

# *WebShop*



*NOAA Auditorium - June 26-28, 1996*

## *Putting The Web To Work In NOAA*

**NOAA Webshop '96, a technology and policy forum for NOAA managers and developers interested in understanding and shaping NOAA's future on the World Wide Web.**

**WWW: <http://www.grdl.noaa.gov/Webshop96/>**

**Sponsored by the ESDIM Office**

# AN INVITATION FROM ESDIM

This year's WebShop theme "Putting the Web to Work in NOAA" reflects a realization that the World Wide Web technologies and the Internet's national and international reach have matured to the point of being an integral part of NOAA's information dissemination strategy. We are in the midst of a global information revolution and NOAA is very much on the forefront not only in terms of the technology applications but also it's public image on the Web. In addition to the Web becoming an effective mechanism for reaching the citizen, the technology now holds the promise of being an important tool in conducting our internal "business processes," leading to much more efficient day-to-day operations. The NOAA WebShop '96 has been organized to provide a forum for developers and managers to assess how far we have come and where we need to go, as well as to exchange ideas on how we may best exploit the rapidly emerging information technology in meeting NOAA's mission.



## NOAA WebShop'96 Agenda

### KEY

AUD: Auditorium  
SC: Science Center  
CR: SSMC4 Conference Room

10:15 *Web Utilization Impacts and Direction for NOAA Line Offices*

NOAA Deputy Assistant Administrators' Panel Discussion **AUD**

Gregory Withee (moderator), NESDIS  
Dave Evans, NOS  
Susan Zevin, NWS  
Nancy Foster, NMFS  
Chandrakant Bhumralkar, OAR

**WEDNESDAY** June 26, 1996

8:30 **WELCOME AND OPENING REMARKS**  
Diana Josephson, NOAA Deputy Under Secretary for Oceans and Atmosphere **AUD**

*NOAA's Data and Information Services in the Electronic Age*  
Robert Winokur, NOAA Assistant Administrator, NESDIS **AUD**

**AWARDS PRESENTATION** — Best of the Web in NOAA **AUD**

9:20 *NOAA and the Web: Scenes from the Road Ahead*  
Jim Holbrook, Deputy Director, Pacific Marine Environmental Laboratory **AUD**

10:00 **BREAK**

### TECHNICAL PRESENTATIONS

*Database Access* **SC**

11:15 *Integration of NOAA Data Center Services through the Internet*  
Ken Hadeen, Director, National Climatic Data Center **AUD**

12:00 **LUNCH ON YOUR OWN**

1:00 **PRESENTATIONS**  
*Utilization of the Web in Support of NOAA "Business Processes"* **AUD**

**TECHNICAL PRESENTATIONS**  
*Development of a NOAA Integrated Environmental Information System* **SC**

3:00 BREAK

3:15 PRESENTATIONS  
*Reaching the Citizen through the Web — I* AUD

TECHNICAL TUTORIAL  
*Web Data Server Integration into a NOAA Distributed Environmental Information System — NOAA Server Project Approach* SC

5:15 ADJOURN

**THURSDAY June 27, 1996**

7:30 NOAA WEBMASTER MEETING  
 Bruce Baker, NCDC/NESDIS, and Janet Ward, HPCC AUD

8:30 *Use of NOAA On-line Data by the Nation's Educational System*  
 Panel Presentations, Ted Habermann (moderator), NESDIS and GLOBE Program AUD

TECHNICAL PRESENTATION  
*Visualization Technologies and Methodologies* SC

9:15 *The Coming Web Technologies — Trends and Impacts*  
 Joseph Hardin, Director, Software Development Group, National Center for Supercomputing Applications AUD

10:00 BREAK

10:15 *Cyberlaw — Legal and Policy Considerations for NOAA's Web-based Information Dissemination*, Perz Brennan AUD

TECHNICAL TUTORIAL  
*Java for C/C++ Programmers*, Steve Fritzing, Java Technologist, Sun Microsystems SC

12:00 LUNCH ON YOUR OWN

1:00 TUTORIAL  
*Setting Up Your Computer Program for Browsing the Web*, Bruce Baker, National Climatic Data Center AUD

TECHNICAL PRESENTATION  
*Advanced Techniques* SC

1:45 TUTORIAL  
*Web Page Authoring Tools and Methods — It's not just for experts anymore!*, Lawrence Charters,

National Ocean Service AUD

2:30 BREAK  
 2:45 PRESENTATIONS  
*Reaching the Citizen through the Web — II* AUD

PRESENTATIONS  
*Reaching the Citizen through the Web — III* SC

3:45 AUDIENCE PARTICIPATION DISCUSSION  
*Topic: NOAA on the Web — Lessons Learned, Future Directions*  
 All conference attendees are requested to convene in the Auditorium for an open discussion. AUD

5:00 ADJOURN

**FRIDAY June 28, 1996**

9:00 TECHNICAL TUTORIAL  
*Implementing and Managing a Web Site*, Kim Stephenson, Server Development Team, National Center for Supercomputing Applications CR

VENDOR DEMONSTRATIONS SC

10:20 BREAK

10:30 TECHNICAL TUTORIAL (continues) CR

TECHNICAL TUTORIAL  
*Indexed Data Retrieval Systems for the Web*, Ted Habermann, NESDIS and GLOBE Program SC

12:00 LUNCH ON YOUR OWN

1:00 TECHNICAL TUTORIAL  
*Monitoring Your Web Server*, Allan Darling, Office of Systems Operations / National Weather Service

AUDIENCE PARTICIPATION DISCUSSION  
 "Birds of a Feather" discussion on *Common Statistics Needed by NOAA to Assess Web Servers Performance Across the Agency* CR

VENDOR DEMONSTRATIONS SC

3:00 ADJOURN



# NOAA WebShop'96

Development of and conducting the NOAA WebShop'96 could not have been accomplished without the voluntary and dedicated efforts of numerous individuals. The following individuals contributed to the planning and execution of this event.

## Planning Committee

<b>C. Bruce Baker</b> NESDIS / NCDC	<b>Tom McIntyre</b> NMFS / PR2
<b>Gerald Barton</b> NESDIS / ESDIM	<b>Don Mock</b> OAR / CDC
<b>John C. Bortniak</b> NMFS F / OM2	<b>Lara Petze</b> NOS
<b>Kevin S. Brown</b> NMFS	<b>Randy Philipp</b> NOS / NGS
<b>Lawrence Charters</b> NOS / MB	<b>Liz Pritchard</b> NMFS / FRE1
<b>Ernest Daddio</b> NESDIS / ESDIM	<b>Paul Quicker</b> OAR / HQ
<b>Allan Darling</b> NWS / OSO	<b>Ronald Salz</b> NMFS / FRE1
<b>Eric Davis</b> NESDIS / ESDIM	<b>George Saxton</b> NESDIS / ESDIM
<b>Jackie Falls</b> NMFS	<b>Emily Sieger</b> NMFS
<b>Jim Fenix</b> NWS / OSO	<b>Milton Smith</b> OAR
<b>Karen Foster</b> NMFS	<b>Dave Sutherland</b> NMFS
<b>Eric Glover</b> NWS / NCEP	<b>Rob Swisher</b> OA / RDC
<b>Ted Habermann</b> NESDIS / NGDC	<b>Peter Topoly</b> NESDIS / OSDPD
<b>Amy Holman</b> OAR / HQ	<b>Bill Turnbull</b> HPCC
<b>Nancy Huang</b> NWS / MB	<b>Kevin Vrieze</b> NESDIS / ESDIM
<b>George Jamerson</b> NESDIS / ESDIM	<b>Chris Ward</b> COP
<b>Perry Jones</b> OA / RDC	<b>Janet Ward</b> HPCC
<b>Tom Loeper</b> NCX2	<b>Sandy Wine</b> OA / ISFO
<b>J. Ross MacKay</b> NOS / OES	

## Technical Sessions Committee

**C. Bruce Baker**  
**Gerald Barton**  
**Ernest Daddio**  
**Ted Habermann**  
**Don Mock**  
**Peter Topoly**

## Special Acknowledgements

**J. Ross MacKay**  
Workshop Home Page

**Tom McIntyre, Eric Davis, Kevin Vrieze**  
Facility, Catering, Registration

**Darrel Mottley**  
Facility Preparation

**Perry Jones**  
Equipment Setup

**Janet Ward**  
Awards

**Jackie Falls**  
Registration