NATIONAL PARK SERVICE
WATER/AQUATIC RESOURCES
DIRECTORY
1998



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Water Resources Division Staff

1998

NAME: Jeff Albright

NPS UNIT: Water Resources Division

MAIL ADDRESS: National Park Service

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: Albright, Jeff

INTERNET ADDRESS: jeff albright@nps.gov

**PHONE NUMBER:** (970) 225-3528

**FAX NUMBER:** (970) 225-9965

**POSITION OR TITLE:** Hydrologist

ORGANIZATIONAL UNIT: Water Rights Branch

**HOW LONG IN THIS POSITION:** since 1988

### FORMAL EDUCATION:

M.S. Watershed Management, Humboldt State University

B.S. Geography, University of Iowa

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1985-1988, Hydrologist, U.S. Forest Service, Pacific Southwest Forest and Range Experiment Station, Arcata, California

1988-present, Hydrologist, National Park Service, Water Resources Division, Fort Collins, Colorado

## AREAS OF PROFESSIONAL INTEREST:

Instream flow quantification (fisheries, riparian vegetation, sediment transport), field instrumentation and data processing technologies.

NAME: Paul K. Christensen

NPS UNIT: Water Resources Division

MAIL ADDRESS: National Park Service

1001 O 1 D: 1 D: G G G

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: Christensen, Paul

INTERNET ADDRESS: paul christensen@nps.gov

**PHONE NUMBER:** (970) 225-3533

**FAX NUMBER:** (970) 225-9965

**POSITION OR TITLE:** Hydrologist

ORGANIZATIONAL UNIT: Water Rights Branch

**HOW LONG IN THIS POSITION:** since 1990

#### FORMAL EDUCATION:

M.S. Geology, Northern Arizona University, Flagstaff, 1982

B.S. Geology, Idaho State University, Pocatello, 1977

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1990-present, Hydrologist, National Park Service, Water Resources Division, Fort Collins, Colorado. Protection and quantification of water rights and water-related resources of national park units.

1985-1990, Hydrologist, Bureau of Indian Affairs, Billings, Montana, and Albuquerque, New Mexico. Development of ground-water sources, management of water resources, protection and quantification of water rights, and investigations of ground-water contamination on Indian lands.

1981-1985, Hydrologist, North Dakota State Water Commission, Bismarck, North Dakota. Ground water/surface water investigations in glacial-drift areas and hydrologic evaluations of permit applications to withdraw ground water from glacial-drift aquifers for irrigation.

1979-1981, Hydrologist, National Park Service, Southwest Regional Office, Santa Fe, New Mexico. Cooperative Education Program for Graduate Students. Development, maintenance, and protection of water supplies for national park units.

#### AREAS OF PROFESSIONAL INTEREST:

Hydrogeology, regional groundwater flow systems, and isotope.

NAME: Brian L. Cluer

NPS UNIT: Water Resources Division

MAIL ADDRESS: National Park Service

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: Cluer, Brian

INTERNET ADDRESS: brian cluer@nps.gov

**PHONE NUMBER:** (970) 225-3512

**FAX NUMBER:** (970) 225-9965

POSITION OR TITLE: Hydrologist

ORGANIZATIONAL UNIT: Water Rights Branch

**HOW LONG IN THIS POSITION:** since 1998

### FORMAL EDUCATION:

PhD. Geology/Hydrology, Colorado State University, 1997

M.S. Geology/Geophysics, Northern Arizona University, 1987

B.S. Geology, Idaho State University, 1984

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Water well drilling, screen design, development.

Geophysical exploration, gravity modeling of subsurface structures, gravity and aquiter volume.

Glen Canyon Dam EIS.

Channel Response: aerial photography, hydrologic surveying, terrestrial surveying, close range photogrammetry

### AREAS OF PROFESSIONAL INTEREST:

Fluvial geomorphology, hydraulics, channel processes, sediment transport, monitoring design and application

NAME: Mark Flora

NPS UNIT: Water Resources Division

MAIL ADDRESS:

National Park Service

Water Resources Division

NPS-AIR

P.O. Box 25287

Denver, CO 80225-0287

CC:MAIL ADDRESS: Flora, Mark

INTERNET ADDRESS: mark flora@nps.gov

**PHONE NUMBER:** (303) 969-2956

FAX NUMBER: (303) 969-2822

POSITION OR TITLE: Chief, Planning and Evaluation Branch

**ORGANIZATIONAL UNIT:** Planning and Evaluation Branch

**HOW LONG IN THIS POSITION:** since 1993

## FORMAL EDUCATION:

M.S. Environmental Science (Water Resources), Indiana University

B.S. Biological Sciences, University of Notre Dame

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1979 - Hydrological Technician (Seasonal), Indiana Dunes National Lakeshore

1979-1983, Hydrologist, South Florida Research Center, Everglades National Park

1983-1988, Hydrologist, Applied Research Branch, Water Resources Division

1988-1993, Hydrologist, Planning and Evaluation Branch, Water Resources Division

1994-present, Chief, Planning and Evaluation Branch, Water Resources Division

### AREAS OF PROFESSIONAL INTEREST:

Water resources planning, watershed management, water quality

NAME: Chris Gable

NPS UNIT: Water Resources Division

MAIL ADDRESS: National Park Service

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: Gable, Chris

INTERNET ADDRESS: chris gable@nps.gov

**PHONE NUMBER:** (970) 225-3529

FAX NUMBER: (970) 225-9965

**POSITION OR TITLE:** Hydrologist

ORGANIZATIONAL UNIT: Water Rights Branch

**HOW LONG IN THIS POSITION:** since 1993

FORMAL EDUCATION:

B.S. Watershed Science w/minor in Geology, Colorado State University

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Field data collection: establishing water level monitoring stations, processing and analyzing of data (4 years).

Water quality analyst and method research development utilizing inductively coupled plasma instrumentation for the USGS National Water Quality Laboratory (5 years).

## AREAS OF PROFESSIONAL INTEREST:

Data quality and control of collection, documentation and processing procedures sedimentation engineering/geomorphology

William R. Hansen (Bill)

NPS UNIT:

Water Resources Division

MAIL ADDRESS:

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: Hansen, Bill

INTERNET ADDRESS: bill hansen@nps.gov

PHONE NUMBER:

(970) 225-3532

FAX NUMBER:

(970) 225-9965

POSITION OR TITLE: Hydrologist

ORGANIZATIONAL UNIT:

Water Rights Branch

HOW LONG IN THIS POSITION:

**SINCE 1989** 

### FORMAL EDUCATION:

B.S. Watershed Management, Colorado State University

M.S. Hydrology/Watershed Management, New Mexico State University

### PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1998 - present, Program Leader for Adjudications. Responsible for the preparation of evidence and documentation to support NPS administrative and instream flow claims throughout the U.S.

1989 – 1998, Project manager responsible for conducting instream flow studies to support and protect federal reserved and state appropriative water rights. Experience conducting studies to investigate the dependence of water-related resource attributes such as sediment transport, riparian vegetation, native fisheries, hyporheic aquatic insects, hanging gardens, and recreational use on streamflow.

1984 – 1989, Forest Hydrologist for the Gila National Forest (New Mexico). Responsible for the watershed and air program. Provided guidance for land-use activities such as timber harvest, mining, recreational development, fire management, and grazing. Responsible for the Forest watershed restoration program.

1980 - 1984, Hydrologist for the Tonto National Forest (Arizona). Responsible for the water quality monitoring program. Evaluated the impacts of mining and recreational use on Forest lakes and streams.

AREAS OF PROFESSIONAL INTEREST: watershed management and restoration, water rights, fluvial processes

Jeffrey C. Hughes

NPS UNIT:

Water Resources Division

MAIL ADDRESS:

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: Hughes, Jeff

INTERNET ADDRESS: jeff hughes@nps.gov

PHONE NUMBER:

(970) 225-3527

FAX NUMBER:

(970) 225-9965

POSITION OR TITLE: Hydrologist

ORGANIZATIONAL UNIT:

WASO-WRD

HOW LONG IN THIS POSITION:

**SINCE 1988** 

## FORMAL EDUCATION:

B.S. Watershed Management, Colorado State University, 1981

M.S. Watershed Sciences, Colorado State Univerity, 1983

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

10 years, Hydrologist, Water Resources Division, NPS 2 years, Research Associate (Hydrology), Colorado State University/NPS 1 year, Hydrologist, Forest Service

AREAS OF PROFESSIONAL INTEREST:

surface water hydrology, water rights

**NAME:** Richard R. Inglis, Jr. (Rick)

NPS UNIT: Water Resources Division

MAIL ADDRESS: National Park Service

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: Inglis, Rick

INTERNET ADDRESS: rick inglis@nps.gov

**PHONE NUMBER:** (970) 225-3517

FAX NUMBER: (970) 225-9965

**POSITION OR TITLE:** Hydrologist

**ORGANIZATIONAL UNIT:** Water Operations Branch

**HOW LONG IN THIS POSITION:** since 1993

FORMAL EDUCATION:

B.S. Watershed Management, Colorado State University, 1973

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1974, Peace Corps Volunteer. Worked with the Watershed Management and Soil Conservation Service of El Salvador.

1979-1984, District Hydrologist, Bureau of Land Management. Responsible for the soil, water, and air programs and budgets, as well as technical supervision of water resource management in the areas of energy and rangeland hydrology, particularly working with grazing, coal leasing, and oil and gas field hydrology. Established a water quality lab, published a design on sediment sampling equipment, monitored sediment/erosion and watershed studies, and developed watershed management plans.

1984-present, Hydrologist, National Park Service, Water Resources Division. Working in the fields of groundwater development and protection, water shed management, monitoring instrumentation and data management.

### AREAS OF PROFESSIONAL INTEREST:

Fluvial geomorphology, alluvial ground water, and watershed management

NAME: Roy J. Irwin

NPS UNIT: Water Resources Division

MAIL ADDRESS: National Park Service

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: Irwin, Roy

INTERNET ADDRESS: roy irwin@nps.gov

**PHONE NUMBER:** (970) 225-3520

FAX NUMBER: (970) 225-9965

**POSITION OR TITLE:** Senior Contaminants Specialist, Biomonitoring Coordinator

ORGANIZATIONAL UNIT: Water Operations Branch

**HOW LONG IN THIS POSITION:** since 1992

FORMAL EDUCATION:

PhD. Biology/Ichthyology/Fish Ecology

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

23 years on-the-job training in environmental toxicology and biomonitoring: various positions with EPA, FWS, and NPS.

#### AREAS OF PROFESSIONAL INTEREST:

Contaminants, environmental toxicology, biomonitoring, experimental design of field studies, ecological risk assessment, contaminants data interpretation, protocols for fish and aquatic invertebrate field monitoring, development of environmental contaminants encyclopedia database.

**NAME:** Bill Jackson

NPS UNIT: Water Resources Division

MAIL ADDRESS: National Park Service

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: Jackson, Bill

INTERNET ADDRESS: bill\_jackson@nps.gov

PHONE NUMBER: (970) 225-3503

FAX NUMBER: (970) 225-9965

**POSITION OR TITLE:** Chief, Water Operations Branch

**ORGANIZATIONAL UNIT:** Water Operations Branch

**HOW LONG IN THIS POSITION:** since 1989

### FORMAL EDUCATION:

B.S. Mechanical Engineering, University of Michigan (Go Blue)

M.S. Natural Resources Planning, University of Michigan

Ph.D. Hydrology, Oregon State University

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Planner, Maryland Department of Natural Resources

Hydrologist, Bureau of Land Management

Hydrologist, Rivers, West, Inc.

Hydrologist/Chief, Water Operations Branch, Water Resources Division, National Park Service

# AREAS OF PROFESSIONAL INTEREST:

Erosion and sedimentation; fluvial geomorphology (stream channel processes); stream riparian management; surface water hydrology and open channel hydraulics; interdisciplinary studies.

NAME: Dan B. Kimball

NPS UNIT: Water Resources Division

MAIL ADDRESS: 1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: Kimball, Dan

INTERNET ADDRESS: dan\_kimball@nps.gov

PHONE NUMBER: (970) 225-3501

FAX NUMBER: (970) 225-9965

POSITION OR TITLE: Chief, Water Resources Division

ORGANIZATIONAL UNIT: Office of the Division Chief

HOW LONG IN THIS POSITION: 4 years

## FORMAL EDUCATION:

M.S. Water Resources Administration, University of Arizona, 1974

B.S. Earth Sciences, Denison University, 1971

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1974-75, Environmental Analyst, Commonwealth Associates Inc.

1975-78, Environmental Scientist, U.S. Environmental Protection Agency, Denver

1978-81, Regional Hydrologist, Office of Surface Mining,

1981-84, Manager, Kaman Sciences Corporation,

1984-93, Chief, Planning and Evaluation Branch, Water Resources Division, National Park Service, Denver

1993-present, Chief, Water Resources Division, National Park Service, Fort Collins

## AREAS OF PROFESSIONAL INTEREST:

Water and natural resources management policy and planning Evaluation of complex regulatory issues Water resources administration and management NAME: Sharon Kliwinski

NPS UNIT: WASO/Water Resources Division

MAIL ADDRESS: National Park Service

18th and C Streets NW, Room 3223

Washington, DC 20240

CC:MAIL ADDRESS: Kliwinski, Sharon

INTERNET ADDRESS: sharon kliwinski@nps.gov

**PHONE NUMBER: (202) 208-4639** 

**FAX NUMBER:** (202) 208-4620

**POSITION OR TITLE:** Environmental Protections Specialist

ORGANIZATIONAL UNIT: Office of the Division Chief

**HOW LONG IN THIS POSITION:** 2 years

FORMAL EDUCATION:

B.S. Environmental Science

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Serves as Washington liaison for the Water Resources Division. Represents NPS in the Department's Clean Water Act Reauthorization efforts. Represents NPS in the Department on water quality issues associated with abandoned mine lands.

Extensive statutory and regulatory experience with the Surface Mining Control and Reclamation Act (coal mining) and coal mine permitting and reclamation.

## AREAS OF PROFESSIONAL INTEREST:

Development, interpretation, and implementation of environmental law and policy; the legislative process; natural resources management as it relates to water quality, mine land remediation and reclamation, and nonpoint source pollution.

NAME: Leslie D. Krueger

NPS UNIT: Water Resources Division

MAIL ADDRESS: National Park Service

NPS-AIR

P.O. Box 25287

Denver, CO 80225-0287

CC:MAIL ADDRESS: Krueger, Leslie

INTERNET ADDRESS: leslie krueger@nps.gov

**PHONE NUMBER:** (303) 969-2815

**FAX NUMBER:** (303) 969-2822

**POSITION OR TITLE:** Natural Resource Specialist

**ORGANIZATIONAL UNIT:** Planning and Evaluation Branch

**HOW LONG IN THIS POSITION:** Since 1994

### FORMAL EDUCATION:

M.A. Biology, University of Nebraska, Omaha

B.S. Water Resources (limnology option), Biology minor, University of Wisconsin Stevens Point

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

6 years, Fish and Wildlife Biologist, Dept. of the Army, Fort McCoy, WI

4.5 years, Environmental Resource Specialist, Corps of Engineers, Omaha, NE

4 years, Natural Resource Specialist, National Park Service, Water Resources Division

### AREAS OF PROFESSIONAL INTEREST:

Wetland ecology/delineation/mitigation, wetland regulation/policy, botany

NAME: Barry A. Long

NPS UNIT: Water Resources Division

MAIL ADDRESS: National Park Service

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: Long, Barry

**INTERNET ADDRESS:** barry\_long@nps.gov

**PHONE NUMBER: (970) 225-3519** 

FAX NUMBER: (970) 225-9965

**POSITION OR TITLE:** Hydrologist

**ORGANIZATIONAL UNIT:** Water Operations Branch

**HOW LONG IN THIS POSITION:** Since 1990

#### FORMAL EDUCATION:

M.S. Forest Hydrology, Oregon State University, 1987

B.S. Watershed Sciences, Colorado State University, 1979

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

5/91 to present, Hydrologist, National Park Service, Water Resources Division, Fort Collins, CO

5/88 – 5/91, Hydrologist, Bureau of Land Management, Phoenix District, Phoenix, AZ

5/87 – 5/88, Hydrologist, Arizona Dept. of Environmental Quality, Phoenix, AZ

9/84 – 7/86, Graduate Research Assistant, Dept. of Forest Engineering, Oregon State University, Corvallis

6/82 – 8/84, Hydrologic Tech., U.S. Forest Service, Forestry Science Lab, Juneau, AK

7/81 – 6/82, Hydrologist, U.S. Forest Service, Tongass National Forest, Wrangell, AK

2/80-7/81, Hydrologist, U.S. Forest Service, Santa Fe National Forest, Santa Fe, NM

5/79-8/79, Physical Science Technician, U.S. Forest Service, Gunnison-Uncompangre-Grand Mesa National Forest, Lake City, CO

9/78-5/79, Watershed Work/Study Assistant, Colorado State University, Fort Collins, CO

#### AREAS OF PROFESSIONAL INTEREST:

Water quality, watershed and riparian management, surface water hydrology, fluvial geomorphology, surface water/ground water interaction, instream flow protection, water resources planning.

NAME: Larry Martin

**NPS UNIT:** Water Resources Division

MAIL ADDRESS: National Park Service

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: Martin, Larry

INTERNET ADDRESS: larry\_martin@nps.gov

**PHONE NUMBER:** (970) 225-3515

**FAX NUMBER:** (970) 225-9965

**POSITION OR TITLE:** Hydrogeologist

**ORGANIZATIONAL UNIT:** Water Operations Branch

**HOW LONG IN THIS POSITION:** Since 1990

### FORMAL EDUCATION:

M.S. Hydrology, University of Idaho

B.S. Environmental Geology, Biology, Chemistry, University of Wisconsin, Oshkosh

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1990-98, Hydrogeologist, National Park Service, Water Resources Division, Fort Collins, CO. hydrogeologic technical assistance and project support for parks.

1989-90, Hydrologist, U.S. Fish and Wildlife Service, Fort Collins, CO. riparian area studies.

1985-88, Hydrologist, U.S. Geological Survey, Cheyenne, WY. Ground water investigations, impacts of surface coal mines on water resources.

1983-85, Wyoming State Engineers' Office, Cheyenne, WY. Water rights, groundwater section.

1981-83, Wyoming Dept. of Environmental Quality, Cheyenne, WY. Impacts of mining on water resources.

1981, Washington State University, Pullman, WA. Research Associate.

1980, Rockwell Hanford Operations, Basalt Waste Isolation Project, Hanford, WA

## AREAS OF PROFESSIONAL INTEREST:

Ground water, barrier island hydrogeology, hydrology of wetlands and riparian areas, water well construction and testing.

NAME: Michael Martin

NPS UNIT: Water Resources Division

MAIL ADDRESS: National Park Service

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: Martin, Mike

**INTERNET ADDRESS:** mike martin@nps.gov

**PHONE NUMBER:** (970) 225-3509

**FAX NUMBER:** (970) 225-9965

**POSITION OR TITLE:** Hydrologist

**ORGANIZATIONAL UNIT:** Water Operations Branch

**HOW LONG IN THIS POSITION:** Since 1991

#### FORMAL EDUCATION:

M.S. Watershed Science, Colorado State University B.S. Environmental Geology, University of Wyoming

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

National Park Service. surface water and open channel flow analysis (floodplain investigations-site reconnaissance, field surveys, geomorphic interpretation, hydrologic analysis, hydraulic modeling, surface water map preparation); water quality evaluation (CERCLA-style hazardous material assessments, consultation with park staff regarding water quality monitoring design and site-specific sampling programs); ground water resource evaluation (pump-test data reduction and analysis, measurement and interpretation of water levels, potentiometric surfaces contouring, and monitoring wells installation)

U.S. Geological Survey. physical, hydrochemical evaluation of springs, streams, and well water from both shallow and deep artesian aquifers; assessment of hydrologic impacts associated with coal mining; statistical analysis of coal spoil water chemistry data.

US Peace Corps - Thailand. Design, construction, and management of ponds, pond systems, and hatchery sub-stations including the procurement and care of broodstock, hormone induced spawning, and management of water quality; organization and supervision of shallow water well drilling operation including drill site location, lithologic logging, and well finishing/development.

### AREAS OF PROFESSIONAL INTEREST:

Fluvial geomorphology, sediment transport, low-temperature geochemistry, hydrogeology, international development and environmental science.

NAME: Dan McGlothlin

NPS UNIT: Water Resources Division

MAIL ADDRESS: 1201

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: McGlothlin, Dan

INTERNET ADDRESS: dan mcglothlin@nps.gov

PHONE NUMBER:

(970) 225-3536

FAX NUMBER:

(970) 225-9965

POSITION OR TITLE: Supervisory Hydrologist, Technical Team Leader

ORGANIZATIONAL UNIT: Water Rights Branch

HOW LONG IN THIS POSITION: Since 1990

### FORMAL EDUCATION:

B.S. Watershed Hydrology, University of Arizona

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

National Park Service - Supervisory Hydrologist, Technical Team Leader. Supports servicewide water rights program, emphasis on the quantification and protection of water rights and water-related resources of national park units.

Bureau of Land Management – Hydrologist, Arizona State Office. Soil, water, and air program manager including technical program guidance, field support, policy and program administration.

Bureau of Land Management – Hydrologist, Phoenix District Office. Technical support to natural resource management programs, water shed hydrology, water rights, groundwater investigations, program management.

Private consultant – Watershed Specialist, Tucson, Arizona. Technical watershed management support to environmental impact statement, water resource development, water resource/rights investigation projects.

AREAS OF PROFESSIONAL INTEREST: water r

water rights, watershed management

NAME: Diana L. Perfect

NPS UNIT: Water Resources Division

MAIL ADDRESS: National Park Service

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: Perfect, Diana L.

INTERNET ADDRESS: diana 1 perfect@nps.gov

**PHONE NUMBER:** (970) 225-3549

**FAX NUMBER:** (970) 225-9965

**POSITION OR TITLE:** Hydrologist

ORGANIZATIONAL UNIT: Water Rights Branch

**HOW LONG IN THIS POSITION:** Since 1996

### FORMAL EDUCATION:

M.E. Geological Engineering, Colorado School of Mines, 1994 B.S. Geological Engineering, Colorado School of Mines, 1980

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1992-1996, Hydrologist, U.S. Geological Survey, Water Resources Division, Yucca Mountain Project, Denver, CO

1980-1990, Senior Geological Engineer, Anadarko Petroleum Group, Denver,

### AREAS OF PROFESSIONAL INTEREST:

Hydrogeology, GIS, data analysis, hydrochemistry, water rights

**NAME:** Charles W. Pettee (Chuck)

**NPS UNIT:** Water Resources Division

MAIL ADDRESS: National Park Service

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: Pettee, Chuck

INTERNET ADDRESS: chuck pettee@nps.gov

**PHONE NUMBER:** (970) 225-3505

FAX NUMBER: (970) 225-9965

POSITION OR TITLE: Chief, Water Rights Branch

ORGANIZATIONAL UNIT: Water Rights Branch

**HOW LONG IN THIS POSITION:** Since 1988

## FORMAL EDUCATION:

M.S. Watershed Science, Utah State University, 1976

B.S. Aeronautical, Astronautical, and Engineering Science, Purdue University, 1973

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1973-74, Engineer, Hughes Aircraft Company, El Segundo, CA

1976-77, Hydrologist, Bureau of Reclamation, Grand Junction, CO

1977-88, Hydrologist, Bureau of Land Management, Dickinson, ND, Lakewood, CO, and Santa Fe, NM

1988-present, Supervisory Hydrologist/Chief, Water Rights Branch, National Park Service, Fort Collins, CO

## AREAS OF PROFESSIONAL INTEREST:

Water rights, surface water, instream flow quantification, hydrothermal system protection

NAME: Gary Rosenlieb

NPS UNIT: Water Resources Division

MAIL ADDRESS: National Park Service

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: Rosenlieb, Gary

INTERNET ADDRESS: gary rosenlieb@nps.gov

**PHONE NUMBER: (970) 225-3518** 

FAX NUMBER: (970) 225-9965

**POSITION OR TITLE:** Hydrologist, Water Quality Coordinator

ORGANIZATIONAL UNIT: Water Operations Branch

**HOW LONG IN THIS POSITION:** 10 years

FORMAL EDUCATION:

M.S. Water Resources Management, University of Wyoming, 1976

B.S. Microbiology, University of Wyoming, 1974

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1978-1987, Hydrologist, Worland District and Wyoming State Office, Bureau of Land Management

1987-present, Hydrologist, Water Resources Division, National Park Service

### AREAS OF PROFESSIONAL INTEREST:

Contaminated surface and ground water characterization and remediation, federal and state water quality regulatory programs and their relationship to technical information needs.

NAME: Gary Smillie

**NPS UNIT:** Water Resources Division

MAIL ADDRESS: National Park Service

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: Smillie, Gary

INTERNET ADDRESS: gary\_smillie@nps.gov

**PHONE NUMBER: (970) 225-3522** 

**FAX NUMBER:** (970) 225-9965

**POSITION OR TITLE:** Hydrologist

**ORGANIZATIONAL UNIT:** Water Operations Branch

**HOW LONG IN THIS POSITION:** Since 1983

FORMAL EDUCATION:

M.S. Civil Engineering, Colorado State University, 1982

B.S. Hydrology and Water Resources, University of Arizona, 1978

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1982-1986, Research Associate, Colorado State University

1980-1981, Graduate Research Assistant, Colorado State University

1978-1979, Project Engineer, Computer Sciences Corporation

1976-1978, Engineering Aide, Agricultural Research Service

## AREAS OF PROFESSIONAL INTEREST:

Surface water hydrology, fluvial processes, hydraulic modeling.

NAME: Dean Tucker

**NPS UNIT:** Water Resources Division

MAIL ADDRESS: National Park Service

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: Tucker, Dean

INTERNET ADDRESS: dean tucker@nps.gov

**PHONE NUMBER:** (970) 225-3516

FAX NUMBER: (970) 225-9965

**POSITION OR TITLE:** Computer Programmer-Analyst

**ORGANIZATIONAL UNIT:** Water Operations Branch

**HOW LONG IN THIS POSITION:** Since 1989

## FORMAL EDUCATION:

Ph.D. Forestry, North Carolina State University

M.S. Natural Resource Management, North Carolina State University

B.S. Outdoor Recreation Management, University of Vermont

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Teaching and consulting

### AREAS OF PROFESSIONAL INTEREST:

GIS, water resources, natural resource management, resource economics, computers, wilderness

NAME: David Vana-Miller

**NPS UNIT:** Water Resources Division

MAIL ADDRESS: National Park Service

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: Vana-Miller, David

INTERNET ADDRESS: david\_vana-miller@nps.gov

**PHONE NUMBER:** (303) 969-2813

FAX NUMBER: (303) 969-2822

POSITION OR TITLE: Hydrologist

ORGANIZATIONAL UNIT: Planning and Evaluation Branch

**HOW LONG IN THIS POSITION:** Since 1995

### FORMAL EDUCATION:

Ph.D. (ABD) Fishery Biology/Aquatic Ecology/Statistics M.S. Marine Biology B.S. Biology

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Surface Water Quality Monitoring Coordinator, Region VIII, U.S. Environmental Protection Agency.

Research Aquatic Ecologist, Corvallis Environmental Research Lab, U.S. Environmental Protection Agency.

Research Fishery Biologist, Rocky Mountain Forest and Experimentation Station, U.S. Forest Service.

Natural Resources Specialist, Denver Service Center, National Park Service.

## AREAS OF PROFESSIONAL INTEREST:

Water quality monitoring, bioassessments, steam fish ecology statistics

Mark Van Mouwerik

NPS UNIT:

Water Resources Division

MAIL ADDRESS:

National Park Service

1201 Oak Ridge Drive, Suite 250

Fort Collins, CO 80525

CC:MAIL ADDRESS: VanMouwerik, Mark

INTERNET ADDRESS: mark vanmouwerik@nps.gov

PHONE NUMBER:

(970) 225-3507

**FAX NUMBER:** 

(970) 225-9965

**POSITION OR TITLE:** 

Assistant Contaminants Specialist

**ORGANIZATIONAL UNIT:** Water Operations Branch

**HOW LONG IN THIS POSITION:** Since 1993

## FORMAL EDUCATION:

M.S. Candidate in Environmental Health, Colorado State University, 1998 B.S. Biology (minor in Spanish), Pacific Lutheran University, Tacoma, WA, 1986

### PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

5/93 – present, Assistant Contaminants Specialist, Water Resources Division, NPS. Write, edit, and compile environmental toxicology database.

6/91 - 7/92, Lab/Field Technician, Colorado State University. Collected and analyzed surface and ground water samples.

4/90 – 8/91, Thesis Project, Colorado State University. Studied 21 wastewater treatment lagoons in western Colorado. Statistically analyzed water quality and design data; microscopically analyzed samples for phytoplankton, zooplankton, and other solids.

### AREAS OF PROFESSIONAL INTEREST:

Fate of chemicals in the environment, toxicity of chemicals in biota, wastewater stabilization ponds.

NAME: Joel Wagner

NPS UNIT: Water Resources Division

MAIL ADDRESS:

National Park Service

Water Resources Division

NPS-AIR

P.O. Box 25287

Denver, CO 80225-0287

CC:MAIL ADDRESS: Wagner, Joel

INTERNET ADDRESS: joel\_wagner@nps.gov

PHONE NUMBER: (303) 969-2955

FAX NUMBER: (303) 969-2822

**POSITION OR TITLE:** Wetlands Program Leader (Hydrologist)

**ORGANIZATIONAL UNIT:** Planning and Evaluation Branch

**HOW LONG IN THIS POSITION:** since 1988

### FORMAL EDUCATION:

M.S. Environmental Science, Indiana University, 1980 B.A. Biology/Chemistry, Indiana University, 1974

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1980-1986, Hydrologist, South Florida Research Center, Everglades National Park 1986-1987, Hydrology Program Manager, South Florida Research Center, Everglades National Park

1988-present, Wetlands Program Leader (Hydrologist), NPS Water Resources Division

### AREAS OF PROFESSIONAL INTEREST:

Wetland hydrology, wetland impact assessment/restoration, wetland delineation (hydric soils/hydrophytic vegetation/hydrology), wetland regulatory/compliance

NAME: Don P. Weeks

NPS UNIT: Water Resources Division

**MAIL ADDRESS:** 

National Park Service

Water Resources Division

NPS-AIR

P.O. Box 25287

Denver, CO 80225-0287

CC:MAIL ADDRESS: Weeks, Don

INTERNET ADDRESS: don weeks@nps.gov

**PHONE NUMBER:** (303) 987-6640

FAX NUMBER: (303) 969-2822

**POSITION OR TITLE:** Hydrologist

**ORGANIZATIONAL UNIT:** Planning and Evaluation Branch

**HOW LONG IN THIS POSITION:** since 1997

### FORMAL EDUCATION:

B.S. Geology, University of Arkansas, 1984 M.S. Geology, University of Arkansas, 1991

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1997-present, Hydrologist, Water Resources Division, Planning and Evaluation Branch

1995-1997, Hydrologist, Big Cypress National Preserve

1989-1995, Hydrogeologist, Woodward-Clyde Consultants

1988-1989, Hydrologist, Big Cypress National Preserve

1985-1987, Hydrological Technician, Buffalo National River

1984, Hydrological Technician, Edwards Aquifer Research and Data Center

1980-1982, Engineering Technician, U.S. Army Corps of Engineers

## AREAS OF PROFESSIONAL INTEREST:

Water resources planning, environmental site assessments, ground water monitoring, wetlands management.

Gary Weiner

NPS UNIT:

Rivers, Trails, and Conservation Assistance, IMDE-RTCA

MAIL ADDRESS:

P.O. Box 25287

Denver, CO 80225

CC:MAIL ADDRESS: Weiner, Gary

INTERNET ADDRESS: gary\_weiner@nps.gov

PHONE NUMBER:

(303) 969-2669

FAX NUMBER:

(303) 969-6676

POSITION OR TITLE: Conservation Planner

ORGANIZATIONAL UNIT:

IMDE-RTCA

HOW LONG IN THIS POSITION:

5 years

## FORMAL EDUCATION:

B.S. Natural Resources, University of Michigan

M.L.A. Landscape Architecture & Environmental Planning, Utah State University

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

River management planning, wild & scenic river studies, watershed planning, trail & greenway planning, forestry, facilitator, and park ranger

AREAS OF PROFESSIONAL INTEREST: river planning, management, and restoration

Alaska Regional And Park Staff

1998

Nancy Deschu

NPS UNIT:

Alaska System Support Office

MAIL ADDRESS:

2525 Gambell Street

Anchorage, AK 99503

CC:MAIL ADDRESS:

Deschu, Nancy

INTERNET ADDRESS:

nancy deschu@nps.gov

PHONE NUMBER:

(907) 257-2624

FAX NUMBER:

(907) 257-2448

POSITION OR TITLE: Hydrologist

ORGANIZATIONAL UNIT: Alaska System Support Office

HOW LONG IN THIS POSITION: Since 1994

## FORMAL EDUCATION:

M.S., Civil Engineering, University of Washington B.A., Zoology, Rutgers College

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Hydrologist, Alaska System Support Office

Acting Chief, Natural Resources, Alaska Region

Natural Resource Specialist, Denver Service Center

Water Resource Specialist, Denali National Park

Research Technician, Everglades National Park

Marine Science Research Assistant/Environmental Educator, Florida Keys

# AREAS OF PROFESSIONAL INTEREST

aquatic ecology

toxicology

marine biology

environmental education

Kenneth F. Karle

NPS UNIT:

Denali National Park and Preserve (DENA)

MAIL ADDRESS:

PO Box 9

Denali National Park, AK 99755

CC:MAIL ADDRESS: Karle, Ken

INTERNET ADDRESS: Ken Karle@nps.gov

PHONE NUMBER:

(907) 683-9549

FAX NUMBER:

(907) 683-9639

POSITION OR TITLE: Hydraulic Engineer

ORGANIZATIONAL UNIT: Division of Research and Resource Management

HOW LONG IN THIS POSITION: Since 1990

## FORMAL EDUCATION:

M.S. Civil Engineering (emphasis water resources engineering) University of Alaska Fairbanks B.S. Mechanical Engineering, University of Alaska Fairbanks

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

State of Alaska, registered Professional Engineer Hydraulic Engineer, DENA, 1990-present Physical Science Technician, DENA, 1988-1990 Research Assistant, Water Resources Center, University of Alaska Fairbanks, 1988-89 Engineering Assistant, Alaska Department of Transportation, 1987.

## AREAS OF PROFESSIONAL INTEREST:

open channel hydraulics channel design restoration of placer-mined watersheds surface water hydrology

Ross Kavanagh

NPS UNIT:

Alaska System Support Office

MAIL ADDRESS:

2525 Gambell Street

Anchorage, AK 99503

CC:MAIL ADDRESS:

Kavanagh, Ross

INTERNET ADDRESS:

ross kavanagh@nps.gov

PHONE NUMBER:

(907) 257-2563

FAX NUMBER:

(907) 257-2448

POSITION OR TITLE: Fishery Biologist

ORGANIZATIONAL UNIT: Biological Resources Team

HOW LONG IN THIS POSITION: Since 1979

### FORMAL EDUCATION:

1966 - B.S. Portland State College - Major: General Science

1970 - B.S. Oregon State University - Major: Fisheries

1973 - M.S. Oregon State University - Major: Fisheries, Minor: Water Resources Planning

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1973 - 1978, Fishery Biologist, Bureau of Land Management, Anchorage District Office

1979 - present, Fishery Biologist, Alaska System Support Office

## AREAS OF PROFESSIONAL INTEREST

Fishery and Aquatic Resource Research (Research Administrator)

Natural Resource Management Policy

NAME: Danny Rosenkrans

NPS UNIT: WRST

MAIL ADDRESS: PO Box 439

Copper Center, AK 99573

CC:MAIL ADDRESS: Rosenkrans, Danny

INTERNET ADDRESS: Danny\_Rosenkrans@NPS.GOV

PHONE NUMBER: (907) 822-7228

FAX NUMBER: (907) 822-7216

POSITION OR TITLE: Geologist

ORGANIZATIONAL UNIT: Resources Management

HOW LONG IN THIS POSITION: 8 years

## FORMAL EDUCATION:

BA Geology, College of William and Mary Graduate Studies in Geology and Geophysics, Boston College

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Minerals exploration geologist 1978-1990

## AREAS OF PROFESSIONAL INTEREST:

Mineral deposits Glaciology Stream restoration Intermountain Regional And Park Staff

1998

NAME: Kevin Berghoff

NPS UNIT: Glen Canyon NRA

MAIL ADDRESS: P.O. Box 1507

Page, AZ 86040

CC:MAIL ADDRESS: Berghoff, Kevin

INTERNET ADDRESS: kevin p berghoff@nps.gov

PHONE NUMBER: (520) 608-6230 (ofc); (520) 608-6539 (water lab)

FAX NUMBER: (520) 608-6283

POSITION OR TITLE: Hydrologist

ORGANIZATIONAL UNIT: Resource Management and Science

HOW LONG IN THIS POSITION: Since 5/95

### FORMAL EDUCATION:

B.S. Watershed Science, Colorado State University

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Hydrologist, NPS-GLCA Hydrologist, NPS-CARE Hydrologic Tech, NPS-WRD

### AREAS OF PROFESSIONAL INTEREST:

Water quality-natural and human induced Water rights issues in the upper and lower Colorado River Basins GIS applications to water resources Stream channel geomorphology NAME: Lewis R. Boobar

NPS UNIT: GLCA

MAIL ADDRESS:

Glen Canyon National Recreation Area

PO Box 1507 Page, AZ 86040

CC:MAIL ADDRESS: Boobar, Lewis

INTERNET ADDRESS: lewis boobar@nps.gov

PHONE NUMBER:

(520) 608-6266

FAX NUMBER:

(520) 608-6283

POSITION OR TITLE: Aquatic Ecologist

ORGANIZATIONAL UNIT: RM

HOW LONG IN THIS POSITION: 1yr

### FORMAL EDUCATION:

PhD Biological Sciences (Aquatic Ecology) MS Entomology BS Wildlife Management AS Forestry

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Chief, Military Disease Hazards Branch, US Army Biomedical Research and Development Laboratory – 7 yrs

Chief, Medical Entomologist to Army Materiel Command Surgeon – 7 yrs

More than 35 peer reviewed journal articles, the most recent on the predaceous diving beetles of Maine

AREAS OF PROFESSIONAL INTEREST: Landscape Ecology, Watershed Management, Aquatic Insect Ecology

NAME: Mary M. Hektner

NPS UNIT: Yellowstone NP

MAIL ADDRESS: P.O. Box 168

Yellowstone National Park, WY

CC:MAIL ADDRESS: Hektner, Mary

INTERNET ADDRESS: mary\_hektner@nps.gov

PHONE NUMBER: (307) 344-2151

FAX NUMBER: (307) 344-2104

POSITION OR TITLE: Resource Management Specialist

ORGANIZATIONAL UNIT: Branch of Natural Resources

HOW LONG IN THIS POSITION: 6 years, 5 months

FORMAL EDUCATION: B.A. Biology, M.S. Plant Ecology

PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Supervisory Botantist, Redwood National Park, 1979-1992

Resource Management Specialist, Yellowstone National Park, 1992-present. Duties include being the park's coordinator for Air, Water and Wetland Resources

#### AREAS OF PROFESSIONAL INTEREST:

vegetation ecology (including wetlands) revegetation, disturbed lands restoration. My duties at Yellowstone have exposed me to air and water resources issues for which my training has been on-the job. I am very much interested in questions of air and water quality as it affects biotic communities. As a coordinator and not a subject matter expert I am interesting in expanding my knowledge base and increasing my effectiveness in assisting non-park subject matter experts address park issues.

NAME: David Larson

NPS UNIT: Amistad National Recreation Area

MAIL ADDRESS: HCR #3, Box 5J

Del Rio, TX 78840

CC:MAIL ADDRESS: Larson, David

INTERNET ADDRESS: david larson@nps.gov

PHONE NUMBER: (830) 775-7491 ext. 204

FAX NUMBER: (830) 775-7299

POSITION OR TITLE: Natural Resources Specialist

ORGANIZATIONAL UNIT: National Park Service

HOW LONG IN THIS POSITION: Started April, 1998.

### FORMAL EDUCATION:

B.S. in Environmental Science, Huxley College of Environmental Studies, Western Washington University, Bellingham, WA. 1991.

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1996-1998. Natural Resources Specialist. Chiricahua National Monument. Willcox, AZ.

1994-1996. Biological Technician. Mount Rainier National Park. Ashford, WA.

1992-1994. Peace Corps. Costa Rica. Forestry Technician.

# AREAS OF PROFESSIONAL INTEREST:

Conservation Biology and Protected Areas Management.

NAME: Carol E. Purchase

NPS UNIT: Big Bend National Park

MAIL ADDRESS: P.O. Box 129

Big Bend National Park, TX 79834

CC:MAIL ADDRESS: Purchase, Carol

INTERNET ADDRESS: carol purchase nps.gov

PHONE NUMBER: (921) 477-1141

FAX NUMBER: (921) 477-1153

POSITION OR TITLE: Hydrologist

ORGANIZATIONAL UNIT: Science and Resource Management

HOW LONG IN THIS POSITION: Since 3/98

#### FORMAL EDUCATION:

M.S. Hydrology, University of Minnesota, St. Paul, 1990

B.S. Botany, University of Washington, Seattle, 1981

### PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1990 to 1998, Forest Hydrologist, Flathead National Forest, Montana 1996 to 1997, two 3 week trips, Watershed Restoration in Madagascar Previous work includes forest inventory and 2 years in West Africa with the Peace Corps

### AREAS OF PROFESSIONAL INTEREST:

Stream channel and water shed restoration, particularly arid land restoration Using GIS for watershed planning and analysis Aquatic ecology

NAME: Mark Wondzell

NPS UNIT: Black Canyon of the Gunnison National Monument

MAIL ADDRESS: BLCA

2465 South Townsend Ave.

Montrose, CO 81401

CC:MAIL ADDRESS: Wondzell, Mark

INTERNET ADDRESS: mark wondzell@nps.gov

**PHONE NUMBER:** (970) 249-1914 ex. 12

**FAX NUMBER:** (970) 240-0504

**POSITION OR TITLE:** Hydrologist

ORGANIZATIONAL UNIT: Natural Resources Division

**HOW LONG IN THIS POSITION:** 4 months

#### FORMAL EDUCATION:

M.S. Ag Engineering (hydrology and water resources), Colorado State University, 1992

B.S. Forestry/Natural Resources Management, Colorado State University, 1983

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1998-present, Hydrologist, NPS, BLCA

1992-1998, Hydrologist, NPS-WRD, Water Rights Branch

1990-1992, Hydrologist, USFWS National Ecology Research Center

1989-1990, Research Associate, NPS-WRD, Water Rights Branch

1983-1989, Biologist, Lead Forest Technician, US Forest Service

#### AREAS OF PROFESSIONAL INTEREST:

Impacts of altered streamflows/groundwater levels on riparian/wetland vegetation, surface water hydrology

Midwest Regional And Park Staff

1998

Ferrin, Randy S.

NPS UNIT:

St. Croix National Scenic Riverway

MAIL ADDRESS:

P.O. Box 708

St. Croix Falls, WI 54024

CC:MAIL ADDRESS: Ferrin, Randy at NP-SACN

INTERNET ADDRESS: Randy\_Ferrin@NPS.GOV

PHONE NUMBER:

715-483-3284 ext 636

FAX NUMBER:

715-483-3288

POSITION OR TITLE: Chief, Resource Management Division

ORGANIZATIONAL UNIT:

Resource Management Division

HOW LONG IN THIS POSITION: September, 1994

### FORMAL EDUCATION:

M.S. Watershed Science, Utah State University

B.A. Biology, Augustana College

PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

SAME AS LAST ENTRY FROM TWO YEARS AGO, PLEASE ADD IT IN

AREAS OF PROFESSIONAL INTEREST: SAME AS ENTRY FOR TWO YEARS AGO, PLEASE ADD IT IN

Jill R. Medland

NPS UNIT:

Midwest Support Office

MAIL ADDRESS:

1709 Jackson St.

Omaha, NE 68102

CC:MAIL ADDRESS: Medland, Jill

INTERNET ADDRESS: jill medland@nps.gov

PHONE NUMBER:

(402) 221-3994

FAX NUMBER:

(402) 221-3480

POSITION OR TITLE: Natural Resource Manager

ORGANIZATIONAL UNIT: MWSO

HOW LONG IN THIS POSITION: 2.5 years

FORMAL EDUCATION:

M.S. Environmental Biology

PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Natural Resource Manager, MWSO, 2.5 years; Environmental Protection Specialist, MWRO, 6 years; Interpreter, JEFF, 2.5 years; Peace Corps Volunteer, Papua New Guinea, Forestry, 2 years.

AREAS OF PROFESSIONAL INTEREST:

ornithology, wetlands, wildlife management, water resources (primarily biological components).

National Capital Regional And Park Staff

1998

**Doug Curtis** 

NPS UNIT:

NCR - System Support Office

MAIL ADDRESS:

NPS - Center for Urban Ecology

4598 MacArthur Blvd. N.W. Washington, DC 20007

CC:MAIL ADDRESS:

Curtis, Doug

INTERNET ADDRESS:

doug curtis@nps.gov

PHONE NUMBER:

(202) 342-1443 ext. 228

FAX NUMBER:

(202) 282-1031

POSITION OR TITLE: Hydrologist

ORGANIZATIONAL UNIT: Stewardship and Partnerships

HOW LONG IN THIS POSITION: Since 1993

#### FORMAL EDUCATION:

M.S. Civil Engineering, Water Resources, University of Maryland

B.S. Civil Engineering, Environmental, University of Maryland

AA. Engineering, Alleghany Community College, Cumberland, MD.

A.A. Forestry, Alleghany Community College, Cumberland, MD

### PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Federal Energy Regulatory Commission, Civil Engineer

Maryland Bureau of Mines, Environmental Inspector

Maryland Forest Service, Forest Technician

# AREAS OF PROFESSIONAL INTEREST

Surface and groundwater systems in urban and wildland settings and aquatic ecology

Northeast Regional And Park Staff

1998

Allan J. Ambler

NPS UNIT:

**DEWA** 

MAIL ADDRESS:

Delaware Water Gap National Recreation Area

Box 294, Old Milford Road

Milford, PA 18337

CC:MAIL ADDRESS: Ambler, Allan

INTERNET ADDRESS: Allan Ambler@nps.gov

PHONE NUMBER:

(717) 296-6952 X 22

FAX NUMBER:

(717) 296-4706

POSITION OR TITLE: Biologist

ORGANIZATIONAL UNIT: Division of Research and Resource Planning

HOW LONG IN THIS POSITION:

5 years

FORMAL EDUCATION:

MS Biology, 1993, East Stroudsburg University, East Stroudsburg PA BS/BA Environmental Studies/Biology, 1990, East Stroudsburg University

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Routine Water Quality Program Manager

NEPA compliance

Section 7 consultation

Inventory and Monitoring terrestrial, avian, and aquatic biota

Stream Classification (Rosgen classification system)

Construction Management/Supervision prior to NPS employment

### AREAS OF PROFESSIONAL INTEREST:

Stream Restoration

Fluvial Geomorphology as a monitoring parameter

NAME: Atkinson, James

NPS UNIT: Shenandoah National Park

MAIL ADDRESS: 3655 U.S Hwy 211 E.

Luray, VA 22835

CC:MAIL ADDRESS: Atkinson, James

INTERNET ADDRESS: james atkinson@nps.gov

PHONE NUMBER: (540) 999-3433

FAX NUMBER: (540) 999-3693

POSITION OR TITLE: Resource Management Specialist

ORGANIZATIONAL UNIT:

HOW LONG IN THIS POSITION: six years

FORMAL EDUCATION:

BS, 1984 (Environmental Studies) Ferrum College; Ferrum, VA

AAS, 1980 & 1983 (Forest and Wildlife Management) Dabney S. Lancaster Community College; Clifton Forge, VA

PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1984 - 1992: Wildlife Biologist; USFWS; Willapa NWR; Ilwaco, WA

1992 - Present: Resource Management Specialist, NPS; Shenandoah National Park

AREAS OF PROFESSIONAL INTEREST: Fisheries and Wildlife Monitoring and Management

Bob Breen

NPS UNIT:

Acadia National Park

MAIL ADDRESS:

P.O. Box 177

Bar Harbor, Maine 04609

CC:MAIL ADDRESS: Breen, Bob

INTERNET ADDRESS: bob\_breen@nps.gov

PHONE NUMBER:

(207) 288-5463

FAX NUMBER:

(207) 288-5507

POSITION OR TITLE: Biologist, air/water

ORGANIZATIONAL UNIT: Division Resource Management

HOW LONG IN THIS POSITION: 10 years

#### FORMAL EDUCATION:

B.S. Animal Science

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1988-1998, Program manager for air and water programs at Acadia NP.

1981-1987, Resource Management Specialist, air, fire mgt., backcountry mgt., oil/gas mgt. Everglades NP.

AREAS OF PROFESSIONAL INTEREST: interested in establishing long-term air and water monitoring monitoring programs to assess trends and sources of anthropogenic pollution, network and develop cooperative relationships with other agencies and groups interested in local and regional approaches to air and water resource management.

NAME: Richard A. Evans

NPS UNIT: Delaware Water Gap National Recreation Area (DEWA)

MAIL ADDRESS:

294 Old Milford Rd.

Milford, PA 18337

CC:MAIL ADDRESS: Evans, Richard

INTERNET ADDRESS: Richard Evans@nps.gov

PHONE NUMBER:

(717) 296-6952

FAX NUMBER:

(717) 296-4706

POSITION OR TITLE: Ecologist

F 1 ...

ORGANIZATIONAL UNIT: DEWA - Research & Resource Planning Division

HOW LONG IN THIS POSITION: 6 years

#### FORMAL EDUCATION:

M.S. Cornell University. Aquatic Ecology & Statistics B.S. University of Wisconsin-Madison. Zoology.

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

3 years @ Aquatec, Inc., Vermont. Completed studies of macroinvertebrates, fish, zooplanton, phytoplankton, & periphyton for a nuclear power plant, a fish hatchery, marina, ski resorts, and hydroelectric dams. Also conducted field & lab. toxicity tests for superfund sites, Boston's sewage treatment system, & others.

6 years @ DEWA. Leader for "Stream Macroinvertebrate Monitoring" project to develop effective protocols and biocriteria for the Upper & Middle Delaware River & tributaries. Leader for "Hemlock Ecosystems" project involving quantitative studies of trees, understory vegetation, birds, small mammals, amphibians, terrestrial arthropods, stream macroinvertebrates, fish, and light and temperature. Coordinate studies with the USGS-BRD, USDA Forest Service, universities, contractors, etc.

#### AREAS OF PROFESSIONAL INTEREST:

- 1. Effective Quantitative Ecological Studies & Monitoring.
- 2. Linking data collection & results to resource decision-making/management, policy, planning, & "interpretation."

Norm Farris

NPS UNIT:

Cape Cod National Seashore

MAIL ADDRESS:

99 Marconi Site Road

Wellfleet, MA 02667

CC:MAIL ADDRESS: Farris, Charles

INTERNET ADDRESS: charles farris@nps.gov

PHONE NUMBER:

(508) 487-3262

FAX NUMBER:

(508) 487-7153

POSITION OR TITLE: Ecologist

ORGANIZATIONAL UNIT: NESO

HOW LONG IN THIS POSITION: 2 years

#### FORMAL EDUCATION:

M.S. Marine Biology, University of Massachusetts, Dartmouth, 1991 Ph.D.Biological Oceanography, University of Rhode Island, 1995

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Fisheries Biologist 1985-1988 for NMFS/Sandy Hook, NJ Biological Scientist Student Trainee 1992-1995 Ecologist NESO 1995-present

# AREAS OF PROFESSIONAL INTEREST:

Coastal and systems ecology Estuarine and salt marsh ecology Nutrient cycling and transport in coastal systems Salt marsh restoration

Jacquelyn L. Katzmire

NPS UNIT:

**DEWA** 

MAIL ADDRESS:

Delaware Water Gap National Recreation Area

Bushkill PA 18324

CC:MAIL ADDRESS: Katzmire, Jacki

INTERNET ADDRESS: jacki katzmire@nps.gov

PHONE NUMBER:

(717) 588-2439

FAX NUMBER:

(717) 588-2780

POSITION OR TITLE: Natural Resource Specialist

ORGANIZATIONAL UNIT: DEWA Maintenance Division

HOW LONG IN THIS POSITION:

2 years

FORMAL EDUCATION:

B.S. Environmental Studies, East Sroudsburg University, 1987

B.A. Biology, East Stroudsburg University, 1987

M.S. Biology, East Stroudsburg University, 1989

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Worked in the field of regulatory compliance since 1989. Trained in wetland delineation methodologies, both 1987 COE manual and 1989 Federal Interagency Manual. COE certification training 1997. Permitting experience includes wide variety of private, commercial, industrial and federal development projects involving wetlands and waterway encroachments. Designed and constructed replacement wetlands. Currently responsible for NEPA Compliance for all park development projects.

#### AREAS OF PROFESSIONAL INTEREST:

NEPA Compliance process

Wetlands enhancement, restoration and creation

Chuck Rafkind

NPS UNIT:

Colonial National Historic Park

MAIL ADDRESS:

Colonial NHP

P.O. Box 210

Yorktown, VA 23690

CC:MAIL ADDRESS: Rafkind, Charles

INTERNET ADDRESS: Charles Rafkind@nps.gov

PHONE NUMBER:

(757) 898-8677 or 898-3400 x49

FAX NUMBER:

(757) 898-8677 or 898-6025

POSITION OR TITLE: Natural Resource Manager

ORGANIZATIONAL UNIT:

RM&VP

HOW LONG IN THIS POSITION:

9+ years

### FORMAL EDUCATION:

B.A. Social Science, University of California, Riverside Graduate of the Natural Resource Management Program, NPS

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

GIS, water planning, partnering, environmental negotiation, conservation planning, IPM, database design and management, Chesapeake Bay Program, erosion, sedimentation, and stormwater management, master planning

AREAS OF PROFESSIONAL INTEREST:

see above

Jeff Shenot

NPS UNIT:

CHOH

MAIL ADDRESS:

C&O Canal NHP

PO Box 4

Sharpsburg, MD. 21782

CC:MAIL ADDRESS: Shenot, Jeff

INTERNET ADDRESS: jeff shenot@nps.gov

PHONE NUMBER:

(301) 714-2218

FAX NUMBER:

(301) 714-2232

POSITION OR TITLE: NRMS

ORGANIZATIONAL UNIT:

Flood Recovery Program

HOW LONG IN THIS POSITION:

2 years

#### FORMAL EDUCATION:

BS, Fish and Wildlife Management, Frostburg State University, 1982

MS, Marine, Estuarine, and Environmental Sciences (wetlands ecology), University of Maryland, 1993

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

NPS:

CHOH (9/96-present), NRMS, GS-401-12

YELL (6-9/88), Bio. Tech. (wildlife) GS-404-5 ISRO (6-9/80), Park Ranger (general) GS-025-4 OLYM (6-9/79), Park Ranger (general) VIP

**FERC** 

OPR (12/92-9/96), Wildlife Biologist GS-486-12/13

**USFS** 

Beaverhead NF, (9/88-2/89), Biol. Tech. (recreation) GS-404-5

**USFWS** 

YNP (5-10/85, 5-10/84), Bio. Tech. (fisheries) GS-404-4 Brigantine NWR (5-9/81), Bio. Tech. (wildlife) GS-404-4

State of MD

DNR (1-11/92), Env. Sci. IV (stream monitoring)

Wash. D.C.

DCRA/WRA (11-12/92) Env. Sci. (water resource monitoring)

Wash. D.C.

DCRA/WRA (7/91-1/92) Fishery Biologist

Env.Sys.Anal.

Private; Env. Consultant (1-12/90) Fish and Wildlife Biologist

#### AREAS OF PROFESSIONAL INTEREST:

Wetlands Science and Management (Professional Wetland Scientist - SWS; 9/95)

Fisheries Science and Management (Certified Fisheries Scientist - AFS; 4/97)

Water Resources Management, Wilderness Management, Endangered Species Biol./Mgt.

NAME: Janet Wise

NPS UNIT: Boston Support Office

MAIL ADDRESS: Saratoga National Historic Park

648 Rte 32

Stillwater, NY 12170

CC:MAIL ADDRESS: Wise, Janet

INTERNET ADDRESS: janet wise@nps.gov

PHONE NUMBER: (518) 664-9821 ext 213

FAX NUMBER: (518) 664-9142

POSITION OR TITLE: Senior Natural Resources Management Specialist

ORGANIZATIONAL UNIT: Boston Support Office

HOW LONG IN THIS POSITION: 1 year

#### FORMAL EDUCATION:

M.S. Natural Resources Policy, University of Michigan, 1988

B.S. Natural Resources, Wildlife Biology, Cornell University, 1982

### PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1996-97, Natural Resources Program Leader, NPS, Colorado Plateau Support Office

1992-95, Physical Sciences Program Manager, NPS, Rocky Mountain Region

1988-90, Regional Resource Management Specialist, Minnesota State Parks

AREAS OF PROFESSIONAL INTEREST: natural resource program management, providing professional support to parks on a variety of natural resources program and project needs

Southeast Regional And Park Staff

1998

NAME: Christine J. Bates

NPS UNIT: Big Cypress National Preserve

MAIL ADDRESS: 33100 Tamiami Trail, East

HCR 61, Box 110 Ochopee, Florida 34141

cc:Mail ADDRESS: Bates, Christine

INTERNET ADDRESS: Christine Bates@nps.gov

PHONE NUMBER: (941) 695-2000, ext. 345

FAX NUMBER: (941) 695-3007

POSITION OR TITLE: Hydrological Technician

ORGANIZATIONAL UNIT: Resource Management Division

HOW LONG IN THIS POSITION: 3.5 years

FORMAL EDUCATION: B.S., Environmental Studies, George Washington University

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Hydrologic Technician, Big Cypress National Preserve Biological Laboratory Technician, Center for Urban Ecology, NCR Lab Assistant, Smithsonian Institution, National Museum of Natural History

# AREAS OF PROFESSIONAL INTEREST:

Water stage and water quality monitoring Wetlands Aquatic ecology Groundwater/ Aquifers NAME: Robert J. Brock

NPS UNIT: Everglades National Park/Dry Tortugas National Park & Preserve

MAIL ADDRESS: 40001 State Road 9336

Homestead, FL 33034-6733

CC:MAIL ADDRESS: Brock, Robert

INTERNET ADDRESS: robert\_brock@nps.gov

PHONE NUMBER: (305) 242-7848

FAX NUMBER: (305) 242-7836

POSITION OR TITLE: Marine Biologist

ORGANIZATIONAL UNIT: Division of Research and Resource Management

HOW LONG IN THIS POSITION: Since 1994

#### FORMAL EDUCATION:

B.S. Environmental Science, Florida International University

M.S. Marine Biology, Nova University Oceanographic Center

Ph.D. Environmental Biology, University of Florida

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1994 - present, Marine Biologist - Everglads National Park

1992-1994, Biologist (Marine) - U.S. Army Corps of Engineers

1986 - 1992, Hydrologist (Biology) - U.S. Geological Survey (WRD)

1979 - 1986, Hydrologic Technician - U.S. Geological Survey (WRD)

### AREAS OF PROFESSIONAL INTEREST:

Use of biological indicators, fish physiology as it relates to environmental quality, impact of exotic species..

Sandee Dingman

NPS UNIT:

Jean Lafitte National Historical Park and Preserve

MAIL ADDRESS:

365 Canal Street, Suite 2400

New Orleans, LA 70130

CC:MAIL ADDRESS: Dingman, Sandee NP-SER

INTERNET ADDRESS: sandee dingman@nps.gov

PHONE NUMBER:

(504) 589-3882 x119

FAX NUMBER:

(504) 589-3851

POSITION OR TITLE: Natural Resource Management Specialist

ORGANIZATIONAL UNIT:

Division of Resource Management

HOW LONG IN THIS POSITION: since Dec 1996

#### FORMAL EDUCATION:

B.S. in Natural Resource Management from Colorado State University with minor in Resource Interpretation

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Natural Resource Management Specialist, NPS-JELA, 1996-present

Park Ranger (interpretation), NPS-JELA, 1995-96

Natural Resource Specialist Co-op, NPS-DSC, 1993-95 (included duties w/ WASO-WRD-PEB)

Biotechnician (Lab Tech), USDA Forest Service, Rocky Mountain Experiment Station, Biogeochemistry Lab, 1992

Lab Technician, Municipal Water/Wastewater Laboratory, 1991

### AREAS OF PROFESSIONAL INTEREST:

wetland science/restoration

environmental compliance

natural resource issue interpretation

NAME: Matt Kulp

NPS UNIT: GRSM

MAIL ADDRESS: Great Smoky Mountains National Park

107 Park HQ Road Gatlinburg, TN 37738

CC:MAIL ADDRESS: Kulp, Matt

INTERNET ADDRESS: Matt Kulp@nps.gov

PHONE NUMBER: (423) 436 - 1254

FAX NUMBER: (423) 436 - 1220

POSITION OR TITLE: Fishery Biologist

ORGANIZATIONAL UNIT: USDI-NPS-GRSM

HOW LONG IN THIS POSITION: 3½ years

#### FORMAL EDUCATION:

B.S. Biology, Pennsylvania State University, 1992M.S. Biology, Tennessee Technological University, 1994

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

USFWS Cooperative Fish and Wildlife Research Unit, Fisheries Technician - Penn State University, 1991-1992

#### AREAS OF PROFESSIONAL INTEREST:

Salmonid Biology and Management Stream Ecology Salmonid Restoration Fish Age and Growth Techniques Inventory and Monitoring Techniques

Joe Meiman

NPS UNIT:

Mammoth Cave National Park

MAIL ADDRESS:

Division of Science and Resources Management

Mammoth Cave National Park Mammoth Cave, Kentucky 42259

CC:MAIL ADDRESS: Joe Meiman@nps.gov

INTERNET ADDRESS: jbmeiman@scrtc.blue.net

PHONE NUMBER:

(502) 749-2508

FAX NUMBER:

(502) 749-2916

POSITION OR TITLE: Park Hydrogeologist

ORGANIZATIONAL UNIT:

HOW LONG IN THIS POSITION: since 8-89

### FORMAL EDUCATION:

BS Geology

MS Geology/Hydrogeology

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Adjunct faculty at Western Kentucky University

### AREAS OF PROFESSIONAL INTEREST:

Genesis of caves and karst lanscapes

Research and design of electronic devices for the monitoring of karst groundwater quality/quantity, and cave atmospheric conditions.

Groundwater tracing.

NAME: Steve Moore

NPS UNIT: GRSM

MAIL ADDRESS: 107 Park Headquarters Road

Gatlinburg, TN 37738

CC:MAIL ADDRESS: Moore, Steve E.

INTERNET ADDRESS: steve\_e\_moore@nps.gov

PHONE NUMBER: (423) 436-1250

FAX NUMBER: (423) 436-1220

POSITION OR TITLE: Fishery Biologist

ORGANIZATIONAL UNIT: NPS

HOW LONG IN THIS POSITION: 13 years

#### FORMAL EDUCATION:

B.S. Biology: Western Carolina University, 1976

M.S. Biology(fisheries) Tennessee Technological University, 1979

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1979 - 1982 Biological Science Technician(fisheries): GRSM

1982 - 1983 Fisheries Biologist III: Fl Game and Fish Commission

1983 - 1985 Biological Scientist Supervisor: Fl Game and Fish Commission

1985 - present Fishery Biologist GRSM

AREAS OF PROFESSIONAL INTEREST: Native fish restoration; Long term monitoring of aquatic systems; Water quality monitoring; development of partnership programs for aquatic monitoring; education of constituent and school groups and cooperative interagency efforts

Bill Perry

NPS UNIT:

Biscayne National Park

MAIL ADDRESS:

PO Box 1369

Homestead, FL 33090

CC:MAIL ADDRESS: Perry, William

INTERNET ADDRESS:

PHONE NUMBER:

(305) 230-1144

FAX NUMBER:

(305) 230-1190

POSITION OR TITLE: Biologist

ORGANIZATIONAL UNIT:

Division of Resource Management

HOW LONG IN THIS POSITION:

1 year

#### FORMAL EDUCATION:

BS, University of North Texas

MS, Biology, University of North Texas

PhD, Biology, Virginia Polytechnic Institute and State University

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Research Associate, water quality and ecotoxicology, Institute for Applied Sciences, Denton, Texas

Biologist, Montana Department of Fish, Wildlife, and Parks, Kalispell, Montana

Fishery Biologist, Department of Energy, FERC, Washington DC

Assistant Professor, Fishery and Aquatic Ecology, West Virginia University, Morgantown, West Virginia

Limnologist (Biologist), US Army Corps, Louisville, KY

At present: Biologist, Division of Resource Management, Biscayne National Park, FL

#### AREAS OF PROFESSIONAL INTEREST:

Ecology of fishes

Fisheries management

Fish and benthic habitat management (water and sediment quality)

David A. Sikkema

NPS UNIT:

Everglades National Park/South Florida Natural Resources Center

MAIL ADDRESS:

40001 State Road 9336

Homestead, FL 33034

CC:MAIL ADDRESS:

dave sikkema@nps.gov

INTERNET ADDRESS:

sikkema@ever.nps.gov

PHONE NUMBER:

(305) 242-7814

FAX NUMBER:

(305) 242-7836

POSITION OR TITLE:

Hydrologist

NPS SERA Coordinator

ORGANIZATIONAL UNIT:

**EVER-Research** 

HOW LONG IN THIS POSITION:

20 years

FORMAL EDUCATION:

BS, University of Miami, 1975

PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Hydrologist with Everglades National Park (1978-present)

AREAS OF PROFESSIONAL INTEREST:

Wetlands Restoration Resources Management NEPA Compliance NAME: Bob Sobczak

NPS UNIT: Big Cypress National Preserve

MAIL ADDRESS: 33100 Tamiami Trial, East (package address)

HCR 61, Box 110 Ochopee, FL 34141

CC:MAIL ADDRESS: Sobczak, Robert

INTERNET ADDRESS: robert sobczak@nps.gov

PHONE NUMBER: (941) 695-2000 x344

FAX NUMBER: (941) 695-3007

POSITION OR TITLE: Hydrologist

ORGANIZATIONAL UNIT: Resource Management Division

HOW LONG IN THIS POSITION: since August 1998

FORMAL EDUCATION:

MS in Hydrology at University of Arizona in Tucson BS in Civil Engineering at Lafayette College in Easton, PA

## PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

I spent the past 4 years working as a consultant for the Cape Cod Commission, Cape Cod National Seashore, and the 4 towns of the outermost part of the Cape Cod peninsula in Massachusetts. This work resulted in completion of a report, poster, and brochure describing water quantity and water quality conditions of the region. I also contributed the hydrological component for a multidisciplinary research project assessing the impacts of nearby groundwater pumping on a system of seasonally-flooded wetlands and kettle ponds on the Outer Cape. Dr. Charles Roman at the University of Rhode Island Cooperative Park Studies Unit (USGS) is the principal investigator of this work.

#### AREAS OF PROFESSIONAL INTEREST:

Professional interests lie in the conjunctive use of ground and surface waters and ecosystem level impacts of water management practices.

Thomas Van Lent

NPS UNIT:

**EVER** 

MAIL ADDRESS:

**Everglades National Park** 

40001 SR 9336

Homestead, FL 33034

CC:MAIL ADDRESS: Thomas\_van\_Lent@nps.gov

INTERNET ADDRESS:vanlent@ever.nps.gov

PHONE NUMBER:

(305) 242-7804

FAX NUMBER:

(305) 242-7836

POSITION OR TITLE: Research Hydrologist

ORGANIZATIONAL UNIT:

EVER/SFRC

HOW LONG IN THIS POSITION:

2 years

#### FORMAL EDUCATION:

B.S.C.E in Civil Engineering from South Dakota State University, M.S.C.E in Civil Engineering from University of Minnesota Ph.D. in Civil Engineering from Stanford University

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

6 years - Water Resources Engineer, developing hydrologic simulation codes and hydrologic data bases, South Florida Water Management District

- 2 years Post-doctoral research associate, University of Virginia, hydrologic research
- 2 years Assist. Professor of Civil Engineering, South Dakota State University
- 2 years Research Hydrologist, Everglades National Park

#### AREAS OF PROFESSIONAL INTEREST:

Stochastic hydrology, subsurface flow and transport, wetlands hydrology

NAME: Roy Zipp

NPS UNIT: Big Thicket National Preserve

MAIL ADDRESS: 3785 Milam

Beaumont, TX 77701

CC:MAIL ADDRESS: Zipp, Roy

INTERNET ADDRESS: roy\_zipp@nps.gov

PHONE NUMBER: (409) 839-2689 ext.225

FAX NUMBER: (409) 839-2599

POSITION OR TITLE: Resources Management Specialist

ORGANIZATIONAL UNIT: Resources Management Division

HOW LONG IN THIS POSITION: Eight months

### FORMAL EDUCATION:

Bachelor of Arts. Major: Biology; Minor: Chemistry. Western Maryland College. 1992.

Masters of Environmental Management. Concentration in Air and Water Resources. Duke University. 1997.

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Field Chemist, Laidlaw Environmental Services, 1992-1993. Biological Technician (seasonal), Mount Rainier National Park, 1993-1995. Resources Management Specialist, Big Thicket National Preserve, 1997-Present.

#### AREAS OF PROFESSIONAL INTEREST:

Human impact mitigation Conservation biology Aquatic ecology Fire ecology and management Environmental education Pacific West Regional And Park Staff

1998

Reed S. Glesne

NPS UNIT:

North Cascades National Park

MAIL ADDRESS:

North Cascades National Park Service Complex

2105 State Route 20

Sedro Wooley, WA 98284-9314

CC:MAIL ADDRESS: Glesne, Reed

INTERNET ADDRESS: reed\_glesne@nps.gov

PHONE NUMBER:

(360) 856-5700 ext 369

FAX NUMBER:

(360) 856-1934

POSITION OR TITLE: Aquatic Ecologist

ORGANIZATIONAL UNIT:

Division of Resource Mgt, Research, Inventory and Monitoring Branch

HOW LONG IN THIS POSITION:

7 years

### FORMAL EDUCATION:

B.S. University of Wisconsin

M.S. Tennessee Technological University

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

U.S. Fish and Wildlife Service (Indiana, Alaska, Wisconsin), 16 yrs National Park Service (NOCA), 7 yrs

AREAS OF PROFESSIONAL INTEREST: stream, lake, and riparian ecology; bio monitoring; macroinvertebrates, fish, and amphibians

NAME: Brannon Ketcham

NPS UNIT: Point Reyes National Seashore

MAIL ADDRESS:

Point Reyes National Seashore Division of Resource Management

Point Reves Station, CA 94956

CC:MAIL ADDRESS: Ketcham, Brannon

INTERNET ADDRESS: brannon ketcham@nps.gov

PHONE NUMBER:

(415) 663-8522 x275

FAX NUMBER:

(415) 663-0469

POSITION OR TITLE: Hydrologist

ORGANIZATIONAL UNIT:

Resource Management

HOW LONG IN THIS POSITION: since 1996

### FORMAL EDUCATION:

M.E.M., Water Resource Management, Nicholas School of the Environment – Duke University, 1996 B.A., Geology, Pomona College, 1994

### PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Hydrologist, Point Reyes National Seashore, 1998 - present Project Hydrologist, NPS - Coho Salmon and Steelhead Trout Restoration Project, 1997 - 1998 Hydrologic Technician, Point Reyes National Seashore, 1996-1997

#### AREAS OF PROFESSIONAL INTEREST:

Watershed Planning and Management Surface Water Hydrology Stream, Wetland, and Riparian Assessment and Restoration Fisheries Management and Restoration (particularly Salmonids)

Mietek Kolipinski

NPS UNIT:

Pacific Great Basin Support Office

MAIL ADDRESS:

600 Harrison Street, Suite 600

San Francisco, CA 94107-1372

CC:MAIL ADDRESS: Kolipinski, Mietek

INTERNET ADDRESS: mietek kolipinski@nps.gov

PHONE NUMBER:

(415) 427-1430

FAX NUMBER:

(415) 744-4043

POSITION OR TITLE: Team Leader, Natural Resources Management & Research

ORGANIZATIONAL UNIT:

Pacific West Region

HOW LONG IN THIS POSITION:

Since 1995

### FORMAL EDUCATION:

B.A. Biology, State University of New York, Buffalo

M.A. Microbiology, State University of New York, Buffalo

Ph.D. Marine Ecology, Schoof of Marine & Atmospheric Sciences, University of Miami, FL

### PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Research experience with marine and freshwater invertebrates, water quality, estuarine ecology, remote sensing and ecosystem mapping.

#### AREAS OF PROFESSIONAL INTEREST:

Aquatic ecology, water resources, wildlife management, invertebrate ecology

Jon L. Riedel

NPS UNIT:

NOCA

MAIL ADDRESS:

7280 Ranger Station Road

Marblemount, WA 98267

CC:MAIL ADDRESS: Riedel, Jon L.

INTERNET ADDRESS:Jon L. Riedel@nps.gov

PHONE NUMBER:

(360) 873-4590 (ext. 21)

FAX NUMBER:

(360-873-4590-pause pause ext. 62)

POSITION OR TITLE: Park Geologist

ORGANIZATIONAL UNIT: Resource Management Division, Branch of Research, Inventory and

Monitoring

HOW LONG IN THIS POSITION: 10 years

### FORMAL EDUCATION:

B.S. Geography, University of Wisconsin, 1982

B.S. Biology, University of Wisconsin, 1982

M.S. Geography, University of Wisconsin, 1987

### PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

1988 to present, Park Geologist, NOCA and consulting geologist at HAFO, FOCL, LARO, OLYM, GLAC and MORA. Focus has been geologic hazards, glacier monitoring, erosion control and climate change.

1996 to present, Area Hydrologist for WRD. Helped Pacific Northwest NPS units with a variety of water and geologic resource issues through the WRD area hydrologist program.

1982-1987, Park Resource Management Technician, NOCA. Conducted resource protection by inventorying and monitoring of back country camp impacts.

1986-1987, Research Technician, University of Wisconsin. Used well log data to map the hydrogeology of southeastern Wisconsin.

1981-1982, Research Technician, University of Wisconsin River Studies Center. Prepared maps and graphics, organized large data files, conducted water quality testing, assisted in field data collection of water quality samples on the upper Mississippi, and assisted graduate students in field logistics.

AREAS OF PROFESSIONAL INTEREST: streambank and reservoir erosion control, geologic hazard management, glacier monitoring, landform mapping, watershed analysis, and climate change research.

Ronald Smith

NPS UNIT:

PORE, GOGA, and MUWO

MAIL ADDRESS:

Coho and Steelhead Restoration Project

Point Reyes National Seashore Point Reyes Station, CA 94956

CC:MAIL ADDRESS: Smith, Ron

INTERNET ADDRESS: ron\_smith@nps.gov

PHONE NUMBER:

(415) 868-0732

FAX NUMBER:

(415) 868-0728

POSITION OR TITLE: Fish Ecologist, Project Coordinator - Coho and Steelhead Restoration Project

ORGANIZATIONAL UNIT:

National Park Service

HOW LONG IN THIS POSITION:

1 year

FORMAL EDUCATION:

B.S. Ecology, Idaho State University

M.S. Ecology/Biology, Idaho State University

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Idaho Department of Fish and Game: Fisheries Research Biologist, Project Leader - Hatchery Trout Evaluations, American Falls Reservoir Fishery Evaluations.

Washington Water Power Company, U.S. Forest Service, and Montana Department of Fish, Wildlife, and Parks: Senior Fisheries Scientist, Project Manager - Lower Clark Fork River Tributary

Survey.

#### AREAS OF PROFESSIONAL INTEREST:

ESA species recovery, management, assessment, and protection. Watershed restoration, assessment, and management. Fisheries restoration, assessment, and management

Don Tiernan

NPS UNIT:

Pacific Island Support Office

MAIL ADDRESS:

300 Ala Moana Blve, Room 6305

Honolulu, HI 96850

CC:MAIL ADDRESS: Tiernan, Don

INTERNET ADDRESS: don\_tiernan@nps.gov

PHONE NUMBER:

(808) 541-2693

FAX NUMBER:

(808) 541-3696

POSITION OR TITLE: Natural Resource Specialist

ORGANIZATIONAL UNIT: Pacific Island SO

HOW LONG IN THIS POSITION:

Since 1993

### FORMAL EDUCATION:

M.S. Yale University

B.S. University of New Hampshire

# PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

22 years of NPS experience, including resource management, general management planning, resource management administration, management administration at the park level, 1 year at the Planning and Evaluation Branch in Denver, and much more.

### AREAS OF PROFESSIONAL INTEREST:

Water resource management and planning and interpretation.

Danette Woo

NPS UNIT:

Pacific Great Basin Support Office

MAIL ADDRESS:

600 Harrison Street, Suite 600

San Francisco, CA 94107-1372

CC:MAIL ADDRESS: Woo, Danette

INTERNET ADDRESS: danette woo@nps.gov

PHONE NUMBER:

(415) 427-1432

FAX NUMBER:

(415) 744-4043

POSITION OR TITLE: Natural Resources Management Specialist

ORGANIZATIONAL UNIT:

Pacific West Region

HOW LONG IN THIS POSITION:

Since 1993

#### FORMAL EDUCATION:

B.A. Economics, University of California at San Diego

M.S. Natural Resources, University of Michigan at Ann Arbor

### PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

Agricultural economist, U.S. Department of Agriculture, Economic Research Service; Economic applications to water demand and supply, Western water policy and forecasting models, state water laws, supply-driven recreational demand analysis, water recreation surveying; demographic analysis tools.

Other research experience includes development of a resource inventory and management plan for YMCA camps in southern Michigan; appropriate technology for cookstoves and fuelwood in Nepal; easements and national wetlands reserve program under the No Net Loss of Wetlands Presidential Initiative (Bush Administration).

### AREAS OF PROFESSIONAL INTEREST:

Socio-economic relationships with and impacts to natural and cultural resources in national parks; environmental compliance; endangered, threatened and sensitive species protection, protection and management of water resources; plant and plant ecology issues; national natural landmarks.

Stan Zyskowski

NPS UNIT:

North Cascades National Park

MAIL ADDRESS:

2105 Highway 20

Sedro Woolley, WA 98284

CC:MAIL ADDRESS: Zyskowski, Stan

INTERNET ADDRESS: stan zyskowski@nps.gov

PHONE NUMBER:

(360) 856-5700 ext. 229

FAX NUMBER:

(360) 856-1934

POSITION OR TITLE: Biological Technician, Fisheries

ORGANIZATIONAL UNIT: North Cascades National Park, Resources Division

HOW LONG IN THIS POSITION: 4 years

FORMAL EDUCATION:

some college (no degree)

PROFESSIONAL EXPERIENCE (INCLUDE PREVIOUS EMPLOYMENT):

4 years with NOCA

16 years with USFS at the Mt. Baker Ranger District (6 in fisheries)

AREAS OF PROFESSIONAL INTEREST: Fisheries, related stocks and habitats.

