

noaa

mosaic / www workshop

Workshop Program

Learn what the Internet means to NOAA, how it is being used today, and what it will be used for in the future.

Multi-track presentations and technical discussions to meet the information needs of NOAA managers, administrators, and technical staff.

June 13 & 14, 1995
NOAA Science Auditorium
Silver Spring, MD

*Brochure produced by
National Climatic Data Center*

A WELCOME

We are sure you will find NOAA's World Wide Web Workshop stimulating, and productive. The planning committee has labored to create a comprehensive overview of the current and projected usage of the Internet. We hope you will join with others across NOAA to question, to learn, and to share knowledge about the Internet and what it can bring to the agency. The presentations have been designed to both answer questions and raise issues concerning the use of this rapidly evolving new media.

Webshop '95 - Don Cote, Chair

WORKSHOP PROGRAM

Tuesday - June 13, 1995

7:30 Registration in the Lobby

Management Sessions - Auditorium

- 8:15 "NOAA Welcome"
Diana Josephson, NOAA
- 8:30 "Opening Remarks"
Robert Wlnokur, NESDIS
- 9:00 "Home Page Award"
Janet Ward, HPCC
- 9:45 Break
- 10:00 "An Information Marketplace"
Moderator - Capt. W. Turnbull, HPCC
Burgess Allison, MITRE
Lester Welch, DOE
Lawrence Brandt, NSF
- 11:00 "NOAA On-line"
Jim Holbrook, OAR
- 12:00 Lunch (on your own)
- 1:00 "Manager's Guide to the Internet"
George Frank, NOS
- 2:00 "Using the Web for K12 Outreach"
Bob Mahler, CO Alliance for Science
Michael Haney, NSF
Cheryl Garnette, Department of Education
Nancy Foster, NMFS
Ted Haberman, NGDC
- 3:00 Break

Technical Sessions - Exhibit Hall

- 8:15 Televised Auditorium Session
- 8:30 Televised Auditorium Session
- 9:00 Televised Auditorium Session
- 9:45 Break
- 10:00 Developers Track: "Browsing"
- Technical presentations on innovative techniques to make NOAA's data and information accessible over the Internet.
- See back of paper for a list of technical papers.
- 11:00 "Browsing" continued
- 12:00 Lunch (on your own)
- 1:00 Developers Track: "Visualization"
- Presentation of technical papers on innovative techniques to display environmental data and metadata.
- 2:00 "Visualization" continued
- 3:00 Break

Auditorium

- 3:15 **"Internet Information Policy"**
Moderator - Lawrence Charters, NOS
Capt. William Turnbull, HPCC
Sandy MacDonald, FSL
Jim McNamee, DOC
Frank DiGialleonardo, OA
Nikki Bane, NMFS

Exhibit Hall

- 3:15 **See Auditorium Program**

Wednesday - June 14, 1995

Management Sessions - Auditorium

- 8:30 **"The Future of Browsers"**
Joseph Hardin, NCSA
Tim Gelinis, SPRY Inc.
- 9:45 **Break**
- 10:00 **"Internet Security"**
Adam Cain, NCSA
- 11:00 **"Putting the Organization on Internet"**
Bruce Baker, NCDC
- 12:00 **Lunch** (on your own)
- 1:00 **"Effective Information Presentation"**
William Miller, USGS
Paul Fontaine, GSA
- 2:00 **"Cyberlaw"**
Sadie Pitcher, DOC
Scott Charney, Department of Justice
- 3:00 **Break**
- 3:15 **"Where do we go from here?"**
Bruce Baker and Don Mock

Wrap up and discussion of future activities.

Internet Demonstrations

During the breaks, make sure you stop by the HP, SGI, and SUN Internet demonstrations in the southeast corner of the Exhibit Hall to see what's new in Internet software; and then stroll into the north halls to practice using the WWW.

Technical Sessions - Exhibit Hall

- 8:30 **See Auditorium Program**
- 9:45 **Break**
- 10:00 **Developers Track: "Data Access"**
Technical presentations on innovative techniques to make NOAA's data and information accessible over the Internet.
- 11:00 **"Data Access"** continued
- 12:00 **Lunch** (on your own)
- 1:00 **Developers Track: "Development Tools"**
Technical presentations on tricks of the trade that Home Page developers have created or discovered to make it easier to generate and maintain Home Pages.
- 2:00 **"Tools"** continued
- 3:00 **Break**

Webshop Home Page: *J. Ross MacKay*
Registration: *Blair Gollihur*
Arrangements: *Thomas "Mac" McIntyre*
Facilities: *Rob Swisher*
Technical Sessions: *Don Mock / Bruce Baker*
Advisor: *George Jamerson*
Support: *Ernest Daddio / Anne O'Donnell*
Translators for the Hearing Impaired: *Karl Kosiorek / Geri Mu*

Workshop Home Page:
<http://www.grdl.noaa.gov/webshop.html>

TECHNICAL PAPERS

SESSION #1 - BROWSING - TUESDAY, JUNE 13TH (10:00-12:00)

"A Window to the Ocean and Earth Sciences: The NOAA Geosciences Laboratory Home Page", Bob Cheney and Mark Schenewerk - NOAA/NOS Office of Ocean and Earth Sciences

"Utilization of the WWW by National Weather Service Field Offices", David Faciane - NOAA/NWS Tallahassee (FL) Forecast Office, Steven Nelson - NOAA/NWS Norman (OK) Forecast Office

"An El Nino Theme Page: Accessing Distributed El Nino Information", Nancy N. Soreide, James R. Holbrook, Mark W. Renton - NOAA/ERL Pacific Marine Environmental Laboratory

"Building a Home Page or 'What do I put in this darn thing anyways?'", Edgar Kleindinst - NOAA/NMFS Northeast Fisheries Science Center

"NGDC's Satellite and Space Physics Data Access and Display System (SPDADS)", Eric A. Kihn, H.W. Kroehl, K.E. Baugh, and E.R. Davis - NOAA/NESDIS National Geophysical Data Center

"Earth and Space Data to the Public via the Internet", David Jones - WRC-TV (Washington, DC), Ron Gird and Pat Stingley - NOAA/NWS Headquarters

"Implementing the NMFS Home Page", Galen Tromble and Mary Furness - NOAA/NMFS Alaska Region

"The Environmental Modeling Center Home Page", Jordan C. Alpert - NOAA/NWS National Meteorological Center

SESSION #2 - VISUALIZATION - TUESDAY, JUNE 13TH (1:00-3:00)

"WWW Visualization and Extraction of Gridded Climate Data with the FERRET Program", Steve Hankin, Jerry Davison, and Ed Harrison - NOAA/ERL Pacific Marine Environmental Laboratory

"Visualization of CRAS Forecast Products on the WWW", Robert M. Aune, Bill Hibbard, and Mark Whipple - NOAA/NESDIS Cooperative Institute of Meteorological Satellite Studies

"A Methodology for Data Visualization on the WWW", Danny E. Brinagar and Bruce Baker - NOAA/NESDIS National Climatic Data Center

"The Space Environment Laboratory's Outside User System: An Internet-Based Resource for Real-Time Space Weather Services", Vi Hill-Raben and Kent A. Doggett - NOAA/ERL Space Environmental Laboratory

"The Implementation of a WWW Interface to the CODIAC System", Wayne Brazille - NOAA/ERL Office of Field Project Support

"Climate Visualization at the National Climatic Data Center", Daniel J. Manns and Wayne Faas - NOAA/NESDIS National Climatic Data Center

"Automated Near-Realtime and On-the-Fly Graphics for Visualization of In-Situ Data as Implemented with General Purpose Reuseable Utilities", Nancy N. Soreide, Mark W. Renton, Dai C. McClurg, and L.C. McCarty - NOAA/ERL Pacific Marine Environmental Laboratory

"Visualizing Environmental Data through Interactive Multimedia", Mark Sutton - NOAA/OGP Global Change Research Program

SESSION #3 - DATA ACCESS - WEDNESDAY, JUNE 14TH (10:00-12:00)

"The NOAA Server Project: Toward a Unified WWW-Based NOAA Information System", Ernest Daddio and Anne O'Donnell - NOAA/NESDIS Environmental Information Services, Wayne Brazille - NOAA/ERL Office of Field Project Support

"The NOAA Data Set Catalog", Darin M. McKeever - NOAA/NESDIS Environmental Information Services, *"The Cooperative Ocean-Atmosphere Research Data Service (COARDS): A Technical Overview"*, Keith R. Searight and Donald R. Mock - NOAA/ERL Climate Diagnostics Center, Steve Hankin - NOAA/ERL Pacific Marine Environmental Laboratory, Bruce Baker - NOAA/NESDIS National Climatic Data Center

"Connecting NOAA on the WWW: Providing a Single User Interface to Distributed Data Services", Julia Collins - NOAA/ERL Climate Diagnostics Center

"The NGDC Metadata Server: Interactive-Hierarchical-Dynamic WWW Access to Metadata and Data", Kevin Frender and Ted Habermann - NOAA/NESDIS National Geophysical Data Center

"The GLOBE Retrospective Data Viewer: Bringing Together the Pieces", Ted Habermann and Ken Tanaka - NOAA/NESDIS National Geophysical Data Center, Steve Hankin and Jerry Davison - NOAA/ERL Pacific Marine Environmental Laboratory, Jeff Pedigo - NOAA/ERL Forecast Systems Laboratory

"Data Distribution via WWW at the National Operational Hydrologic Remote Sensing Center", Tim Seliga - NOAA/NWS National Operational Hydrologic Remote Sensing Center

"Southern Oxidants Study Data Archive WWW interface", Gary Walter, Shawn Roselle, and Ken Schere - NOAA/ERL Air Resources Laboratory

SESSION #4 - DEVELOPMENT TOOLS - WEDNESDAY, JUNE 14TH (1:00-3:00)

"Mosaic and Netscape Turned Inside-out: The Use of Net-Browsers as an In-House Reference Tool", David L. Keller - NOAA/ERL National Severe Storms Laboratory

"WWW Pages and Their Utility on Local Area Networks", Stephen Lesnik - NOAA/NMFS Headquarters

"The Space Environment Laboratory's Outside User System: Updating Near-Real-Time Plots Using Dynamic Documents", Vern Raben - NOAA/ERL Space Environment Laboratory

"Region Selection in WWW Data Access Applications", Paul Quicker - NOAA/ERL Pacific Marine Environmental Laboratory

"Development of an On-line Inventory of the Global Ocean Observing System", Bob Reeves - NOAA/NOS Global Ocean Observing System Information Center

"Using Harvest to Search the Data Archives of the NOAA Climate Diagnostics Center and Other Cooperating Sites", Roland H. Schweitzer - NOAA/ERL Climate Diagnostics Center

"NESDIS' Regional and Mesoscale Meteorology Branch and the WWW", Roger Phillips - NOAA/NESDIS Office of Research

"Use of the WWW for Workshop Management", John Wells - Federal Webmasters Workshop, J. Ross MacKay - NOAA/NOS Office of Ocean and Earth Sciences

SUBSTITUTE PAPERS (as time permits)

"Implementation of the NOAA PORT Users Guide on the WWW", Glenn K. Rutledge and Ronald Smith - NOAA/NWS Headquarters, Carl Staton - NOAA/NESDIS, Leo Holly - UTA Contractor

"Creation and Presentation of Scientific Publication Information on the WWW", Paul Quicker - NOAA/ERL Pacific Marine Environmental Laboratory

"Reinventing ERL Publications Using the WWW", Keith R. Searight and Julia A. Collins - NOAA/ERL Climate Diagnostics Center