using the Import 71 Utility; or import into ArcMap using ArcToolbox.



Although the data was not digitized using the Digital Orthophoto Quarter Quads (DOQQ) as a base map, the coverages still correlated well with the DOQQs for the State of Ohio. The procedure approved by ODNR to create the coverages required vector data rather than raster data. The road centerline network from ODOT is updated regularly and is the more accurate than the outdated DOQQs for Ohio, which the accuracy ranges from over 10 years.

4. View theme or layer in ArcView or ArcMap.
5. It is helpful to set your floodplain theme or layer properties for each coverage so the source does not equal zero "[Source] < > """) this is so the "holes" in the floodplain are seen.

If there are any questions, please feel free to contact me at (614) 265-6722 or email at darlene.magold@dnr.oh.state.us

ARE YOU DESIGNING AT

RISK?



Floodplain Management Program rolls out a flood loss reduction workshop for design professionals

BY: GEORGE F. MEYERS P.E.,
CFM, PROJECT ENGINEER
DIVISION OF WATER

The ODNR, Division of Water, Floodplain Management Program is pleased to announce that it has created a flood loss reduction workshop targeted at the needs of the design professional. The presentation is titled: *“Are You Designing at Risk? Development Standards for Projects in the 1% Annual Chance Floodplain”*. The Floodplain Management Program recognizes that design professionals have a significant influence on site selection and design, and therefore play a key role in ensuring a balance between the wise use and protection of our natural resources. The Floodplain Management Program developed this presentation as an aid to engineers, architects, planners, developers, owners, etc. who are involved with development and site design within the 100-yr. floodplain.

The presentation is divided into two parts that will be given back to back. The first part of the presentation (approximately 60-75


minutes) is intended to establish a basic level of knowledge that the designer/ developer should have when evaluating developments in areas at risk of flooding. The presentation is by George F. Meyers, P.E., CFM, Project Engineer for the Floodplain Management Program. Mr. Meyers will provide a brief background of flooding problems in Ohio and the U.S. including the role of the National Flood Insurance Program (NFIP) in reducing the risk to life and property due to flooding. He will introduce tools (*e.g.* Flood Insurance Rate Maps, Flood Insurance Studies) that are available to help determine the flood risk for a site, explain how they were created, and explain how to use them. He will provide an overview of the regulatory requirements and ethical responsibilities of the designer when developing in floodprone areas.

Mr. Meyers will discuss the regulatory framework of floodplain management and the minimum development standards that have been legally adopted by over 19,000 communities that participate in the NFIP across the United States (including over 700 communities and 86 counties in Ohio). General information on the permitting/approvals that are required when developing within regulatory floodplains will be provided. Considerations regarding the relationship between the minimum development standards and flood insurance premiums will also be discussed. Finally, coordination with the Federal Emergency Management Agency (FEMA) for the purpose of revising or amending Flood Insurance Rate Maps will also be

introduced.

The second part of the presentation (approximately 45-60 minutes) deals with the specific steps/methodology required when conducting hydrologic and hydraulic (H&H) engineering analyses for flood-prone areas. H&H analyses are often required to obtain permits for certain types of floodplain development. This portion of the presentation would be most useful for engineers that conduct H&H analyses as well as those individuals responsible for establishing the scope of work for projects within floodprone areas.

The mission of the Floodplain Management Program is to provide leadership to local governments, state agencies, and interested parties toward cooperative management of Ohio's floodplains to ensure the reduction of flood damage and the recognition of the floodplain's natural benefit. The information contained in the presentation will help the design professionals to better serve their clients while helping to fulfill the mission of the Floodplain Management Program.

The Floodplain Management Program is currently trying to determine the amount of interest in the workshop so that we can determine size, location, and frequency of delivery of the session. If you would like the Floodplain Management Program to speak to your company, or would like to participate in a group workshop, please contact George Meyers at george.meyers@dnr.state.oh.us or (614) 265-6635. 

ODNR is Host to FEMA Region V Conference



**BY: STEVE FERRYMAN, CFM,
ENVIRONMENTAL SPECIALIST
DIVISION OF WATER**


Representatives from FEMA Region V (which includes Ohio, Indiana, Illinois, Minnesota, Wisconsin, and Michigan) meet twice per year to discuss floodplain issues specific to this region. The spring meeting usually takes place near FEMA Region V headquarters in Chicago; the states rotate hosting the fall meeting. This year's FEMA fall conference took place on November 6-8, 2001 at Shawnee Resort in Southern Ohio where conference attendees enjoyed three beautiful days in Ohio's Appalachian foothills. The weather each day was in the low 70's with a sprinkling of clouds in the sky. After-hours activities included a hay wagon ride, guided hike and a cookout.

To facilitate coordination between the National Flood Insurance Program (NFIP) and Emergency Management Agency (EMA) pieces of the floodplain management puzzle, the State Hazard Mitigation Officers (SHMO)s in FEMA Region V held concurrent sessions. Opening remarks and several other meeting sessions combined NFIP and EMA professionals.

Mr. Dale Shipley, Executive Director of the Ohio Emergency Management Agency, emphasized the important and growing partnership between the NFIP and EMA professionals in his opening remarks. Mr. Jim Morris, Chief, ODNR, Division of Water, made opening remarks that focused on Ohio's increased role in pre-disaster mitigation, and the

strengthening of state agency flood risk reduction actions through a governor's executive order.

Other conference topics included the new FEMA Technical Bulletin 10-01, terrorism, the Community Assistance Visit process, the Disaster Mitigation Act of 2000 and a success story by Mr. Doug Cade, Special Projects Director of the Ironton-Lawrence County Area Community Action Organization, and Lawrence County Floodplain Administrator.

Doug gave a presentation on his experience with the NFIP and mitigation projects from a local perspective. Concentrated cooperative efforts by county, state, and federal officials have resulted in a floodplain management turnaround for this Appalachian county and a fitting reminder for the participants as they left Ohio's Appalachian region. 

Severe Weather Awareness Week



**BY CHRISTOPHER M.
THOMS, CFM
ENVIRONMENTAL SPECIALIST,
DIVISION OF WATER**


Governor Robert Taft has proclaimed March 17th through 23rd as Severe Weather Awareness Week. Each year, the OSWC sponsors two awareness weeks to draw attention to the need to prepare for severe weather.

OSWC sends severe weather

information packets tailored for teachers and media statewide. These packets contain statistics and safety tips about flooding, tornados, winter storms, and thunderstorms. Each year a Severe Weather Poster Contest is conducted for elementary students and since the threat of severe weather is with us throughout the year, the winner's poster is used to promote severe weather awareness year-round.

National and state flood recovery costs exceed all other natural disaster costs combined. By incorporating flood damage reduction strategies—starting with the consistent enforcement of your community's flood damage prevention regulations—we can work to reduce the tragic loss of life and property. The OSWC consists of representatives from National Weather Service; State Fire Marshall; Ohio Departments of Aging, Education, Health, Insurance, Natural Resources, and Public Safety; County Emergency Management Director's Association; Red Cross; Ohio Insurance Institute; and the Ohio News Network. These organizations are committed to promoting severe weather safety.

If you would like to receive more information concerning severe weather safety, please contact your county emergency management agency or the local chapter of the Red Cross. For a copy of the educational materials developed in support of this awareness effort contact the Ohio Emergency Management Agency at (614) 799-3695 or download the information from the Ohio EMA Website at state.oh.us/odps/division/ema/

The OSWC encourages you as a local floodplain administrator to take this occasion to promote floodplain and flood hazard awareness. 

Workshop Watch

BY CHRISTOPHER M. THOMS, CFM,
ENVIRONMENTAL SPECIALIST,
DIVISION OF WATER



For a variety of reasons, new (and not-so-new) community officials find that they are the designated local floodplain management official without being fully informed of what that entails. Even most of those who know that floodplain management is one of their responsibilities are not able to devote the majority of their time to this important duty. Assisting local officials with staying abreast of the best in floodplain management and understanding and strengthening their NFIP-participation is much of what our office does.

The local floodplain administrator is responsible for reviewing all SFHA-development (structural and non-structural). To fulfill their NFIP-responsibilities, they need the basic tools of: Flood Damage Prevention Regulations, a FEMA Flood Insurance Study (FIS)*, FEMA Flood maps*, and a permit review process (*if available, FEMA has not produced studies and maps for all NFIP-participating communities). In order for these tools to be used effectively, ODNR offers a variety of floodplain management workshops.

These workshops will again be offered across the state and at the Statewide Conference on Wednesday, August 28th, (see related article on the back cover).

New for this year, we will be offering sessions specifically for design professionals (see related article on page 10).

Contact our office for more information if you would like to participate in any of these workshops or if you would like to be a host for a Flood Loss Reduction Workshop in your area. We will be happy to answer your questions, provide additional information and discuss your training needs.



Floodplain Management Training Available

Insurance Agent Seminars
will be offered on

March 14 th (Richfield)	April 23 rd (Toledo)
April 24 th (Dayton)	April 25 th (Columbus)
May 8 th (Cincinnati)	

A Lender-Flood Insurance Compliance Forum

on June 27th

will be held at the

Ohio Department of Agriculture
Broomfield Administration Building
8995 East Main Street
Reynoldsburg, Ohio 43068

For information on upcoming Agent or Lender seminars call: Rich Slevin, Regional Marketing Manager for the NFIP at (630) 577-1407

FEMA offers on-campus & correspondence courses through the **Emergency Management Institute**

For information or a course catalog describing the Floodplain Management Courses at EMI in Emmitsburg, Maryland

call **(800) 238-3358**

The Antediluvian is produced by the Division of Water and is supported by funding through a FEMA Cooperative Agreement as part of the Community Assistance Program - State Support Services Element of the National Flood Insurance Program. The contents do not necessarily reflect the views and policies of the federal government. Christopher M. Thoms, Editor

Please send address corrections, additions, & other changes to our offices at **1939 Fountain Square Blvd. E-3 Columbus, OH 43224**





**DIVISION OF WATER
1939 FOUNTAIN SQUARE
COLUMBUS, OHIO 43224**

Bob Taft,
Governor

Samuel W. Speck,
Director

James R. Morris,
Chief

Floodplain Management in Ohio – Statewide Conference 2002

A cooperative effort coordinated by: ODNR, OFMA, and FEMA.

August 28th - 29th, 2002

Ramada Plaza Hotel & Conference Center in Columbus, Ohio

Basic Floodplain Management:

- Flood Loss Reduction Workshop
- Petition Ditch
- Social Effects of Flooding

Advanced Floodplain Management:

- Ohio Commercial Building Code with Floodplain Criteria
- Administering Flood Damage Prevention Regulations Through Building Codes
- Understanding FEMA Technical Bulletins 10-01 & 11-01
- Enforcement – Case Studies in Resolving Noncompliance with the NFIP
- How to Administer a Flood Hazard Mitigation Project

Engineering/Technology in Floodplain Management:

- Considerations for Hydraulic Modeling
- Techniques for Estimating Rainfall Runoff Using USGS Regression Equations
- Development Standards for Projects in the 100-Year Floodplain

- How to Survive an ODNR Community Assistance Visit
- Who Are Your Partners for Local Floodplain Management?
- Mitigation Planning/Disaster Mitigation Act of 2000

- ODNR Higher Standards Model
- No Adverse Impact
- Strategies for Addressing Flooding in Unmapped Floodplains
- Natural Stream Channel Design in Floodplains

- GIS – An ODNR Program Update
- Utilizing GIS for Comprehensive Floodplain Management
- Letter of Map Changes (LOMCs)



**Become a
Certified
Floodplain
Manager!**

The ASFPM Certified Floodplain Manager Exam will be offered in coordination with "Floodplain Management in Ohio-Statewide Conference 2002" on Tuesday, August 27th, 2002.

Additional information will be posted at:
<http://www.floods.org>

For more information regarding this conference, please contact: ODNR Division of Water – Floodplain Management Program at 614-265-6750 or

E-mail: alicia.silverio@dnr.state.oh.us

Additional Sessions to be Announced/Sessions Subject to Change...