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WASHINGTON STATE
DEPARTMENT OF
ECOLOGY

Resource Guide to Wetland Scientists of the Pacific Northwest

Shorelands and Coastal
Zone Management Program
Wetlands Section
Mail Stop PV-11
Olympia, WA 98504
(206) 459-6774

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Resource Guide to Wetland Scientists

Introduction

The Washington Department of Ecology began creating the **Wetland Data Base for the Pacific Northwest** in the Spring of 1986 after sponsoring the conference entitled "Wetland Functions, Rehabilitation and Creation in the Pacific Northwest: The State of our Understanding". The conference became the springboard for assembling a list of wetland experts that could be consulted by other scientists as well as land use planners. The scientists that attended that meeting became the core group that has since expanded to include the names of over 200 wetland experts. These individuals come from many different fields, including plant ecology, wildlife and fisheries sciences, limnology, and hydrology.

The Wetland Data Base has been organized into two parts: (1) **The Resource Guide to Wetlands Scientists** that contains the names and areas of expertise of wetland scientists throughout the Pacific Northwest and (2) **The Wetlands Bibliography of Technical Literature for the Pacific Northwest.** The Bibliography currently contains over 750 individual citations of wetland literature pertaining to the Pacific Northwest. While still not complete the Database is already proving to be useful to private consultants and governmental agencies.

The purpose of the Resource Guide is to facilitate communication between wetland scientists, planners, and governmental agencies. Persons listed in the Resource Guide may be called upon should questions arise in their areas of expertise. The intent is to provide planners and resource managers with sound scientific advice on which to base their decisions.

Because of the nature of this project, it is vital that we keep abreast of any changes of phone, address, or research areas of all participants in the project. Ecology would also like to include the names of additional scientists with expertise in Pacific Northwest wetlands in the Resource Guide. Persons interested in being listed in the Resource Guide should call or write to:

Wetlands Section
Shorelands and CZM Program
Washington Department of Ecology
Mail Stop PV-11
Olympia, WA 98504
(206) 459-6774

HOW TO USE THIS BOOKLET

The Resource Guide to Wetland Scientists is divided into three sections: 1) Directory, 2) Expertise Index, and 3) Person I.D. Index. Together, they make it possible to locate experts from many areas of wetland research.

The Directory is composed of entries for all of the participating wetland scientists. The entries, alphabetized by last name, include the following information: 1) Name, 2) Person I.D. Number, 3) Agency, 4) Address, 5) Research, 6) Library, and 7) System and Function Codes. A sample entry follows:

Bog Ph.D., Dr. Peat ID # 992
Northern College
100 Acidwater
Sphagnum, WA 98502 (206) 459-6774

RESEARCH:
This category includes a summary of the person's research and a description of their expertise.
LIBRARY:
This category contains a list of the size type and availability of libraries and data bases at the individual's disposal.
SYSTEM CODES: 400+500+600+700+999+
FUNCTION CODES: +1+2+3+4+5+6+7+8+9+10+11+12+13+14+15+16+17+

SYSTEM CODES are the wetland systems in which the individual has expertise. The codes are defined as follows:

400 Marine
500 Estuarine
600 Freshwater Impounded
700 Riparian
999 General Wetlands

FUNCTION CODES refer to the wetland functions in which the individual has expertise. The codes are defined as follows:

Hydrology
1. Ground Water Recharge
2. Ground Water Discharge
3. Flood Storage and Desynchronization

Sedimentology
4. Shoreline Anchoring
5. Sediment Trapping

Water Quality
6. Physical Filtration
7. Biochemical Processing

Carbon/Detritus
8. Carbon/Detritus Cycling
Primary Producers
9. Productivity
10. Diversity
11. Complexity
Consumer Support
12. Breeding/Rearing
13. Feeding/Foraging
14. Refuge
15. Migration
Creation/Restoration
16. Wetland Creation
17. Wetland Restoration

The *Expertise Index* (pages 75 - 81) is an index which allows the user to access the I.D. numbers of individuals with specific areas of expertise. The index is divided up by systems - Marine, Estuarine, Freshwater Impounded, Riparian, and General Wetlands. Within each system is the list of wetland function codes (see above). Each function code is followed by a list of the I.D. numbers of individuals with expertise in that system and function.

The *Person I.D. Index* (pages 83 - 89) is a list of the Person I.D. numbers (in ascending order) and the corresponding names of the experts.

To identify individuals with specific expertise, it is necessary to use all three sections of this book. For example, to find individuals with expertise in the restoration of riparian wetlands you would do the following:

1) Look up the function code number for wetland restoration in the list of function codes on page 89 (Wetland Restoration = Function Code "17");
2) Locate the Riparian section of the *Expertise Index* on page 80;
3) Find the number "17" in the function code column and note the Person I.D. numbers which follow (2, 8, 11, 16, ...222);
4) Refer to the *Person I.D. Index* on pages 85 - 89 and look up the names of the individuals with these I.D. numbers. (e.g. I.D. # 2 = Richard Wheeler)
5. Refer to the *Directory* for more information on each individual.

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Resource Guide To Wetland Scientists of the Pacific Northwest

— Directory —

Adams, Paul W. ID # 100
Dept. Forest Engineering
Oregon State University
Corvallis, OR 97331 (503)7543527

RESEARCH:
effects of red alder leaf fall on water quality; effects of logging and slash burning on soil moisture and streamflow; work in Pacific NW; interests in watershed mngmt. and forest practices; two pubs. on leaf litter in streams
LIBRARY:
No library information available.
SYSTEM CODES: 700+
FUNCTION CODES: +5+6+8+

Adamus, Paul R. ID # 140
USEPA Environmental Research Lab
200 SW 35th Street
Corvallis, OR 97333 503 757-4666

RESEARCH:
cumulative effects; criteria for wetland health; water quality;comprehensive assessments of wetland landscapes in Maine (York Co.) and Alaska (city and borough of Juneau); annual review of all wetlands lit. nationwide as related to functional prediction; work in Pacific NW, Southeast, New England
LIBRARY:
4000 photocopied articles on wetland functions available on loan
SYSTEM CODES: 700+999+
FUNCTION CODES: +3+10+

Ages, Alard ID # 192
Institute of Ocean Sciences
PO Box 6000 West Saanich Rd.
Sidney, BC V8l 4B2 604 356-6341

RESEARCH:
Research includes work on numerical modeling of tides and currents in estuaries.Publications on numerical model of Victoria Harbour to predict tidal responce toproposed hydrologic structure. - The Tides in the Fraser River. - The Salinity Intrusion in the Fraser River.
LIBRARY:
6 references on these subjects. Open acess.
SYSTEM CODES: 500+
FUNCTION CODES: +4+5+

Albright, Rick ID # 5
Environmental Protection Agency
M/S 433 1200 6th Ave.
Seattle, WA 98101 (206)4428514

RESEARCH:
Water quality standards; benthic invertebrate community structure & responses to disturbance; estuarine wetland restoration; riparian habitat structure in Grays Harbor, Puget Sound basin; interests in benthic invertebrate community structure & community responses to disturbance
LIBRARY:
No library information available.
SYSTEM CODES: 400+500+
FUNCTION CODES: +10+11+16+

Armstrong, David A. ID # 133
School of Fisheries WH-10
University of Washington
Seattle, WA 98195 (206)5436132

RESEARCH:
population dynamics, recruitment, fisheries of Dungeness crab in Grays Harbor, Willapa Bay, Puget Sound; King crab of SE Bering Sea; substrate, refuge (shell, eelgrass); project impacts from dredging, fill, oil, chemical use (Sevin); means of mitigation;several pubs. on these topics
LIBRARY:
1000+ refs., etc., of Dungeness crab, English sole, crangon shrimp, other fish, substrate, Grays Harbor, Willapa, estuaries available at UW and NMFS
SYSTEM CODES: 400+500+
FUNCTION CODES: +12+13+14+15+

Auler, Ron ID # 55
USDA Forest Service
61431 E. Hwy 224
Estacada, OR 97023 (503)8342276

RESEARCH:
work in southern Cascades; interests in wildlife use of freshwater impounded wetlands
LIBRARY:
No library information available.
SYSTEM CODES: 600+
FUNCTION CODES: +12+13+14+15+

Backman Ph.D., Thomas W.H. ID # 141
U.S. Fish & Wildlife Service (POF)
18th & C St. N.W.
Washington, DC 20240 202 632-7463

RESEARCH:
seagrass ecosystem studies; shrimp fisheries mngmt.; several pubs.; striped bass management; anadromous fish mngmt.
LIBRARY:
No library information available.
SYSTEM CODES: 400+500+
FUNCTION CODES: +9+10+11+14+15+16+17+

Baross, John ID # 109
School of Oceanography WB-10
University of Washington
Seattle, WA 98195 (206)5430833

RESEARCH:
aquatic microbiology; interests in microbiol./biogeochemical processes, microbiol. interactions in volcanic environments, aquatic pathogens, ecosystems evolution
LIBRARY:
extensive refs. of restricted availability
SYSTEM CODES: 400+500+600+
FUNCTION CODES: +7+8+

Bauer, Wolf ID # 72
Shore-Resource Consultant
5622 Seaview Ave. NW
Seattle, WA 98107 (206)7832119

RESEARCH:
geohydraulic systems analyses & aerial photo-documentation of accretion shoreform lagoons, river-mouth estuaries & marine wetlands of Ore., Wash. & British Columbia. Estuary classification system.
LIBRARY:
No library information available.
SYSTEM CODES: 400+500+700+
FUNCTION CODES: +4+5+

Beschta, Robert L. ID # 208
College of Forestry
Oregon State University
Corvallis, OR 97330 503 754-4952

RESEARCH:
Forest hydrology and water quality (sediment and temperature). Numerous publications on this topic. Willing to be consulted in these areas.
LIBRARY:
No library information available.
SYSTEM CODES: 700+999+
FUNCTION CODES: +1+2+3+5+6+16+17+

Bierly, Ken ID # 146
Division of State Lands
1445 State Street
Salem, OR 97310 (503)3783805

RESEARCH:
Meadow & fen vegetation in Big Meadows, Rocky Mountain National Park; work in Pacific NW
LIBRARY:
1500+ refs on wetlands, botany of restricted availability
SYSTEM CODES: 500+600+700+
FUNCTION CODES: +9+16+

Birtwell, Ian K. ID # 68
West Vancouver Lab
4160 Marine Drive
West Vancouver, BC V7V1N6 (604)6667909

RESEARCH:
effects of municipal waste and pulpmill effluent on receiving environment;fish behavior under hydric conditions; ecological studies in estuarine environments; numerous pubs. on these topics; work in Fraser R. estuary and BC coast; interests aquatic toxicology, ecol. and behavior of salmonids
LIBRARY:
refs. avail. on fish ecology and pollution
SYSTEM CODES: 400+500+
FUNCTION CODES: +12+13+15+

Bisson, Peter ID # 17
Weyerhaeuser Co.
Technology Center WTC-1A2
Tacoma, WA 98506 (206)9246329

RESEARCH:
Salmonid ecology; effects of forest practices on stream ecosystems; zoogeography & systematics of freshwater fishes in western Washington & Oregon.
LIBRARY:
2 pubs. in habitat assessment; interests in fish population ecology & stream ecosystem dynamics
SYSTEM CODES: 700+
FUNCTION CODES: +12+13+14+15+16+

Black, R. Allen ID # 198
Department of Forestry and Range Management
Wasington State University
Pullman, WA 99163 509 335-6166

RESEARCH:
Flooding physiology and riparian communities; one publ. Primary area of expertise in ecophysiology and community ecology. Is willing to be consulted in these areas.
LIBRARY:
No library information available.
SYSTEM CODES: 600+700+999+
FUNCTION CODES: +8+9+10+

Bliss, Lawrence C. ID # 64
Dept. of Botany
Univ. of Washington
Seattle, WA 98195 (206)5431942

RESEARCH:
wetland research in Skagit Delta marsh and the Arctic; interests in ecosystem structure and function and plant community patterns
LIBRARY:
30-50 refs avail. on wetlands in NW and elsewhere
SYSTEM CODES: 999+
FUNCTION CODES:

Boersma, P. Dee ID # 202
University of Washington
Institute for Environmental Studies FM-12
Seattle, WA 98195 206 543-1812

RESEARCH:
marine birds; using marine birds as indicators of environmental change; reproductive stratagies of seabirds. Several publications on these subjects.
LIBRARY:
No library information available.
SYSTEM CODES: 400+
FUNCTION CODES: +10+12+13+15+

Bohn, Carolyn ID # 23
University of Nevada, Reno
BLM Box 831
Elko, NV 89801 (702)7384071

RESEARCH:
Effects of grazing on instream bacteria, streambanks & floodplain compaction, flow; groundwater/surface water exchange in semi-arid riparian areas; work in E. Ore. and northern Nevada; several pubs. in these topics
LIBRARY:
No library information available.
SYSTEM CODES: 700+
FUNCTION CODES: +1+2+4+

Bortleson, Gilbert C. ID # 176
U.S. Geological Survey
Water Resources Division
1201 Pacific Ave. - Suite 600
Tacoma, WA 98402 206/593-6510

RESEARCH:
Historical changes of shoreline and wetland in delta areas of Puget Sound. One publ. from research.
LIBRARY:
Avail from USGS open-file services in Denver, CO.
SYSTEM CODES: 600+
FUNCTION CODES: +1+2+3+

Boss, Theodore R. ID # 167
ERT
1716 Heath Parkway
Fort Collins, CO 303 493-8878

RESEARCH:
Transition zone veg. between intertidal marsh and upland in OR and WA. Veg. ecology and net prim prod of selected freshwater wetlands in OR. Control of Spartina patens in Siuslaw Estuary, OR.
LIBRARY:
No library information available.
SYSTEM CODES: 500+600+999+
FUNCTION CODES: +9+10+11+16+

Boule, Marc ID # 120
Shapiro & Assoc., Inc.
1812 Smith Tower
Seattle, WA 98104 (206)6249190

RESEARCH:
habitat evaluation and methodologies, relationship of vegetation communities to frequency & duration of inundation; successional processes; numerous pubs. on these topics
LIBRARY:
annotated wetland bibliography of the state of Wash., U.S. Army Corps Eng.
SYSTEM CODES: 500+600+700+
FUNCTION CODES: +9+10+11+12+13+14+15+16+

Bowlus, Mike ID # 65
U.S. Corps of Engineers
Hazardous Waste Section Geotechnical Branch
PO Box C-3755
Seattle, WA 98124 206 764-6744

RESEARCH:
interests in wetlands; work in Washington
LIBRARY:
restricted refs. on wetland inventory
SYSTEM CODES: 999+
FUNCTION CODES: +1+2+3+6+7

Boyd, Sean ID # 28
Canadian Wildlife Service
P.O. Box 340
Delta, BC V4K3Y3 (604)9468546

RESEARCH:
Estuarine marsh creation; landsat mapping of wetlands; bird-habitat relations study, interior wetlands in Fraser estuary, Fraser Plateau, B.C.; Literature review of various tidal marsh development techs., waterfowl-habitat relations in Palustrine wetlands, B.C.; interest in wetland ecology & consumers in wetlands.
LIBRARY:
100-200 references on topics described above
SYSTEM CODES: 500+600+
FUNCTION CODES: +12+16+

Bradfield, Gary ID # 207
Botany Department
University of British Columbia
Vancouver, BC V6T 2B1 604 228-4993

RESEARCH:
Coastal marsh plant community classification and vegetation/environment relationships. 4 publications on this topic. Primary area of expertise in analysis of structure and diversity gradients in marsh vegetation in coastal British Columbia.
LIBRARY:
Approximately 100 references on coastal marsh ecology. restricted access.
SYSTEM CODES: 500+
FUNCTION CODES: +10+11+17+

Brakke, David F. ID # 203
Western Washington University
Institute for Watershed Studies
Bellingham, Wa 98225 206 676-3136

RESEARCH:
limnology,chemistry of Cascade lakes, acidic deposition: geochemical effects ofand lake chemistry. Numerous publications on these subjects. Primary area of expertise in lake management. Willing to be consulted on limnology, freshwater wetlands, and estuaries.
LIBRARY:
No library information available.
SYSTEM CODES: 600
FUNCTION CODES: +7+13+

Breckenridge, Robert P. ID # 10
Idaho National Engineering Lab.
PO Box 1625
Idaho Falls, ID 83401 (208)5260757

RESEARCH:
sedimentation effects on freshwater wetlands; creation of wetlands in cold desert environments; work in intermountain, west/U.S. general; interests in sedimentation/soils, hydrology; some pubs. in biomass production & chemical cyling in man-made wetlands & development of silvicultural resources & wetland creations
LIBRARY:
25-50 pubs. available in topics listed above
SYSTEM CODES: 600+999+
FUNCTION CODES: +1+2+5+16+

Broch, Edmund ID # 108
Dept. of Zoology
Washington State University
Pullman, WA 99163 (509)3353808

RESEARCH:
ecology of saline lakes; work in north central Washington; interests in closed lakes, limnology, ecology of saline lakes, macrophytes; one report on saline lakes of the Omak Basin
LIBRARY:
No library information available.
SYSTEM CODES: 999+
FUNCTION CODES:

Brown, Rob ID # 73
U.S. Geological Survey, WRD
6520 Mercantile Way
Suite 5
Lansingl, MI 48911 517 377-1608

RESEARCH:
ground-water and surface-water interaction in wetlands; use of wetlands as storm runoff detention systems; hydrologic and nutrient budget studies; work in Minnesota and Wisconsin; various pubs.
LIBRARY:
USGS - Watstore (national dbase)
SYSTEM CODES: 600+999+
FUNCTION CODES: +1+5+6+

Brown, Bernard F. ID # 144
Ducks Unlimited
Box 1693
Wenatchee, WA 98801 (509)6627200

RESEARCH:
interest in habitat for wildlife
LIBRARY:
No library information available.
SYSTEM CODES: 999+
FUNCTION CODES: +13+16+

Brownlee, Michael John ID # 131
Dept. of Fisheries & Oceans (Canada)
1090 W. Pender Street
Vancouver, BC V6E2P2 (604)666-354 ext 1

RESEARCH:
fisheries/forestry interactions, estuarine rehabilitation; hndbk. of Campbell R. Estuary rehab., etc.
LIBRARY:
numerous refs. available on above topics
SYSTEM CODES: 500+700+
FUNCTION CODES: +4+6+10+11+12+13+14+16+

Brueggeman, Jay ID # 116
Envirosphere Co.
10900 NE 8th St.
Bellevue, WA 98004 (206)4514625

RESEARCH:
wetland assessment & mitigation; pubs. on terrestrial & marine birds & mammals; interest also in inverts.
LIBRARY:
300+ refs. available on terr. and marine birds & mammals
SYSTEM CODES: 600+
FUNCTION CODES: +12+13+14+15+

Brunner, Ken ID # 38
U.S. Corps of Engineers, Environmental Resources
PO Box C-3755
Seattle, WA 98124 (206)7643624

RESEARCH:
use of wetlands by birds; wetland plants; wetland boundaries; work in Washington, northern Idaho, NW Montana; 1 pub. (guide to wetland plants of Pacific NW)
LIBRARY:
No library information available.
SYSTEM CODES: 999+
FUNCTION CODES: +12+13+

Burg, Mary E. ID # 152
Washington State Department of Ecology
Shorelands Division
Mail Stop PV-11
Olympia, WA 98504 206/459-6790

RESEARCH:
Estuarine vascular plant communities, primary productivity, environmental gradients (1 pub.). Historical habitat change in wetland ecosystems:estuarine palustrine, freshwater impounded (Master's thesis).
LIBRARY:
Wetland Data Base of PNW.
SYSTEM CODES: 500+600+700+999+
FUNCTION CODES: +9+10+11+

Burge, Richard ID # 80
Washington Dept. Fisheries
1000 Pt. Whitney Rd.
Brinnon, WA 98320 (206)7964601

RESEARCH:
abalone life history and population characteristics; pismo clam pop. charac.; oyster mortality;shellfish mngmt and habitat, aquaculture; several pubs.
LIBRARY:
some refs. avail. on shellfish
SYSTEM CODES: 400+500+
FUNCTION CODES: +10+16+

Burgess, Thomas E. ID # 70
Provincial Ministry of Environment
10334
152 A st.
Surrey, BC V3R7P8 (604)5848822

RESEARCH:
mngmt.-oriented field experiments on wetlands habitats of southwesterly region of mainland; interests in creation/enhancement of wintering habitat for avian wildlife and provision of public recreation facilities/programs; in-house reports
LIBRARY:
No library information available.
SYSTEM CODES: 500+600+
FUNCTION CODES: +8+9+13+14+15+16+

Bush, Gregory ID # 69
METRO Environmental Planning
821 Second Ave. MS92
Seattle, WA 98104 (206)4476619

RESEARCH:
wetland policy development for Puget Sound region, Lake Wash. drainage basin; interests in wetland policy/protection measures, environmental regulation, SEPA, NEPA; 1 pub.
LIBRARY:
No library information available.
SYSTEM CODES: 999+
FUNCTION CODES:

Butler, Robert ID # 71
Canadian Wildlife Service
Box 340
Delta, BC V4K3Y3 (604)9468547

RESEARCH:
toxic chemical effects and population studies of great blue herons; populations studies of western sandpipers & estuarine birds; work in BC & Yukon; 2 pubs. on these topics
LIBRARY:
No library information available.
SYSTEM CODES: 400+500+700+
FUNCTION CODES: +12+13+15+

Calambokidis, John ID # 95
Cascadia Research
Waterstreet Bldg., Suite 201, 218 1/2 W. 4th
Olympia, WA 93501 (206)9437325

RESEARCH:
marine mammal biology, marine bird biology, water quality; work in Pacific NW and Alaska; several pubs. on these topics
LIBRARY:
1000+ refs available on marine mammal sightings & censuses, marine birds and water quality
SYSTEM CODES: 400+500+
FUNCTION CODES: +12+13+

Caldwell, Kenneth ID # 76
Carey/Caldwell Partnership
Rt. 2 Box 219
Vashon Island, WA 98070 (206)4632196

RESEARCH:
freshwater wetland habitat re-creation; wetlands of the Green R. valley; wetland and lake creation; work in Washington and Idaho
LIBRARY:
No library information available.
SYSTEM CODES: 600+999+
FUNCTION CODES: +16+

Campbell Prentice, Alison ID # 41
11410 88th AV
Delta, BC V4C 3B7 604 590-5860

RESEARCH:
salt marsh plant community classification & vegetation/environment relationships in B.C.; one pub. in this topic; salt marsh plant ecology; plant community classification and vegetatiion - environment relationships; 3 publs. on this topic; effects of dyke breaching (to return alienated land to intertidal habitat) on salt marsh vegetation: 1 pub on this subject.
LIBRARY:
No library information available.
SYSTEM CODES: 500+
FUNCTION CODES: +10+17+

Canning, Douglas J. ID # 98
Washington Dept. of Ecology
Mail Stop PV-11
Olympia, WA 98504 (206)4596785

RESEARCH:
work in western Washington; interests in environmental impact analysis and ecotone/boundary determination
LIBRARY:
No library information available.
SYSTEM CODES: 999+
FUNCTION CODES:

Cannon, Dr. Glenn A. ID # 82
Pacific Marine Environmental Lab, NOAA
7600 Sand Point Way, NE
Seattle, WA 98115 (206)5266779

RESEARCH:
physical oceanography of Puget Sound, Strait of Juan de Fuca and Washington coast; various pubs. and NOAA technical reports
LIBRARY:
NOAA's national oceanographic data center avail. refs. on currents & water properties
SYSTEM CODES: 400+500+
FUNCTION CODES:

Casne, Sam ID # 9
U.S. Corps of Engineers
PO Box C-3755
Seattle, WA 98124 (206)7643495

RESEARCH:
work in Washington, Pacific NW wetlands; interests in wetlands identification & delineation and creation
LIBRARY:
No library information available.
SYSTEM CODES: 999+
FUNCTION CODES: +12+13+14+15+16+

Cederholm, Jeff ID # 94
Washington State Dept. Natural Resources
RR1 Box 1375
Forks, WA 98331 (206)3746131

RESEARCH:
work in west Olympic Peninsula; interests in effects of logging and stream ecology and salmon freshwater population dynamics
LIBRARY:
No library information available.
SYSTEM CODES: 600+700+
FUNCTION CODES: +12+13+14+15+16+

Ceska, Adolf ID # 211
Royal B.C. Museum
PO Box 1761
Victoria, BC V8W 2Y1 604 387-2423

RESEARCH:
Taxonomy, ecology, phytogeography of aquatic vascular plants;wetland plant communities. Many papers on these topics. Primary expertise in floristics, phytogeography, and taxonomy of aquatic plants. Is willing to be consulted in these areas.
LIBRARY:
2,450 references in bibliography on floristics of B.C. ; restricted access.
SYSTEM CODES: 500+600+700+999+
FUNCTION CODES: +9+10+11+16+17+

Chamberlain, Nadja ID # 118
Fish & Wildlife Habitat Design
2143 N. Northlake Way
Seattle, WA 98103 (206)5457222

RESEARCH:
3 pilot projects for riparian restoration on revetments on Cedar R. for King Co. Surface Water Mngmt.
LIBRARY:
No library information available.
SYSTEM CODES: 600+700+
FUNCTION CODES: +16+

Chu, Wen-Sen ID # 83
Dept. of Civil Engineering FX-10
University of Washington
Seattle, WA 98195 (206)5457594

RESEARCH:
estuarine circulation & transport modeling; groundwater modeling;20 pubs. on these topics; interests in numerical modeling of fluid flow & contaminant tranport; work in Pacific NW & northern Calif., Taiwan, the Arabian Gulf, and China.
LIBRARY:
refs. avail. on estuary, estuarine circulation of Humboldt Bay, Puget Sound, the Arabian Gulf.
SYSTEM CODES: 400+500+
FUNCTION CODES: +1+2+11+15+

Clairain, Jr., Ellis J. ID # 106
U.S. Army Corps of Engineers
Waterways Experiment Station (WESER-W)
PO Box 631
Vicksburg, MS 39180 (601)6343774

RESEARCH:
creation of wetland habitats (mainly coastal); evaluation of functions and values of wetlands; work nation-wide; several pubs. on these topics
LIBRARY:
6000 refs. available on wetland functions & values
SYSTEM CODES: 500+700+999+
FUNCTION CODES: +4+5+12+13+16+

Conlin, Kevin ID # 157
Dept. of Fisheries and Oceans
80 - 6th Street
New Westminster, B.C., V3L 5B3 604/666-0514

RESEARCH:
Juvenile salmonid use of estuarine, riverine, and marine areas of British Columbia. Wetland restoration. Some pubs and in-house reps on research, incl. Fraser Estuary Comparative Habitat Study.
LIBRARY:
No library information available.
SYSTEM CODES: +400+500+600+700+999
FUNCTION CODES: +12+16+

Cooke, Sarah S. ID # 194
King County Resource Planning
3911 1st. Ave. NE
Seattle, WA 98105 206 5473565

RESEARCH:
Researched long-term affects of urban run-off into wetlands for the Puget Trough wetland study.
LIBRARY:
No library information available.
SYSTEM CODES: 600+700+999+
FUNCTION CODES: +9+10+11+

Cooper, John W. ID # 110
U.S. Fish and Wildlife Service
2625 Parkmont Lane S.W., Bldg. B-3
Olympia, WA 98502 (206)7539440

RESEARCH:
effects of predation on a hydroid in Elkhorn Slough, CA;assessment of wetland mitigation projects in coastal Wash.; interests in invertebrate ecology,and wetland mitigation project planning and study
LIBRARY:
2000+ refs available (federal agency reports)
SYSTEM CODES: 400+500+
FUNCTION CODES: +13+16+

Crawford, Rex ID # 85
Department of Natural Resources
Natural Heritage Program
Mail Stop EX-13
Olympia, WA 98504 206/753-2449

RESEARCH:
Classification and distribution of riparian communities in the Columbia Basin; native wetland riparian communities of E. WA; distribution of natural wetlands of WA.
LIBRARY:
NHP database - limited access.
SYSTEM CODES: +700+999+
FUNCTION CODES: +10+14+

Crecelius, Eric ID # 60
Battelle Northwest
439 West Sequim Bay R.
Sequim, WA 98382 (206)6834151

RESEARCH:
sources & fates of contaminants in Puget Sound; interests in aquatic geochemistry and bioavailability of metals; several pubs. on this
LIBRARY:
No library information available.
SYSTEM CODES: 400+500+600+
FUNCTION CODES: +7+

Cushing, C.E. ID # 3
Geosciences Dept.,Battelle-Pacific NW lab
PO Box 999
Richland, WA 99352 (509)3752654

RESEARCH:
leaf decomposition, primary production, organic energy budgets, allochthonous organic detritus input, secondary production in cold desert streams, eastern Washington. interest in stream ecology, primary productivity, radioecology, secondary productivity, limnology.
LIBRARY:
several thousand reprints on above subjects available on loan or copied.
SYSTEM CODES: 700+999+
FUNCTION CODES: +8+9+10+11+7+

Dahm, Cliff ID # 91
Dept. of Biology
University of New Mexico
Albuquerque, NM 87131 (505)2772850

RESEARCH:
role of the structure of riparian zone on aquatic and interstitial cycling of nutrients; geomorphic control or retention and cycling of nutrients; work in western Oregon; interests in nutrient cycling and primary production; 2 pubs. on these topics
LIBRARY:
No library information available.
SYSTEM CODES: 700+
FUNCTION CODES: +5+7+8+9+16+

Dawe, Neil K. ID # 56
Canadian Wildlife Service
RR1 Site 142 C14
Qualicum, BC V0R2T0 (604)7529611

RESEARCH:
vegetation ecology of coastal wetlands; estuarine and palultrine marsh restoration and monitoring studies; marsh creation and monitoring on east coast of Vancouver Is.; interests in marsh creation in coastal wetlands, bird/habitat relations, vegetation ecology, marsh restoration. Several publications in these topics.
LIBRARY:
No library information available.
SYSTEM CODES: 500+600+
FUNCTION CODES: +10+12+16+17+14+15+3+

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del Moral, Dr. Roger ID # 88
del Moral & Associates
2002 42nd Ave. East
Seattle, WA 98112 (206)3237106

RESEARCH:
salt marshes (Alaska); bogs (Washington) (plus many environmental analyses of wetlands); interests in wetland analysis & classification, enhancement & restoration; two pubs. on these topics
LIBRARY:
No library information available.
SYSTEM CODES: 700+999+
FUNCTION CODES: +9+10+11+16+17+

Determan, Timothy A. ID # 15
Washington Dept. of Ecology
Shorelands and CZM Program
Mail Stop PV-11
Olympia, WA 98504 (206)4596788

RESEARCH:
aquatic contamination from residential and agricultural sources; one pub. on this; state-wide work
LIBRARY:
refs. avail.
SYSTEM CODES: 400+500+
FUNCTION CODES: +5+6+

Dinnel, Paul
School of Fisheries
University of Washington
Seattle, WA 98195

ID # 14

(206)5437345

RESEARCH:
marine ecology, marine toxicology; several pubs. on topics in marine & estuarine waters of Washington
LIBRARY:
available info on Puget Sound water quality and dungeness crab
SYSTEM CODES: 400+500+
FUNCTION CODES: +12+13+14+15+16+

Dion, Norman P.
U.S. Geological Survey
Water Resources Division
1201 Pacific Ave. - Suite 600
Tacoma, WA 98402

ID # 177

206/593-6510

RESEARCH:
Lake hydrology and hydrogeology in the state of Washington.
LIBRARY:
No library information available.
SYSTEM CODES: 600+
FUNCTION CODES: +1+2+

Dueker, Jon K.
Jones & Stokes Associates
1808 136th Place NE
Bellevue, WA 98005

ID # 53

206/641-3982

RESEARCH:
Wetland productivity, edge determinations and value measurements in OR, WA, MT, and CA. Development of computerizable data management system for the biological evaluation of the National Wetlands Inventory. Work primarily in Western U.S. and AK. Also exp in wetland creation and rehab. Pubs; NEPA and SEPA EISs and tech appendices; computer data mgmt sys for wetl class; USFWS National
LIBRARY:
JSA/Bellevue - 1000 volumes; JSA/Sacramento - 9,000 volumes. Restricted availibility.
SYSTEM CODES: 500+600+700+999+
FUNCTION CODES: +3+10+11+12+13+14+15+16+17+

Dumas, Philip C. ID # 216
Central Washington University
Dept. of Biological Sciences
Ellensburg, WA 98926 509 963-3370

RESEARCH:
vertebrates of riparian habitats; primary area of expertise in birds, amphibians and reptiles. Willing to be consulted on ecology and management of riparian vertebrates.
LIBRARY:
No library information available.
SYSTEM CODES: 700+
FUNCTION CODES: +12+13+14+17+

Duxbury, Alyn C. ID # 4
Washington Sea Grant Program
University of Washington
3716 Brooklyn AV NE
Seattle, WA 98105 206 543-6600

RESEARCH:

No information on research activities available.
LIBRARY:
No library information available.
SYSTEM CODES: +400+500+
FUNCTION CODES: +4+5+6+

Ebbesmeyer, C. ID # 93
Evans-Hamilton, Inc.
6306 21st Ave. NE
Seattle, WA 98115 (206)5269520

RESEARCH:
much research on Puget Sound; work in Pacific NW; about 50 pubs. from this research
LIBRARY:
about 1000 refs of restricted availability on biological and physical oceanography
SYSTEM CODES: 400+500+
FUNCTION CODES: +5+

Eckel, Bill ID # 123
King County Basin Planning
770 Dexter Horton Bldg.
710 2nd AV
Seattle, WA 98104 206 334-2544

RESEARCH:
interests in hydrologic computer simulations, stream corridor preservation, wetland protection & enhancement for detention
LIBRARY:
about 860 wetland sites documented in King County Wetland Inventory Data available
SYSTEM CODES: 999+
FUNCTION CODES: +3+9+10+12+13+

Eickstaedt, Larry ID # 214
The Evergreen State College

Olympia, WA 98505 206 866-6000

RESEARCH:
Aquatic entomology. Expertise in freshwater and marine biology.
LIBRARY:
No library information available.
SYSTEM CODES: 400+500+700+
FUNCTION CODES: +12+13+15+

Elmore, Wayne ID # 90
Bureau Land Management
PO Box 550
Prineville, OR 97754 (503)4474115

RESEARCH:
aquifer recharge, base flow recovery; work in central Oregon; interests in riparian recovery, riparian relationships to fish & wildlife
LIBRARY:
No library information available.
SYSTEM CODES: 700+
FUNCTION CODES: +1+5+6+9+13+

Ennis, Gordon L. ID # 164
Department of Fisheries and Oceans
Habitat Management Division
Suite 400, 555 W. Hastings Street
Vancouver, B.C., V6B 5G3 604/666-8667

RESEARCH:
River and wetlands use and regulation in British Columbia.
LIBRARY:
No library information available.
SYSTEM CODES: 999+
FUNCTION CODES: +12+13+14+15+16+17+

Evenden, Angela ID # 155
U.S. Forest Service
Region 1
PO Box 7669
Missoula, MT 59807 406 329-3141

RESEARCH:
wetland plant community ecology, riparian vegetation succession. Interested in restoration of riparian zones.
LIBRARY:
No library information available.
SYSTEM CODES: 700+999+
FUNCTION CODES: +17+10+

Every, A. David ID # 169
Envirosphere Company
5602 12th. Ave. NE
Seattle, WA 98105 206 524-2548

RESEARCH:
Resource inventories, impact assessments, mitigation plans, restoration planning. Expertise in plant species composition, distribution, and interaction and wetlands as wildlife habitat. Willing to be consulted in these areas.
LIBRARY:
No library information available.
SYSTEM CODES: 500+600+700+999+
FUNCTION CODES: +4+5+10+11+16+17+

Ewing, Kern ID # 1
Range Science Dept.
Utah State University
UMC 5230
Logan, UT 84321 801 750-2473

RESEARCH:
plant ecology in Cascade montane, Skagit coastal marsh, James Bay/Hudson Lowlands coastal marsh areas; interest also in environmental planning; several pubs. on these topics. Biohydrology of Great Basin ecosystems.
LIBRARY:
No library information available.
SYSTEM CODES: 500+700+999+
FUNCTION CODES: +4+8+9+10+11+13+16+

Finney, Brad ID # 221
Environmental Resources Engeneering
Humboldt State University
Arcata, CA 95521 707/826-3619

RESEARCH:
Wetland wastewater treatment;wetland hydrolics;management of wetlands for non-point source water treatment. Numerous publications on these subjects. Expertise in wetland water quality modeling and wetland hydrolics. Willing to be consulted on these 2 topics.
LIBRARY:
No library information available.
SYSTEM CODES: 500+999+
FUNCTION CODES: +1+2+7+

Foreman, Dr. Ronald E. ID # 170
University of British Columbia
Botany Dept.
6270 University Blvd.
Vancouver, BC V6T 2B1 604/228-4672

RESEARCH:
Spatial temporal variations in nearshore benthic structure's function in the Strait of Georgia (7-yr program). Nerocystic biology/ecology. Phyclcolloid production by B.C. seaweeds.
LIBRARY:
approx. 40,000 species records of nearshore algae and inverts of the Strait of Georgia. Available on request.
SYSTEM CODES: 400+
FUNCTION CODES: +9+10+11+

Fox, David ID # 172
Columbia River Estuary Study Taskforce (CREST)
750 Commercial St. Rm 214
Astoria, OR 97103 503/325-0435

RESEARCH:
Estuary and wetland resource management and land-use planning. Interdisciplinary estuary scientific research. Primary work in river mile 0-49 of the Col. Riv. Est. Several publications.
LIBRARY:
CREST library, over 2000 refs on estuary biol and phys research (esp the Columbia Riv Est); land & water use planning & law; res mgmt. Most pubs avail on loan.
SYSTEM CODES: 400+500+
FUNCTION CODES: +4+8+9+16+17

Franklin, Jerry F. ID # 81
College of Forest Resources
University of Washington
Seattle, WA 98195 206 543-2138

RESEARCH:
riparian and wetland plant communities; allochthonus inputs into streams from riparian vegetation; role of large woody debris in streams
LIBRARY:
No library information available.
SYSTEM CODES: 700+
FUNCTION CODES: +8+

Fraser, Jim ID # 21
Washington State Dept. of Fisheries
Rm. 115 General Administration Bldg.
Olympia, WA 98504 (206)7532983

RESEARCH:
Instream, riverine and floodplain ponded fish habitat documentation and mitigation in Lewis, Thurston counties (& some statewide). Progress reports on this subject.
LIBRARY:
more than 25 on wallbase channels/ponds, riverine salmonid habitat available on loan.
SYSTEM CODES: 600+700+
FUNCTION CODES: +15+16+

Frenkel, Bob
Dept. of Geography
Oregon State University
Corvallis, OR 97331

ID # 114

(503)7543141

RESEARCH:
salt marsh and freshwater wetland community composition and structure in OR and WA
LIBRARY:
No library information available.
SYSTEM CODES: 500+700+999+
FUNCTION CODES: +9+10+17+

Fresh, Kurt
Wash. Dept. Fisheries
Planning, Research and Harvest Management
115 General Administrative Bldg. AX-11
Olympia, WA 98504

ID # 26

(206)5862116

RESEARCH:
estuarine & marine ecology of juvenile salmon & food organisms of juvenile salmon; trophic studies and distribution; estuarine ecol. of fish; work in Puget Sound; several pubs. on these topics; water pollution related work in Grays Harbor.
LIBRARY:
No library information available.
SYSTEM CODES: 400+500+
FUNCTION CODES: +12+13+15+

Froehlich, Henry A.
Oregon State University
Forest Engineering Dept.
Corvallis, OR 97331

ID # 190

503/754-4005

RESEARCH:
Organic debris in stream channels; Buffer strip stability; stream cleanup costs; rates of regrowth of riparian zone vegetation. Exp in management impacts on stream systems and slope stability. Work in PNW and N CA.
LIBRARY:
250 refs, restricted avail., on fish habitat and organic debris.
SYSTEM CODES: 700+
FUNCTION CODES: +8+12+14+13+17+

Fry, Kathleen ID # 218
Ducks Unlimited Canada
Box 1304 STN A
Surrey, BC V3S 4Y5 604 591-1104

RESEARCH:
habitat and waterfowl use in coastal British Columbia.
LIBRARY:
No library information available.
SYSTEM CODES: 500+600+999+
FUNCTION CODES: +10+13+15+16+

Fuerstenberg, Bob ID # 34
King County
Surface Water Management
770 Dexter Horton Bld. 710 Second Ave.
Seattle, WA 98104 206/344-2544

RESEARCH:
estuarine food webs;energy flow modeling;benthic invertebrate population studies. Several publications on these topics
LIBRARY:
King Co. Wetland Data Base- 500 pgs also on disc; Reconaissance study of aquatic resources.
SYSTEM CODES: 500+600+700+999+
FUNCTION CODES: +4+5+6+7+8+9+10+11+12+13+14+16+17+

Funk, William H. ID # 86
State of Washington Water Research Center
Washington State University
Pullman, WA 99164 (509)3355531

RESEARCH:
primary productivity. publications on this and aquatic organisms; interests also in limnology, algae, metals
LIBRARY:
12000 volumes on water resources available
SYSTEM CODES: 600+999+
FUNCTION CODES: +5+8+9+10+

Gallagher, John L. ID # 210
Halophyte Biology Lab
University of Deleware
700 Pillottown Road
Lewes, DE 19958 302 645-4264

RESEARCH:
research in coastal wetlands ecology; primary productivity, decomposition, ecology of wetland plants.Many publications on these topics. Is willing to be consulted in these areas.
LIBRARY:
No library information available.
SYSTEM CODES: 500+999+
FUNCTION CODES: +8+9+16+17+

Gearheart, Robert A. ID # 143
Environmental Resource Engineering Dept.
Humboldt State University
Arcata, CA 95521 (707)8263135

RESEARCH:
use of macrophytes in tertiary wastewater treatment process and as non-point source pollution control aids; 2 reports; interest in wetland hydrology also
LIBRARY:
5 yrs. of water quality data on pilot treatment marshes available
SYSTEM CODES: 600+
FUNCTION CODES: +5+7+9+16+

Geiger, Stan ID # 125
Scientific Resources Inc.
11830 S.W. Kerr Parkway
Lake Oswego, OR 97035 503/245-4068

RESEARCH:
lake restoration, aquatic plant control drainage ditch plant mngmt., phytoplankton ecology; several technical reports and project reports
LIBRARY:
400-500 refs. on lake restoration of restricted availability
SYSTEM CODES: 600+700+
FUNCTION CODES: +7+8+9+10+

Gibson, Flash ID # 32
Eastern Washington University
Dept. of Biology
Cheney, WA 99004 (509)3592810

RESEARCH:
Ecology of freshwater wetland invertebrates in Turnbull Nat. Wildlf. Refuge; interests in aquatic inverts., duck food habits
LIBRARY:
some refs. avail. of species lists, phenologies
SYSTEM CODES: 600+
FUNCTION CODES: +12+13+14+

Glad, Judith B. ID # 62
Environmental consultant
1400 N. Holman
Portland, OR 97217 503/289-2219

RESEARCH:
wetlands delineation and mitigation
LIBRARY:
No library information available.
SYSTEM CODES: 999+
FUNCTION CODES: +16+

Good, James W. ID # 111
College of Oceanography
Oregon State University
Corvallis, OR 97331 (503)7543771

RESEARCH:
work on Ore. coast & Columbia R.; interests in estuarine restoration/ historical wetland loss analysis and mitigation policy/banking
LIBRARY:
No library information available.
SYSTEM CODES: 500+
FUNCTION CODES: +13+16+

Grant, Gordon ID # 78
U.S. Forest Service
3200 Jefferson Way
Corvallis, OR 97331 (503)7574378

RESEARCH:
fluvial geomorphology and valley floor dynamics of mountain streams; interactions between geomorphic processes and terrestrial and aquatic ecosystems; dynamics of large woody debris; riparian zone management; work in western Oregon & Washington;
LIBRARY:
No library information available.
SYSTEM CODES: 700+
FUNCTION CODES: +3+5+

Graybill, Michael ID # 173
South Slough National Estuarine Sanctuary
P.O. Box 5417
Charleston, OR 97420 503/888-5534

RESEARCH:
Coordinate and sponsor various studies in estuarine ecology (biol, geol, hydrol, geog) in OR, specifically the Coos Bay area. Exp/int incl est ecol as well as marine mammals and seabirds.
LIBRARY:
several hundred refs (prim reports) pertaining to estuaries, of limited circulation.
SYSTEM CODES: 400+500+
FUNCTION CODES: +9+10+12+13+14+15+16+17+

Gunderson, Donald R. ID # 219
University of Washington
School of Fisheries
WH 10
Seattle, WA 98195 206 543-7878

RESEARCH:
surveys of abundance, distribution, migration and habitat use patterns of English Sole and Dungeness Crab in Washington estuaries (Grays Harbor and Willipa Bay)and adjacent open coast. Primary area of expertise in survey design and population dynamics. Willing to be consulted in these areas.
LIBRARY:
No library information available.
SYSTEM CODES: 400+500+
FUNCTION CODES: +12+13+14+15+

Hall, Ken J. ID # 193
Westwater Research Centre
University of British Columbia
Vancouver, BC V6T 1W5 604 228-6474

RESEARCH:
Research performed in the production and decomposition processes in the intertidal marshes of the Fraser River Estuary. Authored 2 technical papers on productivity, detritus flux, and nutrient cycling in tidal marshes.
LIBRARY:
2 research papers and technical reports. Open access.
SYSTEM CODES: 500+
FUNCTION CODES: +8+9+

Halpern, Charles B. ID # 87
Dept. of Forest Sciences
Oregon State University
Corvallis, OR 97331 (503)7574361

RESEARCH:
classification of wetland meadow vegetation in the Three Sisters Wilderness Area, OR and in Sequoia National Park, CA; 3 publications on these topics; interests in botany, phytosociology, meadow dynamics, plant succession, plant taxonomy
LIBRARY:
some refs restricted availability
SYSTEM CODES: 700+999+
FUNCTION CODES: +10+11+

Harmon, Janice M. ID # 212
Oregon State University
1363 NW Beca Ave.
Corvallis, OR 97330 503 753-9086

RESEARCH:
Riparian - vegetation succession. primary area of expertise in wetland and riparian vegetation in Oregon. Publication of research is pending. Is willing to be consulted in this area.
LIBRARY:
No library information available.
SYSTEM CODES: 700+999+
FUNCTION CODES: +16+17+

Harris, Dr. Richard R. ID # 180
Route 2ent of Forest Science
Box 43
River Falls, WI 54022 715 425-1585

RESEARCH:
Definition of ecosystems termed riparian woodlands/wetlands. Res on the relationships betw hydro-geomorphic conditions and streamside vegetation. Exp in the areas of hydroelectric dev and forest management. Several pubs (reports and papers), incl studies of mitigation/restoration of riparian communities. Work conducted in CA and OR.
LIBRARY:
extensive data base on riparian systems in mountainous regions.
SYSTEM CODES: 700+
FUNCTION CODES: +9+10+11+

Harrison, Benjamin V. ID # 189
U.S. Fish and Wildlife Service
500 NE Multnomah St.
Portland, OR 97232 503/231-6154

RESEARCH:
Exp. in wetland identification, wetlands plant/soil associations, wetlands mapping and inventory. Also exp in wetland management, mitigation, and creation. Work in OR,WA,ID,CA,NV,HI.
LIBRARY:
access to wetland plant species database, wetland values database, both being USFWS databases. Restricted availibility.
SYSTEM CODES: 999+
FUNCTION CODES: +2+3+10+11+12+13+14+15+16+

Hashim, William A. ID # 104
Washington Dept. of Ecology
2205 59th AVE NW
Olympia, WA 98502 (206)8669023

RESEARCH:
productivity determination and habitat typing of great basin riparian areas; wetland boundary delineation methodology;soils and vegetation ecology in Great Basin Desert, NW U.S.; interests in habitat classification, flora production and composition
LIBRARY:
No library information available.
SYSTEM CODES: 700+999+
FUNCTION CODES: +9+10+

Heinle, Don ID # 57
CH2M Hill
1500 114th Ave. S.E.
Bellevue, WA 98004 (206)4535000

RESEARCH:
production & use of detritus, marsh production, nutrient exchange with estuaries; interests in water quality, wetlands, fisheries; numerous pubs.
LIBRARY:
No library information available.
SYSTEM CODES: 500+600+
FUNCTION CODES: +5+7+8+9+

Herb, Gene ID # 29
Oregon Dept. Fish & Wildlife
801 Gales Creek R.
Forest Grove, OR 97116

RESEARCH:
Wetland creation/enhancement (freshwater) within 60 mile radius of Portland
LIBRARY:
No library information available.
SYSTEM CODES: 600+
FUNCTION CODES: +16+

Hett, Joan ID # 16
Seattle City Light
1015 Third Ave.
Seattle, WA 98104 (206)6253808

RESEARCH:
work in Puget trough, N. Cascades; interests in restoration-creation and plant ecology of wetlands
LIBRARY:
No library information available.
SYSTEM CODES: 600+700+
FUNCTION CODES: +8+9+16+17+

Horner, Richard ID # 47
University of Washington
FX-10
Seattle, WA 98195 (206)5437923

RESEARCH:
national (mainly northwest) research of effects of human activities on aquatic ecosystems incl. wetlands; nonpoint sources of water pollution; monitoring of aquatic systems; several pubs. on stream periphyton development in relation to current velocity & nutrients; sources, transport, effects, etc. of nonpoint pollutants; design of aquatic monitoring programs; interest in environmental engineering
LIBRARY:
No library information available.
SYSTEM CODES: 600+700+
FUNCTION CODES: +5+6+7+16+17+

Houck, Mike ID # 145
Audubon Society of Portland
5151 NW Cornell Rd.
Portland, OR 97210 (503)2241004

RESEARCH:
urban wetland and wildlife habitat inventories for Portland metropolitan area; some reports on spp. occurrences
LIBRARY:
No library information available.
SYSTEM CODES: 600+700+999+
FUNCTION CODES: +10+12+13+14+15+

Hull, David ID # 222
City of Arcata
736 F Street
Arcata, CA 95521 707/822-5957

RESEARCH:
Wetland wastewater treatment,wastewater aquaculture,water quality,stream restoration. Publications on these subjects.Expertise in wetland restoration,wetland management, and water reuse.Is willing to be consulted in these areas.
LIBRARY:
38 references on wastewater treatment,restoration, and wastewater aquaculture.
SYSTEM CODES: 400+500+600+700+999+
FUNCTION CODES: +5+6+7+8+9+10+12+13+14+15+16+17+

Hutchinson, Ian ID # 48
Simon Fraser University
Dept. of Geography
Burnaby, BC V5A1S6 (604)2913232

RESEARCH:
work in Puget trough; interests in plant ecology, geomorphic process
LIBRARY:
+200 refs aval. on estuarine wetlands
SYSTEM CODES: 500+
FUNCTION CODES: +5+9+10+11+

Ice, George Gary ID # 196
National Council of the Paper Industry for Air and
Stream Improvement
PO Box 458
Corvallis, OR 97339 503 754-2015

RESEARCH:
monitoring of forest herbicides in streams; reaeration and biochemical oxygen demands resulting from slash; erosion from forest roads; cumulative effects related to forest management. Numerous publications on these subjects. Primary expertise in hydrology, forest practices, and water quality. Willing to be consulted on forest practices and effects on wetlands.
LIBRARY:
Forest Practices and Water Quality Data Base on Scimate Program: 2000 citations and abstracts. For use by request only.
SYSTEM CODES: +700+
FUNCTION CODES: +1+3+5+

Ives, Jonathan ID # 191
Jones & Stokes Associates
1808 136th Place
Bellevue, WA 98005 206/641-3982

RESEARCH:
Salt marsh and freshwater wetland boundary determinations in King, Snohomish and Pierce Counties. Wetland mitigation planning, Snohomish River Estuary; feasibility of creating wetlands using dredge spoil material and agricultural irrigation tailwater. Work primarily in WA, ID, OR, CA, and AK. Pubs: SEPA EISs and tech appendices. Tech reps for Corps and USFWS. Also exp in diversity.
LIBRARY:
JSA/Bellevue - 1,000 volumes; JSA/Sacramento - 9,000 volumes. Restricted availibility.
SYSTEM CODES: 400+500+600+700+
FUNCTION CODES: +10+16+17

Johnson, Frederic D. ID # 102
College of Forestry
University of Idaho
Moscow, ID 83843 (208)8856444

RESEARCH:
endangered species survey; wetland and riparian classification; bog classification. work in Idaho; interests in dynamics, synecology, phytogeography;
LIBRARY:
No library information available.
SYSTEM CODES: 700+
FUNCTION CODES:

Jones, Lindsay ID # 154
Ducks Unlimited Canada
Box 1304 STN A
Surrey, BC V3S 4Y5 604/591-1104

RESEARCH:
No formal research done. Experience includes estuary habitat and waterfowl use in coastal British Columbia.
LIBRARY:
Open library of approx. 700 references on coastal wetland ecology.
SYSTEM CODES: +500+600+999+
FUNCTION CODES: +10+13+15+16+

Jones, Peter A. ID # 165
Ducks Unlimited Canada
BOX 1304 Stn. A
Surrey, BC V3S 4Y5 604/591-1104

RESEARCH:
Expertise in applications of land use law to conserve wetland habitat, and design and construction of wetland restoration projects in coastal B.C., incl Vancouver and Queen Charlotte Islands.
LIBRARY:
Approx. 700 titles in office library on wetland management, waterfowl, and land use. Open to public for use in office.
SYSTEM CODES: 500+600+999+
FUNCTION CODES: +12+13+14+15+16+

Jones, Randall A. ID # 52
Scientific Resources, Inc.
12425 SW 57th. Avenue
Portland, OR 97219 503 245-4068

RESEARCH:
Expertise in geomorphology, cartography, watershed management; interested in soils, climatology, limnology; research work in wetland mitigation, wetland hydrology, wetland soils, wetlands as biofiltration systems, lake classification; one publication on lake-watershed ecosystem classification.
LIBRARY:
150 publications on lakes, wetlands, riparian zone enhancement; controlled access.
SYSTEM CODES: 600+700+
FUNCTION CODES: +3+5+6+17+

Jumars, Peter A. ID # 188
University of Washington
School of Oceanography, WB-10
Seattle, WA 98195

RESEARCH:
Recruitment of invertebrates to disturbed sites. Effects of sediment movement on invertebrates. Interests in deposit and suspension feeding. Work primarily in the Skagit sandflat and San Juan Island. Several pubs from research. Will consult only government agencies.
LIBRARY:
No library information available.
SYSTEM CODES: 400+500+
FUNCTION CODES: +13+

Kentula, Mary E. ID # 25
Northrop Services, Inc.
200 S.W. 35th St.
Corvallis, OR 97333 (503)7574666

RESEARCH:
current research in the development of methods to assesss created and restored wetlands and the cumulative impacts associated with wetland loss;energy flow & nutrient cycling in coastal environments and community structure. Some publications from research available.
LIBRARY:
none
SYSTEM CODES: 500+999+
FUNCTION CODES: +9+10+16+17+

Kistritz, Ron
R.U. Kistritz Consultants Ltd.
4420 Corless Road
Richmond, BC V7C1N3

ID # 7

(604)2743260

RESEARCH:
nutrient & carbon/detritus cycling; marsh creation in the Fraser R. estuary, work in coastal B.C. also; several pubs. on these topics
LIBRARY:
+200 refs. avail. on nutrient cycling, decomposition, primary production, marsh creation
SYSTEM CODES: 500+
FUNCTION CODES: +8+9+16+

Koski, Dr. K. U.
National Marine Fisheries Service
Auke Bay Laboratory
Box 210155
Auke Bay, AK 99821

ID # 184

907/789-6024

RESEARCH:
Salmonid habitat requirements (riparian systems) and the effects of logging on freshwater and estuarine ecosystems in SE AK and WA (Hood Canal). Some Pubs from research.
LIBRARY:
few to several hundred refs on salmonid habitat requirements, the effects of logging,, and Alaska wetlands. Avail on request.
SYSTEM CODES: 500+700+
FUNCTION CODES: +5+9+12+13+14+15+

Kovalchik, B.
U.S. Forest Service
Silviculture Lab. 1027 NW Trenton Ave
Bend, OR 97701

ID # 6

(503)3887435

RESEARCH:
vegetation/ecological classification of riparian lands in central Ore.; work in central Ore.--Cascade crest, eastward; one pub. on this topic; interests also in taxonomy of willows and sedges; use of geomorphology, riparian landforms, and fluvial surfaces in predicting vegetative potential on degraded riparian sites.;management implications.
LIBRARY:
+1000 refs of restricted avail. on riparian ecology, etc.
SYSTEM CODES: 700+
FUNCTION CODES:

Kraege, Don ID # 179
Washington Dept. of Game
600 N. Capitol Way
Olympia, WA 98504 206/753-5728

RESEARCH:
Waterfowl management and wetlands enhancement in the state of Washington.
LIBRARY:
No library information available.
SYSTEM CODES: 999+
FUNCTION CODES: +12+13+14+15+16+

Kranz, Ronald D. ID # 171
David Evans and Associates, Inc.
301 116th Ave. S.E., Suite 170
Bellevue, WA 98004 206/455-3571

RESEARCH:
Monitoring, Enhancement, and Preservation projects in Puget Sd., Columbia Riv., and other riverine systems in OR and ID. Exper also in habitat use and productivity evaluation. Numerous unpub reports prepared for private developers; fed, state, an local agencies; and EIS's.
LIBRARY:
No library information available.
SYSTEM CODES: 700+999+
FUNCTION CODES: +10+11+16+

Kunz, Kathleen ID # 136
EPA
1200 6th Ave
Seattle, WA 98101 (206)4421414

RESEARCH:
community analysis, S. Calif. salt marshes; work in Washington, Idaho, Ore.; interests in suitability of wetland creation and enhancement techniques in Pacific NW
LIBRARY:
about 300 refs. on wetland functional values r.e. section 404, Clean Water Act available
SYSTEM CODES: 999+
FUNCTION CODES: +9+16+

Kunze, Linda ID # 50
Dept. of Nat. Resources
Washington Natural Heritage Program
Mail Stop EX-13
Olympia, WA 98506 (206)7532449

RESEARCH:
Vegetation surveys (characterization of wetlands at low elevations in western Washington. Two publications.
LIBRARY:
Washington Natural Heritage database (restricted); subject: vegetation of relatively pristine wetlands.
SYSTEM CODES: 500+600+
FUNCTION CODES: +10+11+

Lamberti, Gary A. ID # 54
Dept. Fisheries & Wildlife
Oregon State University
Corvallis, OR 97330 (503)7544336

RESEARCH:
ecology of montane streams & general aquatic processes; effects of forestry practices on riparian zone/stream interactions; work in southern Cascades; 2 pubs. on these topics
LIBRARY:
No library information available.
SYSTEM CODES: 700+
FUNCTION CODES: +9+13+11+8+

Lang, Bruce ID # 24
Dept. of Biology
Eastern Washington University
Cheney, WA 99004 (509)3597049

RESEARCH:
parasitology of aquatic organisms; aquatic invert. surveys; quantitative invert.; water quality; habitat description; molluscan life cycle work; taxonomy; protozoan surveys in Eastern Wash.
LIBRARY:
many refs. avail. and restricted on synoptic, quantitative, & seasonal info. of inverts (fw)
SYSTEM CODES: 600+
FUNCTION CODES: +12+13+14+15+

Lee, Dr. Lyndon C. ID # 186
U.S. Environmental Protection Agency
Office of Federal Activities
401 "M" Street SW
Washington, DC 20460 202/382-5299

RESEARCH:
Montane riparian habitats; comparison of 2 PNW river ecosystems; grizzly bear and wolf use of wetlands habitats in the PNW. Exp in wetlands ecosystems ecology (creation and restoration) and wildlife habitat mgmt in wetlands of WA, OR, ID, MT, N CA, SW BC.Some publ from research.
LIBRARY:
No library information available.
SYSTEM CODES: 600+700+999+
FUNCTION CODES: +3+5+6+8+9+10+11+12+13+14+16+

Levings, C.D. (Colin) ID # 11
Fisheries & Oceans, West Vancouver Lab.
4160 Marine Drive
West Vancouver, BC V7V1N6 604 666-7915

RESEARCH:
research on estuarine/riverine habitat, riparian wetlands related to fish production, amphipod productivity, Campbell R. estuary restoration project in B.C.; several pubs. on these topics; interests in fish habitat, food webs, crustacean productivity; wetland capacity
LIBRARY:
No library information available.
SYSTEM CODES: 400+500+700+
FUNCTION CODES: +9+12+13+14+15+16+17+

Lightcap, Brian Wm. ID # 138
Portland District Corps of Engineers, Regulatory
319 SW Pine
Portland, OR 97208 (503)2216995

RESEARCH:
dredged material wetland creations in the Columbia R.; small watershed wetland enhancement in Hedges Cr., Tualatin, OR; 2 pubs. on restoration and plant establishment; interests in wetland plant ecology, pasture mngmt. and forest regeneration
LIBRARY:
No library information available.
SYSTEM CODES: 600+700+
FUNCTION CODES: +10+16+

Lindsay, David J. ID # 182
B.C. Forest Products Ltd.
P.O. Box 130
Crofton, BC V0R 1R0 604/246-9332

RESEARCH:
Fisheries/Forestry interactions and habitat enhancement in Brit. Columbia. Involved with rehab project in the Campbell Riv Est, and with a marsh creation project at Pitt Lake.
LIBRARY:
No library information available.
SYSTEM CODES: 500+700+
FUNCTION CODES: +12+13+14+15+16+

Lines, Ivan ID # 31
Soil Conservation Service
Run 360 U.S. Courthouse
Spokane, WA 99201 (509)4563708

RESEARCH:
warmwater fish pond mgmt.; wetland restoration; stream thermal modeling, stream sediment transport & effects on salmonid spawning; work in Washington; interests in wetland & stream ecology, farmland, rangeland, woodland wildlife habitat evaluation; several pubs. in these topics.
LIBRARY:
No library information available.
SYSTEM CODES: 600+700+
FUNCTION CODES: +4+5+10+12+13+14+15+16+

Luternauer, John L. ID # 74
Geological Survey of Canada
8th Floor, 100 W. Pender
Vancouver, BC V6B1R8 (604)6660788

RESEARCH:
Delta front sediment distribution, transport, stability, time series studies, animal/plant/sediment relationships; work in coastal BC; many pubs.
LIBRARY:
No library information available.
SYSTEM CODES: 400+500+
FUNCTION CODES: +4+5+16+

Mason, David T. ID # 103
Fairhaven College
Western Washington University
Bellingham, WA 98225 (206)6763680

RESEARCH:
salt marsh ecology (Alaskan arctic) limnology, stress responses, riparian habitat evaluation; work in Stehekin R., Nooksack R.; interests in community structure, responses, community bioassay; several pubs. on small mammal microhabitats, soils, petroleum toxicity, limnology
LIBRARY:
No library information available.
SYSTEM CODES: 500+700+
FUNCTION CODES: +5+6+9+10+13+

Mason, Dr. John C. ID # 158
Department of Fisheries and Oceans
1090 West Pender Street
Vancouver, B.C., V6E 2P1 604/666-7167

RESEARCH:
Estuarine and marine ecology/behavior of fishes. Movements and migr of fishes. Reproduction, spawning grounds, and early life hist of mar fishes. Recruitment mechanisms. Fisheries ecology/productivity in coastal fw and marine areas of the PNW.
LIBRARY:
Ichthyoplankton surveys in Canadian marine waters - data tapes. Restricted availibility.
SYSTEM CODES: +400+500+999+
FUNCTION CODES: +12+13+14+15+

Mastroguisseppe, Joy ID # 42
Washington State University
Marion Ownbey Herbarium
Heald G-9
Pullman, WA 99163 509/335-3250

RESEARCH:

No information on research activities available.
LIBRARY:
No library information available.
SYSTEM CODES:
FUNCTION CODES:

McAllister, Kelly ID # 213
Washington Department of Wildlife
600 N. Capitol Way
Mail Stop GJ-11
Olympia, WA 98504 206 753-5700

RESEARCH:
analysis of reproductive sussess of Washington raptors. 1 pub. on nesting success of bald eagles in Washington. Primary area of expertise in piscivorous raptors, reptiles, amphibians, and nongame fish. Willing to be consulted on endangered, threatened, and sensitive species.
LIBRARY:
Wildlife and habitat management literature and unpublished reports. 6000 references; open access.
SYSTEM CODES: 400+
FUNCTION CODES: +12+

McAuliffe, Chris L. ID # 67
U.S. Corps of Engineers
PO Box C-3755
Seattle, WA 98124 (206)7643495

RESEARCH:
work in Washington; NW Nevada; interests in freshwater/estuarine wetlands
LIBRARY:
No library information available.
SYSTEM CODES: 500+700+999+
FUNCTION CODES: +1+2+3+6+12+13+5+8+17+

McIntire, C. David ID # 63
Dept. of Botany
Ore. State Univ.
Corvallis, OR 97331 (503)7542490

RESEARCH:
Benthic primary production in Oregon Estuaries; biogeography of estuarine diatoms; many pubs. on these topics; work in Columbia R. estuary, Netarts Bay, Yaquina estuary and other estuaries; interests in structure and function of estuarine plant assemblages and ecosystem modeling
LIBRARY:
No library information available.
SYSTEM CODES: 500+700+
FUNCTION CODES: +7+8+9+10+11+

McKee, Arthur ID # 12
Forest Science Dept.
Oregon State University
Corvallis, OR 97331 (503)7574395

RESEARCH:
Successional dynamics of riparian vegetation; community classification of riparian vegetation on west slope Cascade mtns.;relation of riparian vegetation to geomorphic surfaces.
LIBRARY:
No library information available.
SYSTEM CODES: 700+
FUNCTION CODES: +8+9+10+11+

McMillan, Andy ID # 220
Washington Department of Ecology
Shorelands and CZM Program - Wetlands Section
Mail Stop PV-11
Olympia, WA 98504 206/459-6744

RESEARCH:
Research and expertise in: wetland regulations and ordinances;wetland acquisition and preservation. 2 publications. Willing to be consulted in these areas.
LIBRARY:
Wetlands Data Base for the Pacific Northwest containing Resource Guide to Wetland Scientists and Wetlands Bibliography.
SYSTEM CODES: 600+999
FUNCTION CODES:

Mearns, Dr. Alan J. ID # 161
NOAA/Ocean Assessments Division
7600 Sand Point Way NE
Seattle, WA 98115 206/526-6336

RESEARCH:
Trends in pollution and its effects in U.S. coastal and estuarine waters; National Status and Trends Program for Marine Environmental Quality; Quality Assurance; Biomagnification. Other interests incl marine ecology and climatological effects.
LIBRARY:
30,000 samples, nationwide, 1945-Present on pesticides and PCB's in fish and shellfish; restricted use, but output available on request.
SYSTEM CODES: 400+500+700+
FUNCTION CODES: +10+11+

Megahan, Walter F. ID # 30
U.S. Forest Service (Research Div.)
316 E. Myrtle St.
Boise, ID 83702 (208)3341457

RESEARCH:
Erosion-sedimentation in forested watersheds/relations to fish habitat; many pubs. in these topics; work in Idaho, Montana; interests in effects of forest practices on aquatic habitat
LIBRARY:
3000 refs of restricted avail. on erosion/sedimentation/hydrology
SYSTEM CODES: 700+
FUNCTION CODES: +1+2+3+5+12+

Mehringer, Jr., Peter J. ID # 185
Washington State University
Department of Anthropology
Pullman, WA 991644910 509/335-3855

RESEARCH:
Microfossil and macrofossil analysis especially pollen and seeds, sediment analysis-stratigraphy, chronology of Holocene climatic events. Exp in paleoecology, palynology, climatic change, and the history of aquatic habitats. Work in western North America. Knowledge on lake histories, and base-line data of pristine conditions. Some publ. from research.
LIBRARY:
No library information available.
SYSTEM CODES: 600+999+
FUNCTION CODES: +5+

Messmer, Louis W. ID # 159
Grays Harbor College

Aberdeen, WA 98520 206/532-7851

RESEARCH:
Numerous projects, reports, and EIS's for municipal, county, State, and USAEC, relating to vegetation in Western Washington and Oregon. Primary interest is native veg of Western WA and wetlands as defined by flora.
LIBRARY:
Western WA and OR flora, wetlands
SYSTEM CODES: +400+500+999+
FUNCTION CODES: +10+16+17+

Miller, Tina ID # 117
Shapiro & Assoc., Inc.
1812 Smith Tower
Seattle, WA 98104 (206)6249190

RESEARCH:
restoration, creation, wildlife use, delineation, mitigation projects;evaluation of mitigation projects; many in-house publications on these topics
LIBRARY:
350 refs on wetland research-inventories of the west coast of restricted availability
SYSTEM CODES: 600+999+
FUNCTION CODES: +10+12+13+16+

Milligan, Dorothy A. ID # 107
Raedeke Assoc. Scientific Consulting
118 North 41st St.
Seattle, WA 98103 (206)5478086

RESEARCH:
ecology of avian use of urban freshwater wetlands in King County, WA.; 1 pub. on incorporation of a wetland into urban residential develop.; interests in wetland ecosystems, enhancement, creation, and public education
LIBRARY:
100-200 refs available on wetlands biol., conservation, function, avian biol., etc.
SYSTEM CODES: 600+700+999+
FUNCTION CODES: +9+10+11+12+13+14+15+16+17+

Mills, Mary Lou ID # 134
Wash. Dept. of Fisheries
Rm 115 Gen. Admin. Bldg.
Olympia, WA 98445 (206)7530576

RESEARCH:
interest in fish use of wetlands, esp. salmonids
LIBRARY:
No library information available.
SYSTEM CODES: 500+
FUNCTION CODES: +12+13+14+15+16+

Milner, Ruth ID # 201
Washington Department of Wildlife
600 N. Capitol Way
Olympia, WA 98504 206 586-1449

RESEARCH:
Wetland mapping and Boundary delineation: wildlife associated with wetlands, especially turtles; habitat preservation.One publication on the status of the western pond turtle,Clemmys marmorata,in Washington. Willing to be consulted in the area of wetland wildlife.
LIBRARY:
No library information available.
SYSTEM CODES: 600+700+999+
FUNCTION CODES: +12+13+14+15+

Minshall, Dr. G. Wayne ID # 92
Stream Ecology Center
Idaho State University
Pocatello, ID 83209 (208)2362236

RESEARCH:
stream ecosystem dynamics, benthic invertebrate ecology; many publications on these topics; work in western U.S.; interests in stream ecology, water pollution, riparian habitats, livestock grazing, small hydroelectric developments
LIBRARY:
8000+ reprints of restricted availability on freshwater ecology
SYSTEM CODES: 600+700+999+
FUNCTION CODES: +7+8+9+

Mishaga, Richard ID # 129
CH2M Hill, Inc.
2020 S.W. Fourth Ave., 2nd Floor
Portland, OR 97034 (503)2249190

RESEARCH:
vegetation & wildlife inventories on freshwater wetlands in Alaska, Wash., Ore., Calif.; vegetation & wildlife inventories on riparian wetland in same states (ditto on saltwater wetlands in Calif.,); wetland enhancement & restoration feasibility studies in Ore. & Calif.; tech. reports for clients; interests in wetland creation and consumer support
LIBRARY:
250-300 general & diverse wetland studies of restricted availability
SYSTEM CODES: 600+700+999+
FUNCTION CODES: +10+13+14+15+16+

Mitchell, Dianne L. ID # 13
J & M Land Restoration
3826 Bryn Mawr Dr.
Bakersfield, CA 93305 (805)8727039

RESEARCH:
marsh re-establishment after dike-breaching on the Salmon R. estuary, Ore.
LIBRARY:
No library information available.
SYSTEM CODES: 500+
FUNCTION CODES: +9+10+11+17+

Moody, Anne ID # 19
AIM Ecological Consultants Ltd.
21481 24th Ave.
Langley, BC V3A7R2 (604)5344472

RESEARCH:
Estuarine marsh autecology, productivity, marsh creation, culture techniques, mercury accumulation in estuarine vegetation; work in Puget Trough, Northern Coast Range; several pubs. in productivity estimates, mercury accumulation and plant/sediment relationships.
LIBRARY:
literature avail. on marsh productivity, toxic contaminants
SYSTEM CODES: 500+
FUNCTION CODES: +9+16+

Moody, Bob ID # 20
AIM Ecological Consultants Ltd.
21481 24th Ave.
Langley, BC V3A7R2 (604)5344472

RESEARCH:
Eelgrass habitat, morphology & population characteristics, natural resource mgmt.; consultant reports, etc.; work in Pacific Northwest; interests in resource management, enhancement, & rehabilitation
LIBRARY:
500 references of eelgrass, resource mgmt. available
SYSTEM CODES: 500+
FUNCTION CODES: +4+16+

Mumford, Jr., Thomas F. ID # 142
Dept. Natural Resources
Division of Aquatic Lands EX-12
Olympia, WA 98504 (206)7533703

RESEARCH:
marine algal culture; some pubs.
LIBRARY:
2000+ refs. on marine algae of restricted availability
SYSTEM CODES: 400+500+
FUNCTION CODES: +9+12+13+16+8+10+11+17+

Murdoch, Tom ID # 97
Snohomish County Public Works
County Administration Bldg.
Everett, WA 98201 (206)2599488

RESEARCH:
survey (physical/biological) of wetlands in urbanizing areas of Snohomish County; work in western third of Snohomish Co.; expertise in setting up the survey effort
LIBRARY:
800+ maps (1"=400'scale) of wetlands of restricted availability
SYSTEM CODES: 999+700+
FUNCTION CODES: +3+

Nichols, Don ID # 22
Turnbull Lab for Ecological studies/ EWU
Dept. of Biology MS #72
Cheney, WA 99004 (509)3592498

RESEARCH:
limnological investigations of small lakes & ponds on the Turnbull Wildlife Refuge & surrounding eastern Wash. scablands (water chemistry and plankton); one pub. of limnological investigations.
LIBRARY:
available literature on eutrophication, lake restoration, phosphorus loading, metal toxicology & algal production
SYSTEM CODES: 600+
FUNCTION CODES: +9+10+

Northcote, T.G. ID # 66
Inst. Animal Resource Ecology & Westwater
University of British Columbia
Vancouver, BC V6T1W5 (604)2283327

RESEARCH:
juvenile salmonid interactions in estuarine tidal channels; fish/zooplankton interactions in reservoirs; work in Fraser R. estuary & Brazilian reservoirs; many pubs. on these topics
LIBRARY:
No library information available.
SYSTEM CODES: 500+600+
FUNCTION CODES: +13+15+

Olson, Annette M. ID # 18
Oregon State University
Department of Zoology
Corvallis, OR 97331 503/754-3705

RESEARCH:
Disturbance, herbivory, and succession in beds of high intertidal red alga (Iridea cornucopiae), and reproductive ecology of algae. Work prim in the central Oregon Coast. Also interested in life history theory.
LIBRARY:
reprint library - marine ecology (1000 refs): 4 yr succession data (10,000 records) & 2 1-yr phenology data sets (red algae). Avail by special arrangement only
SYSTEM CODES: 400+
FUNCTION CODES: +10+11+13+

Orians, Gordon H. ID # 84
Dept. of Zoology
University of Washington
Seattle, WA 98195 (206)5431658

RESEARCH:
ecology of marsh-nesting blackbirds; several publications; work global; interests in behavioral and community ecology
LIBRARY:
some refs available on behavioral ecology
SYSTEM CODES: 999+
FUNCTION CODES: +9+10+11+12+13+

Osis, Vicki ID # 122
Extension/Sea Grant
Oregon State University
Hatfield Marine Science Center
Newport, OR 97365 (503)8673011

RESEARCH:
interest in marine education
LIBRARY:
files of curricula materials concerning wetlands available
SYSTEM CODES: 400+500+
FUNCTION CODES:

Paulson, Dennis R. ID # 206
Burke Museum DB-10
University of Washington
Seattle, WA 98195 206 543-4486

RESEARCH:
Primary area of expertise and research in the biology and occurance of dragonflies and shorebirds in the Pacific Northwest.
LIBRARY:
No library information available.
SYSTEM CODES: 400+500+600+700+999+
FUNCTION CODES: +12+13+14+15+

Pendleton, Edward ID # 49
National Wetlands Research Center/ USFWS
1010 Gause Boulevard
Slidell, LA 70458 504/646-7296

RESEARCH:
literature syntheses on community types and particular habirats; computerized geographic information system data development for habitat trend studies; habitat evaluation procedures for habitat assessment.
LIBRARY:
database on wetlands mitigation and follow-up studies held at Western Energy Land Use Team; 2627 Redwing Rd. Creekside 1, Fort Collins, CO 80526-2899
SYSTEM CODES: 500+999+
FUNCTION CODES: 16+17+

Penttila, Daniel E. ID # 40
Washington Dept. of Fisheries
7600 Sand Point Way NE, Bin C-15700
Seattle, WA 98115 (206)5456584

RESEARCH:
littoral zone spawning ground surveys for baitfishes (herring, surf smelt); nearshore fish surveys, mainstem Puget Sount; numerous WDF reports
LIBRARY:
site specific data pertaining to above projects available
SYSTEM CODES: 500+
FUNCTION CODES: +12+15+

Peters, Dennis D. ID # 183
U.S. Fish and Wildlife Service
Lloyd 500 Bldg., 500 NE Multnomah St.
Portland, OR 97232 503/231-6154

RESEARCH:
Wetland classification, mapping, and remote sensing in Region 1 - USFWS (OR, WA, ID, NV, CA, Pacific Islands). Also int in wetland functions.
LIBRARY:
Over 10,000 wetland maps, avail to public.
SYSTEM CODES: 400+500+600+999+
FUNCTION CODES: +12+13+16+

Peterson, N. Phil ID # 8
Washington Dept. of Fisheries
PO Box 9155
Yakima, WA 98909 509 575-2743

RESEARCH:
Role of winterine ponds in the winter ecology and natural production of coho salmon. Several pubs. on this subject. Expertise in juvenile salmonid ecology and wetland enhancement and restoration for fisheries. Willing to be consulted on these subjects.
LIBRARY:
No library information available.
SYSTEM CODES: 700+
FUNCTION CODES: +12+13+14+15+16+17+

Phillips, Ronald C. ID # 163
Seattle Pacific University

Seattle, WA 98119 206/281-2203

RESEARCH:
Seagrass ecology, phenology, and transplantation in U.S. (Alaska, West coast, East Coast) and Gulf of Mexico. Numerous publications from research.
LIBRARY:
No library information available.
SYSTEM CODES: 500+
FUNCTION CODES: +10+16+

Phipps, Jim ID # 27
Grays Harbor College
Aberdeen, WA 98520 (206)5329020

RESEARCH:
marine wetlands; long-term erosion & accretion trends of SW Washington; beaches & holocene history of Grays Harbor
LIBRARY:
many refs. avail. on all marine topics; large collection on estuary & beaches
SYSTEM CODES: 400+
FUNCTION CODES:

Pineo, Doug ID # 127
Dept. of Ecology
PV-11
Olympia, WA 98504 (206)4596788

RESEARCH:
work in Cascades, N. Idaho
LIBRARY:
No library information available.
SYSTEM CODES: 600+700+
FUNCTION CODES: +3+5+6+10+12+13+14+15+16+

Platts, William S. ID # 217
USDA Forest Service
316 E Myrtle
Boise, ID 83702 208 334-1457

RESEARCH:
stream classification, impacts of livestock grazing, logging and mining. 157 pubs.; Primary expertise in stream - riparian management. Is willing to be consulted on these topics.
LIBRARY:
restricted access
SYSTEM CODES: 700+
FUNCTION CODES: +17+

Pringle, Russell F. ID # 96
USDA Soil Conservation Service
711 CApitol Way, Rm 502
Olympia, WA 98501 (206)7539454

RESEARCH:

No information on research activities available.
LIBRARY:
references available on soils, soil surveys
SYSTEM CODES: 999+
FUNCTION CODES:

Pritchard, Ken ID # 200
Volunteers for Outdoor Washington
607 Third AVE #210
Seattle, WA 98104 206 467-0287

RESEARCH:
Rate of growth for intertidal emergent vegetation and eelgrass planted in a variety of environmentsfrom brackish to saline waters and in a variety of substrates. Primary area of expertise in rehabilitation and construction of wetlands and riparian areas; developing nursery stocks for intertidal vegetation.
LIBRARY:
No library information available.
SYSTEM CODES: 500+700+
FUNCTION CODES: +7+8+16+17+

Prych, Edmund A. ID # 175
U.S. Geological Survey
Water Resources Division
1201 Pacific Ave. - Suite 600
Tacoma, WA 98402 206/593-6510

RESEARCH:
Ground water, river and estuary hydraulics; surface water hydraulics and physics of sediment processes. Some publications from research.
LIBRARY:
No library information available.
SYSTEM CODES: 500+600+700+999+
FUNCTION CODES: +1+2+3+5+

Rabe, Fred W. ID # 156
University of Idaho
Department of Biological Sciences
Moscow, ID 83843 208/885-6704

RESEARCH:
Presently working on the effects of drawdown. Other interests are in invertebrate-macrophyte relations and experimental manipulation of wetland systems in the Northern Idaho-Eastern Washington area.
LIBRARY:
No library information available.
SYSTEM CODES: +600+
FUNCTION CODES: +13+14+16+

Raedeke, Dr. Kenneth J. ID # 79
College of Forest Resources AR-10
University of Washington
Seattle, WA 98195 (206)5452677

RESEARCH:
wildlife habitats; habitat management wetland assessments; wetlands modeling; various reports and pubs.; interest also in wetlands rehabilitation
LIBRARY:
No library information available.
SYSTEM CODES: 600+700+999+
FUNCTION CODES: +10+11+12+13+14+15+16+17+

Reed, Jr., Porter B. ID # 166
U.S. Fish and Wildlife Service
National Wetlands Inventory, Suite 101,
Monroe Bldg., 9720 Executive Center Drive
St. Petersburg, FL 33702 813/893-3867

RESEARCH:
Development of wetland plant database. Exp. in wetland flora and wetland identification and delineation. Have published Natl, regional, and state wetland plant lists and created Annotated National wetland plant species data base.
LIBRARY:
Database: 1. Annotated National Wetland Plant Species -6,264 spp.(100% complete) 2. National Wetland Plant List - 6,264 spp.;avail. by custom searches.
SYSTEM CODES: 999+
FUNCTION CODES: +10+

Reese, Kerry Paul ID # 43
University of Idaho
College of Forestry, Wildlf. & Range Sciences
Moscow, ID 83843 (208)8856435

RESEARCH:
avian ecology; wetland/avian relationships; waterfowl nesting; several pubs. on these topics for Idaho & Eastern Washington; interests also in macrophyte/invertebrate relationships
LIBRARY:
No library information available.
SYSTEM CODES: 600+700+
FUNCTION CODES: +12+13+

Richter, Dr. Klaus O. ID # 160
11040 104th Ave NE
Kirkland, WA 98033 206/822-4016

RESEARCH:
Colonial nesting seabird and vegetation studies on dredge material islands in the PNW (esp. in Ilwaco/mouth of Columbia area). Marine and estuarine bird studied in eastern Possession Sound and Everett area. Marine mammal studies in Port Gardner area. Some pubs from research.
LIBRARY:
No library information available.
SYSTEM CODES: 400+500+
FUNCTION CODES: +12+15+

Robbins, Diana E. ID # 130
Invert-Aid
9912 Barnes Lane So.
Tacoma, WA 98444 (206)5377494

RESEARCH:
interests in recovery of disturbed mudflats, benthic meiofauna, epibenthic infauna, dredge spoils, bioassays of Puget Sound; benthic invertebrates, environmental monitoring, wetland renovation and revegetation, bioassays of dredge spoils
LIBRARY:
No library information available.
SYSTEM CODES: 500+
FUNCTION CODES: +12+13+14+1617+

Rodrick, Betty ID # 137
Washington Dept. of Game, Nongame Program
600 N. Capitol Way
Olympia, WA 98504 (206)5861449

RESEARCH:
work in Washington; interests in endangered, threatened & sensitive spp. and habitats, preservation techniques
LIBRARY:
4000+ library refs. and extensive "other" sources of info. on endangered, etc. spp. of restricted to open availability
SYSTEM CODES: 999+
FUNCTION CODES: +12+13+14+15+

Rogers, Ralph Thomas ID # 124
EPA
Oregon Operations Office
811 SW 6th AV, Executive Bldg, 3rd Floor
Portland, OR 97204 503/221-2716

RESEARCH:
Vegetation transects to determine wetland/upland transition zones in alkaline and freshwater wetland of S.E. OR. Prim int in Inland fresh and alk wetl - second in coastal/est wetl of the PNW.
LIBRARY:
No library information available.
SYSTEM CODES: 500+600+700+999+
FUNCTION CODES: +10+12+13+14+15+16+

Ross, Brian D. ID # 197
US Environmental Protection Agency
Alaska Operations Office
701 C st., Box 19, Federal Building
Anchorage, AK 99513 907 271-5083

RESEARCH:
research performed in toxicity testing with contaminated dredge materials in Duwamish and Commencement Bay ; feasability of salt marsh creation in Everett; Phthalate esters in the aquatic environment. Primary area of expertise in fisheries biology. Co-authored 4 papers on toxicity testing.
LIBRARY:
No library information available.
SYSTEM CODES: 400+500+
FUNCTION CODES: +13+16+17+

Russell, Rob ID # 153
Dept. of Fisheries and Oceans
3225 Stephenson Pt. Rd.
Nanaimo, B.C., V9T 1K3 604/756-7291

RESEARCH:
Use of kelp beds/eelgrass beds by commercial fish on the south coast of Vancouver Island. Interests include the marine foreshore as commercial fish habitat and freshwater stream fish habitat.
LIBRARY:
In progress
SYSTEM CODES: +400+500+
FUNCTION CODES: +12+13+14+15+16+

Sanders, Sr., Dr. Dana R. ID # 168
USAE Waterways Experiment Station
P.O. Box 631
Vicksburg, MS 391800631 601/634-3983

RESEARCH:
Wetland delineation and evaluation on a National level. Manager of the Corps of Engineers Wetlands Research Program. Some pubs.
LIBRARY:
No library information available.
SYSTEM CODES: 700+999+
FUNCTION CODES: +16+

Savard, Jean-Pierre L. ID # 51
Canadian Wildlife Service
P.O. Box 340
Delta, BC V4K 3Y3 604/946-8546

RESEARCH:
Habitat selection by waterfowl.Feeding ecology. Evaluation of survey techniques.British Columbia.
LIBRARY:
No library information available.
SYSTEM CODES: 400+500+999+600+
FUNCTION CODES: +12+13+15+

Schaefer, Mel ID # 59
Dept. of Ecology
Mail Stop PV-11
Olympia, WA 98504 (206)4596726

RESEARCH:
work in Washington; interests in surface water hydrology; flood hydrology & hydraulics
LIBRARY:
+250 refs. avail. on surface water hydrology
SYSTEM CODES: 600+700+
FUNCTION CODES: +3+4+

Schafer, Jim ID # 126
Wash. Dept. of Transportation
Administration Bldg.
Olympia, WA 98506 (206)7533878

RESEARCH:
work in Washington in areas of wetland design, creation, classification, revegetation, monitoring; technical advisor on University of Washington wetlands monitoring criteria research project.
LIBRARY:
20 documents on general wetlands available
SYSTEM CODES: 600+700+999+
FUNCTION CODES: +16+

Schauman, Sally ID # 135
Dept. of Landscape Architecture
University of Washington
Seattle, WA 98105 (206)5439240

RESEARCH:
human perceptions of and attitudes toward landscape types; some pubs.
LIBRARY:
No library information available.
SYSTEM CODES: 999+
FUNCTION CODES: +16+

Schuller, Reid ID # 46
Washington Natural Heritage Prog. Dept. Nat. Res.
Mail Stop: EX-13
Olympia, WA 98504 (206)7532449

RESEARCH:
Vegetation and floristic inventory in Washington; various in-house reports
LIBRARY:
1000 restricted refs. on preserve design and mngmt. and applied research
SYSTEM CODES: 600+700+999+
FUNCTION CODES: +10+11+14+

Schwartz, Maurice L. ID # 101
Dept. of Geology
Western Washington University
Bellingham, WA 98225 (206)6763586

RESEARCH:
coastal erosion, protection and restoration; sea level changes; net shore drift direction & rates; coastal archeology; work on coastline of Wash.; numerous pubs. on these topics
LIBRARY:
No library information available.
SYSTEM CODES: 400+
FUNCTION CODES: +4+5+

Schwarz, Abby L. ID # 132
consultant
#101-1484 Charles St.
Vancouver, BC V5L2S8 (604)2533669

RESEARCH:
behavioral ecology;criteria used to select and behavior employed to find habitat; how resource distribution affects population distribution
LIBRARY:
some refs. on behavior & behavioral ecology of restricted availability
SYSTEM CODES: 400+600+500+
FUNCTION CODES: +12+14+

Seliskar, Denise M. ID # 209
Halophyte Biology Laboratory
College of Marine Studies
University of Deleware
Lewes, DE 19958 302 645-4366

RESEARCH:
the use of changes in plant morphology to determine wetland boundaries; the effects of environmental factors on plant morphology. Is willing to be consulted in these areas.
LIBRARY:
No library information available.
SYSTEM CODES: 500+999+
FUNCTION CODES: +9+16+17+

Sheldon, Dyanne ID # 139
King Co. Building and Land Development
Eastpointe Plaza, Suite A
3600 - 136th Place SE
Bellvue, WA 98006 206/296-7147

RESEARCH:
interests in freshwater wetlands, regulations, mitigation, wetland inventory process, policy & administ.
LIBRARY:
inventory of about 900 wetland areas of King County, WA, available
SYSTEM CODES: 600+
FUNCTION CODES: +3+9+10+11+12+13+14+15+16+

Simenstad, Charles ID # 44
Fisheries Research Institute
University of Washington
WH-10
Seattle, WA 98195 (206)5437185 ext 4650

RESEARCH:
Trophic structure, feeding ecology, carbon flux in estuarine enviro., consumers in Puget Sound, Grays Harbor & Columbia R. estuary; feeding ecol. (nat. & exper.) of outmigrating juvenile salmonids in Hood Canal & other Puget Sound estuaries; microhabitat/epibenthic crustacean-fish consumption relationships;(also work in Alaska);estuarine/coastal marine
LIBRARY:
many pubs. and +100 files on Cyber mainframe disk/tape of subjects listed above available
SYSTEM CODES: 400+500+
FUNCTION CODES: +8+13+14+15+17+

Skinner, Earl ID # 174
U.S. Geological Survey
Water Resources Division
1201 Pacific Ave. - Suite 600
Tacoma, WA 98402 206/593-6510

RESEARCH:
Report reviews for water quality. Exp in general water quality, mostly chemical.
LIBRARY:
USGS WATSTORE file and small inhouse library with refs on water quality, surface-water flow, and ground water.
SYSTEM CODES: 600+
FUNCTION CODES: +7+

Smythe, Susan ID # 181
Simon Fraser University
127 7th Ave.
New West Minster, BC V3L 1W2 604/521-2764

RESEARCH:
Examination of edaphic ecotypic status of Carex lyngbyei, and vegetation survey of 17 Puget Trough estuarine marshes. Few publ from research. Primary expertise in estuarine primary productivity.
LIBRARY:
No library information available.
SYSTEM CODES: 400+500+
FUNCTION CODES: +5+9+10+

Speich, Steven M. ID # 99
Consultant
4817 Sucia Drive
Ferndale, WA 98248 (206)3841496

RESEARCH:
colony surveys/ reproduction in seabirds/ waterbird surveys/ effects of oil on marine birds/ community structure; work in all marine areas of Washington; some pubs on seabird colonies, oil spill impacts to waterbirds;marine bird distribution and abundances, pollution effects.
LIBRARY:
4000 reprints of restricted availability on marine birds, evolutionary biology, and reproductive studies, historical files
SYSTEM CODES: 400+500+
FUNCTION CODES: +12+13+14+15+10+

Spyridakis, Dimitris E. ID # 128
Environmental Engineering, More Hall FX-10
University of Washington
Seattle, WA 98195 (206)5432394

RESEARCH:
nutrient balances in three different types of marshes in Wisconsin
LIBRARY:
No library information available.
SYSTEM CODES: 600+700+
FUNCTION CODES: +7+

Stevens, Michelle ID # 36
Washington Department of Ecology
Mail Stop PV-11
Olympia, WA 98504 206/459-6000

RESEARCH:
shrub encroachment on sedge meadow, nutrient analysis & hydrology in Idaho; interests also in hydrology and taxonomy; 1 pub. on this topic
LIBRARY:
Dept of Ecology's Wetland Bata Bate for PNW
SYSTEM CODES: 600+700+
FUNCTION CODES: +9+10+11+

Stevens, Terence C. ID # 150
Ecology-Padilla Bay National Estuarine Sanctuary
1043 Bayview-Edison Rd.
Mt. Vernon, WA 98273 (206)4281558

RESEARCH:
interests in primary-secondary productivity (habitat type) and species requirements for habitat
LIBRARY:
No library information available.
SYSTEM CODES: 500+
FUNCTION CODES:

Stockdale, Erik ID # 195
King County Resource Planning
506 Second AVE #707
Seattle, WA 98115 206 587-4688

RESEARCH:
On-going research into the feasability of using wetlands for stormwater management and nonpoint pollution control; 2 publications on this topic; interested in coastal zone and Puget Trough wetlands.
LIBRARY:
has set up a bibliography accessable through dBaseIII. Copies upon request. Library can be used with permission.
SYSTEM CODES: 999+
FUNCTION CODES: +3+

Stout, David J. ID # 119
U.S. Fish & Wildlife Service
2625 Parkmont Lane S.W. Bldg. B-3
Olympia, WA 98503 (206)7539440

RESEARCH:
interests in project evaluation, mitigation, national wetland inventory
LIBRARY:
agency reports available on wetland plants and wetland values
SYSTEM CODES: 500+999+
FUNCTION CODES: +15+16+

Stout, Heather A. ID # 149
Kalmia Environmental Consulting
7015 Brighton Lane South
Seattle, WA 98118 206 722-0409

RESEARCH:
primary productivity of eelgrass in Netarts Bay, Ore. competitive interactions between two marsh plant spp.; pollination; 2 pubs.; interests in endangered coastal/wetland spp., flora & ecological physiology of salt marsh vegetation
LIBRARY:
No library information available.
SYSTEM CODES: 500+600+
FUNCTION CODES: +9+10+16+

Stream, Lee ID # 215
Washington Dept. of Wildlife
2802 Fruitvale Blvd.
Yakima, WA 98902 509 575-2740

RESEARCH:
Game and nongame species in Yakima, Benton, Kittitas, Chelan counties. Willing to be consulted on wetland rehab areas in Yakima Greenway belt and wetland needs in Yakima County.
LIBRARY:
No library information available.
SYSTEM CODES: 700+
FUNCTION CODES: +12+13+15+

Sumioka, Steve S. ID # 178
U.S. Geological Survey
Water Resources Division
1201 Pacific Ave. - Suite 600
Tacoma, WA 98402 206/593-6510

RESEARCH:
Vascular plants, vertebrates, bacteria, and algae in Western Washington.
LIBRARY:
No library information available.
SYSTEM CODES: 600+700+
FUNCTION CODES: +7+

Swanson, Fred ID # 61
U.S. Forest Service Forestry Sciences Lab
3200 JEfferson
Corvallis, OR 97331 (503)7574398

RESEARCH:
woody debris in streams; riparian zone ecology; many pubs. on these topics; work in N. Calif. to SE Alaska; also interested in geomorphology
LIBRARY:
many refs avail. on woody debris in streams and study sites
SYSTEM CODES: 700+
FUNCTION CODES: +7+8+5+

Swanson, Douglas ID # 113
Washington Dept. of Transportation
Project Development Office
Olympia, WA 98504 (206)5863532

RESEARCH:
bird community diversity, response to disturbance, plant succession; interest in wildlife/habitat relationships and plant succession in created wetlands
LIBRARY:
No library information available.
SYSTEM CODES: 700+
FUNCTION CODES: +10+12+16+

Taylor, Ronald J. ID # 205
Western Washington University
Biology Department
Bellingham, WA 98225 206 676-3628

RESEARCH:
General inventory work; plant taxonomy. Primary expertise in flowering plants of the Pacific Northwest.
LIBRARY:
No library information available.
SYSTEM CODES: 999+
FUNCTION CODES: +10+

Terich, Thomas A. ID # 115
Dept. of Geography and Regional Planning
Western Washington University
Bellingham, WA 98225 (206)6763284

RESEARCH:
coastal processes and coastal mngmt., beach erosion; sediment budgets; shoreline development impacts; erosion protection; several pubs. on these topics, 1 book; work in Ore. and Wash.
LIBRARY:
No library information available.
SYSTEM CODES: 999+
FUNCTION CODES:

Thom, Ronald M. ID # 45
Fisheries Research Institute
WH-10 University of Washington
Seattle, WA 98195 (206)

RESEARCH:
primary productivity of benthos in Pacific NW estuaries & coastal habitats; estuarine wetland construction; Pacific NW & southern Calif.; interest in algal ecology, primary productivity, pollution, wetlands construction; ongoing research includes: Lincoln AV wetland rehab project, Padilla Bay benthic primary productivity, Drayton Hrbr. near-shore system ecology.
LIBRARY:
about 5,0000 references on marine and estuarine algal ecology available with permission.
SYSTEM CODES: 400+500+
FUNCTION CODES: +9+10+11+16+

Topik, Christopher ID # 89
Mt. Hood National Forest
2955 NW Division
Gresham, OR 97030 (503)6660670

RESEARCH:
Forest zone plant community analysis, Gifford Pinchot NF; interest in forest ecosystems, community analysis, forest soil decomposition and nutrient cycling
LIBRARY:
No library information available.
SYSTEM CODES: 700+
FUNCTION CODES: +8+10+

Trethewey, Donald ID # 151
Canadian Wildlife Service
P.O. Box 340
Delta, BC V4K3Y3 (604)9468546

RESEARCH:
monitoring migratory bird use of coastal systems (BC); several reports on migratory bird use of coastal systems in BC; interests in estuaries and marine intertidal areas as migratory bird habitat
LIBRARY:
No library information available.
SYSTEM CODES: 400+500+999+600+700+
FUNCTION CODES: +15+16+12+13+14+17+

Tweit, William ID # 58
Squaxin Island Fisheries
West 81 Highway 108
Shelton, WA 98584 206/426-9781

RESEARCH:
salmonid production in southern Puget Sound, Nisqually R.; tribal technical reports; interests in salmonid use of riparian & estuarine areas, marine bird use of estuaries
LIBRARY:
refs. avail. on Nisqually R. salmonid production & habitat quality
SYSTEM CODES: 500+700+
FUNCTION CODES: +12+13+14+15+

Ugolini, F.C. ID # 148
College of Forest Resources AR-10
University of Washington
Seattle, WA 98195 (206)5432789 ext 2740

RESEARCH:
soil processes in subalpine, boreal, tundra and polar desert; assessment of early stages of soil formation on Mt. St. Helens; several pubs.; work in Cascades, arctic Alaska, Spitsbergen; interest in soil mineralology, weathering also biochemical cycle.
LIBRARY:
refs. on soils, pedology, Arctic regions, Tephra available
SYSTEM CODES: 999+
FUNCTION CODES:

Wahl, Terrence R. ID # 199
3041 Eldridge
Bellingham, WA 98225 206 733-8255

RESEARCH:
Marine bird surveys and research cruises off Washington and Pacific Coast andtrans-Pacific. 2 publications on marine bird populations and distribution. Primary area of expertise is the distribution, habitat, and ecological associations of seabirds in Washington and adjacent waters.
LIBRARY:
Databases: WA continental shelf-30,000 records ; MESA inside waters-90,000 records; mid-Pacific waters-60,000 records. Restricted access
SYSTEM CODES: 400+500+
FUNCTION CODES: +12+13+15+

Wald, A. ID # 37
Washington Dept. of Ecology
Water Resources Mngmt. PV-11
Olympia, WA 98504 (206)4596118

RESEARCH:
Literature review of ground water exchange functions of wetlands; environmental reviews of projects affecting hydrologic processes in wetlands; technical reports within agency; interests in ground water recharge and hydrological processes
LIBRARY:
20-30 in-house pubs. and tech. reports on groundwater & hydrologic processes available
SYSTEM CODES: 600+700+
FUNCTION CODES: +1+2+

Watson, Jay F. ID # 77
U.S. Fish & Wildlife Service
500 NE Multnomah St. Suite 1692
Portland, OR 97232 (503)2316154

RESEARCH:
contract monitoring; coastal ecosystems data synthesis; work in Pacific coast
LIBRARY:
2500 volumes avail. on coastal ecosystems
SYSTEM CODES: 500+
FUNCTION CODES: +9+12+13+

Watzin, Mary ID # 105
National Wetlands Research Center/ USFWS
1010 Gause Blvd.
Slidell, LA 70458 504/646-7296

RESEARCH:
literature syntheses on community types and particular habitats; computerized geographic information system data development for habitat trend studies; habitat evaluation procedures for habitat value assessment
LIBRARY:
data base on wetland mitigation and follow-up studies held at Western Energy Land Use Team; 2627 Redwing Rd. Creekside 1, Fort Collins, CO 80526-2899
SYSTEM CODES: 500+999+
FUNCTION CODES: 16+17+

Way, A. William ID # 147
The Watershed Co. (consultant)
1029 Market St., Suite C
Kirkland, WA 98033 (206)8225242

RESEARCH:
applied stream rehabilitation; manipulation of low-flow channel to create preferred salmonid spawning and rearing habitat; construction techniques
LIBRARY:
No library information available.
SYSTEM CODES: 700+
FUNCTION CODES: +5+12+13+14+15+16+

Wayne, Maureen ID # 33
Wildlife BR BC Ministry of Environment
480 Blanshard St.
Victoria, BC V8V1X5 (604)3874573 ext 307

RESEARCH:
estuarine habitat inventory mapping; estuarine marsh rehab.; channel creation in dyked intertidal marsh; riverine side spawning channel creation in coastal BC; several pubs. in these areas
LIBRARY:
many refs. avail.
SYSTEM CODES: 500+
FUNCTION CODES: +10+13+16+

Weinmann, Fred ID # 39
Corps of Engineers
4735 E Marginal Way
Seattle, WA 98027 206 764-3624

RESEARCH:
marine algal ecology, impacts of dredging, wetland delineation, environmental planning; some pubs. in these topics
LIBRARY:
some refs. avail. on Puget Sound water quality
SYSTEM CODES: 400+500+999+
FUNCTION CODES: +8+9+10+16+

Welch, Eugene B. ID # 204
University of Washington
Department of Civil Engeneering
Seattle, WA 98195 206 543-2632

RESEARCH:
Nutrient cycling, loading and modelling in shallow lakes before and after restorative treatment.. Several publications upon request. Primary area of expertise in lake management in western Washington. Is willing to be consulted in these areas.
LIBRARY:
10 years data and references in papers.
SYSTEM CODES: 600+700+
FUNCTION CODES: +8+17+

Wheeler, Richard H. ID # 2
23500 SE Blue Ridge Dr.
Boring, OR 97009 (503)6584742

RESEARCH:
Mgmt. consultation to National Forest land mngrs. in timber harvesting, monitoring mngmt. activities & assessment of effects, policy, guidelines, objectives and contract provisions; interests in montane forests; floodplains, riparian and aquatic habitat quality, adjacent upland forests; several in-house reports; work in northern Ore. Cascades
LIBRARY:
No library information available.
SYSTEM CODES: 600+700+
FUNCTION CODES: +3+5+6+16+17+

Williams, Gary L. ID # 35
2300 King Albert Ave.
Coquitlam, BC V3J1Z8 604/936-0185

RESEARCH:
foreshore habitat assessment & development in Pacific NW; interests in juvenile salmonid habitat/wetlands; rehabilitation; reports to clients; Habitat banking; wetland (marsh and eelgrass) creation.
LIBRARY:
1000 refs avail.
SYSTEM CODES: 500+700+400+999+
FUNCTION CODES: +8+9+12+13+16+17+

Winward, Al H. ID # 75
USDA Forest Service
324 25th St.
Ogden, UT 84401 (801)6255596

RESEARCH:
riparian vegetation classification; several pubs.; work in Idaho, Utah, western Wyoming, Nevada, E. Oregon
LIBRARY:
No library information available.
SYSTEM CODES: 700+
FUNCTION CODES: +9+10+11+

Wissmar, Robert C. ID # 187
University of Washington
Fisheries Research Institute, WH-10
Seattle, WA 98195 206/543-7467

RESEARCH:
1) Growth and survival of juvenile salmonid in estuaries. 2) Carbon and nutrient cycles in estuaries. Several pubs from research. Work primarily in Northern Pacific Rim.
LIBRARY:
University of Washington Libraries - Fisheries and Oceanography.
SYSTEM CODES: 500+700+999+
FUNCTION CODES: +7+8+9+11+12+13+15+

Wrye, Dan D. ID # 121
Planning Coordinator
Mason County Dept. of General Services
PO Box 186
Shelton, WA 98584 206 427-9670 ext 365

RESEARCH:
assessment of wetland functional & values evaluations; interests in water quality hydrology, mitigation, and restoration.
LIBRARY:
No library information available.
SYSTEM CODES: 999+
FUNCTION CODES: +3+

Zarnowitz, Jill E. ID # 162
Washington Department of Game
5405 Hazel Dell
Vancouver, WA 98663 206/696-6211

RESEARCH:
Predation rates by waterfowl, other birds, and river otter on coho salmon fingerlings in natural ponds, incl habitat use on ponds primarily in Western WA (esp SW). Also interested in riverine and estuarine restoration.
LIBRARY:
No library information available.
SYSTEM CODES: 500+700+999+
FUNCTION CODES: +12+13+14+15+16+17+

Zeigler, Bob ID # 112
Washington Dept. of Game
600 N. Capitol Way
Olympia, WA 98504 (206)7533318

RESEARCH:
observations of permitted actions in Puget trough; expertise in creation and rehabilitation
LIBRARY:
No library information available.
SYSTEM CODES: 500+600+700+
FUNCTION CODES: +10+12+13+14+15+16+

Resource Guide To Wetland Scientists of the Pacific Northwest

— Expertise Index —

EXPERTISE INDEX

MARINE (400)

*FUNCTION CODE	PERSON ID #
1	83
2	83
3	
4	4,72,74,101,172
5	4,15,72,74,93,101,182,222
6	4,15,222
7	60,109,222
8	35,39,44,109,142,172,222
9	11,35,39,45,141,142,170,172,173,181,222
10	5,18,39,45,80,99,141,142,159,161,170,173,181,191,202,222
11	5,18,45,83,141,142,161,170
12	11,14,26,35,51,68,71,95,99,132,133,142,151,153,157,158, 160,173,183,199,202,206,213,214,219,222
13	11,14,18,26,35,44,51,68,71,95,99,110,133,142,151,153,158, 173,183,188,197,199,202,206,214,219,222
14	11,14,44,99,132,133,141,151,153,158,173,206,219,222
15	11,14,26,44,51,68,71,83,99,133,141,151,153,158,160,173, 199,202,206,214,219,222
16	5,11,14,35,39,45,74,80,110,141,142,151,153,157,159,172, 173,183,191,197,222
17	11,35,44,141,142,151,159,172,173,191,197,222

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ESTUARINE (500)

*FUNCTION CODE	PERSON ID #
1	67,83,175,221
2	67,83,175,221
3	53,56,67,175
4	1,4,20,34,72,74,106,131,169,172,192
5	4,15,34,48,57,67,72,74,93,103,106,169,175,181,184,192,222
6	4,15,34,67,103,131,222
7	34,57,60,63,109,187,200,221,222
8	1,7,34,35,39,44,57,63,67,70,109,142,172,187,193,200,210,222
9	1,7,11,13,19,25,34,35,39,45,48,57,63,70,77,103,114,120,141, 142,146,149,152,167,172,173,181,184,187,193,209,210,211,222
10	1,5,13,25,33,34,39,41,45,48,50,53,56,63,80,99,103,112,114, 120,124,131,141,142,149,152,154,159,161,163,167,169,173,181, 191,207,211,218,222
11	1,5,13,34,45,48,50,53,63,83,120,131,141,142,152,161,167, 169,187,207,211
12	11,14,26,28,34,35,40,51,53,56,58,67,68,71,77,95,99,106,112, 120,124,130,131,132,133,134,142,151,153,157,158,160,162,165, 173,182,183,184,187,199,206,214,219,222
13	1,11,14,26,33,34,35,44,51,53,58,66,67,68,70,71,77,95,99,103, 106,110,111,112,120,124,130,131,133,134,142,151,153,154,158, 162,165,173,182,183,184,187,188,197,199,206,214,218,219,222
14.	11,14,34,44,53,56,58,70,99,112,120,124,130,131,132,133, 134,141,151,153,158,162,165,173,182,184,206,219,222
15	11,14,26,40,44,51,53,56,58,66,68,70,71,83,99,112,119,120, 124,133,134,141,151,153,154,158,160,162,165,173,182,184, 187,199,206,214,218,219,222
16	1,5,7,11,14,19,20,25,28,33,34,35,39,45,53,56,70,74,80,106, 110,111,112,119,120,124,131,134,141,142,146,149,151,153, 154,157,159,162,163,165,167,169,172,173,182,183,191,197, 200,209,210,211,218,222
17	11,13,25,34,35,41,44,49,53,56,67,105,114,130,141,142,151, 159,162,169,172,173,191,197,200,207,209,210,211,222

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FRESHWATER IMPOUNDED (600)

*FUNCTION CODE	PERSON ID #
1	10,37,73,175,176,177
2	10,37,175,176,177
3	2,52,53,56,59,127,139,175,176,186
4	31,34,59,169
5	2,10,31,34,47,52,57,73,86,127,143,169,175,185,186,222
6	2,34,47,52,73,127,186,222
7	34,47,57,60,92,107,109,125,128,143,151,169,174,178,203,222
8	16,34,57,70,86,92,109,125,186,198,204,222
9	16,22,34,36,57,70,86,92,107,120,125,139,143,146,149,152,167, 186,194,198,211,222
10	22,31,34,36,46,50,53,56,79,86,107,112,117,120,124,125,127, 129,138,139,145,149,152,154,167,169,186,191,194,198,211,218, 222
11	34,36,46,50,53,79,107,120,139,152,167,169,186,194,211
12	24,28,31,32,34,43,51,53,55,56,79,94,107,112,116,117,120,124, 127,132,139,145,151,157,165,183,186,201,206,222
13	24,31,32,34,43,51,53,55,66,70,79,94,107,112,116,117,120,124, 127,129,139,145,151,154,156,165,183,186,201,203,206,218 ,222
14	24,31,32,34,46,53,55,56,70,79,94,107,112,116,120,124,127, 129,132,139,145,151,156,165,186,201,206,222
15	21,24,31,51,53,55,56,66,70,79,94,107,112,116,120,124,127, 129,139,145,151,154,165,201,206,218,222
16	2,10,16,21,28,29,31,34,47,53,56,70,76,79,94,107,112,117,118, 120,124,126,127,129,138,139,143,146,149,151,154,156,157,165, 167,169,183,186,191,211,218,222
17	2,16,34,47,52,53,56,79,107,151,169,191,204,211,222

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EXPERTISE INDEX

RIPARIAN (700)

*FUNCTION CODE	PERSON ID #
1	23,30,37,67,90,175,196,208
2	23,30,37,67,175,208
3	2,30,52,53,59,67,78,97,127,140,175,186,196,208
4	1,23,31,34,59,72,106,131,169
5	2,30,31,34,47,52,61,67,72,78,90,91,100,103,106,127,147,169, 175,184,186,196,208,222
6	2,34,47,52,67,90,100,103,127,131,186,208,222
7	3,34,47,61,63,91,92,125,128,178,187,200,222
8	1,3,12,16,34,35,54,61,63,67,81,89,91,92,100,125,186,187, 190,198,200,204,222
9	1,3,11,12,16,34,35,36,54,63,75,88,90,91,92,103,104,107,114, 120,125,146,152,180,184,186,187,194,198,211,222
10	1,3,12,31,34,36,46,53,63,75,79,85,87,88,89,103,104,107,112, 113,114,120,124,125,127,129,131,138,140,145,152,155,161,169, 171,180,186,191,194,198,211,222
11	1,3,12,34,36,46,53,54,63,75,79,87,88,107,120,131,152,161, 169,171,180,186,187,194,211
12	8,11,17,30,31,34,35,43,53,58,67,71,79,94,106,,107,112,113, 120,124,127,131,145,147,151,157,162,182,184,186,187,190,201, 206,214,215,216,222
13	1,8,11,17,31,34,35,43,53,54,58,67,71,79,90,94,103,106,107, 112,120,124,127,129,131,145,147,151,162,182,184,186,187,190, 201,206,214,215,216,222
14	8,11,17,31,34,46,53,58,79,85,94,107,112,120,124,127,129,131, 145,147,151,162,182,184,186,190,201,206,216,222
15	8,11,17,21,31,53,58,71,79,94,107,112,120,124,127,129,145, 147,151,162,182,184,187,201,206,214,215,222
16	1,2,8,11,16,17,21,31,34,35,47,53,79,88,91,94,106,107,112, 113,118,120,124,126,127,129,131,138,146,147,151,157,162,168, 169,171,182,186,191,200,208,211,212,222
17	2,8,11,16,34,35,47,52,53,67,79,88,107,114,151,155,162,169, 190,191,200,204,208,211,212,216,217,222

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EXPERTISE INDEX

GENERAL WETLAND (999)

*FUNCTION CODE	PERSON ID #
1	10,65,67,73,175,208,221
2	10,65,67,175,189,208,221
3	53,65,67,97,121,123,140,175,186,189,195,208
4	1,34,106,169
5	10,34,67,73,86,106,169,175,185,186,208,222
6	34,65,67,73,186,208,222
7	3,34,92,187,221,222
8	1,3,34,35,39,67,86,92,186,187,198,210,222
9	1,3,25,34,35,39,84,86,88,92,104,107,114,123,136,152,167,186, 187,194,198,209,210,211,222
10	1,3,25,34,39,46,53,79,84,85,86,87,88,104,107,114,117,123, 124,129,140,145,152,154,155,159,166,167,169,171,186,189,194, 198,205,211,218,222
11	1,3,34,46,53,79,84,87,88,107,152,167,169,171,186,187,189, 194,211
12	9,34,35,38,51,53,67,79,84,106,107,117,123,124,137,145,151, 157,158,162,164,165,179,183,186,187,189,201,206,222
13	1,9,34,35,38,51,53,67,79,84,106,107,117,123,124,129,137, 144,145,151,154,158,162,164,165,179,183,186,187,189, 201,206,218,222
14	9,34,46,53,79,85,107,124,129,137,145,151,158,162,164,165, 179,186,189,201,206,222
15	9,51,53,79,107,119,124,129,137,145,151,154,158,162,164,165, 179,187,189,201,206,218,222
16	1,9,10,25,34,35,39,53,62,76,79,88,106,107,117,119,124,126, 129,135,136,144,151,154,157,159,162,164,165,167,168,169 , 171,179,183,186,189,208,209,210,211,212,218,222
17	25,34,35,49,53,67,79,88,105,107,114,151,155,159,162,164, 169,208,209,210,211,212,222

***Refer to page 82 for Function Codes**

FUNCTION CODES

Hydrology

1. Ground Water Recharge
2. Ground Water Discharge
3. Flood Storage and Desychronization

Sedimentology

4. Shoreline Anchoring
5. Sediment Trapping

Water Quality

6. Physical Filtration
7. Biochemical Processing

Carbon/Detritus

8. Carbon/Detritus Cycling

Primary Producers

9. Productivity
10. Diversity
11. Complexity

Consumer Support

12. Breeding/Rearing
13. Feeding/Foraging
14. Refuge
15. Migration

Creation/Restoration

16. Wetland Creation
17. Wetland Restoration

— Person I. D. Index —

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1	Ewing, Kern	26	Fresh, Kurt
2	Wheeler, Richard H.	27	Phipps, Jim
3	Cushing, C.E.	28	Boyd, Sean
4	Duxbury, Alyn C.	29	Herb, Gene
5	Albright, Rick	30	Megahan, Walter F.
6	Kovalchik, B.	31	Lines, Ivan
7	Kistritz, Ron	32	Gibson, Flash
8	Peterson, N. Phil	33	Wayne, Maureen
9	Casne, Sam	34	Fuerstenberg, Bob
10	Breckenridge, Robert P.	35	Williams, Gary L.
11	Levings, C.D. (Colin)	36	Stevens, Michelle
12	McKee, Arthur	37	Wald, A.
13	Mitchell, Dianne L.	38	Brunner, Ken
14	Dinnel, Paul	39	Weinmann, Fred
15	Determan, Timothy A.	40	Penttila, Daniel E.
16	Hett, Joan	41	Campbell Prentice, Alison
17	Bisson, Peter	42	Mastroguisseppe, Joy
18	Olson, Annette M.	43	Reese, Kerry Paul
19	Moody, Anne	44	Simenstad, Charles
20	Moody, Bob	45	Thom, Ronald M.
21	Fraser, Jim	46	Schuller, Reid
22	Nichols, Don	47	Horner, Richard
23	Bohn, Carolyn	48	Hutchinson, Ian
24	Lang, Bruce	49	Pendleton, Edward
25	Kentula, Mary E.	50	Kunze, Linda
26	Fresh, Kurt	51	Savard, Jean-Pierre L.

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ID #	NAME
52	Jones, Randall A.
53	Dueker, Jon K.
54	Lamberti, Gary A.
55	Auler, Ron
56	Dawe, Neil K.
57	Heinle, Don
58	Tweit, William
59	Schaefer, Mel
60	Crecelius, Eric
61	Swanson, Fred
62	Glad, Judith B.
63	McIntire, C. David
64	Bliss, Lawrence C.
65	Bowlus, Mike
66	Northcote, T.G.
67	McAuliffe, Chris L.
68	Birtwell, Ian K.
69	Bush, Gregory
70	Burgess, Thomas E.
71	Butler, Robert
72	Bauer, Wolf
73	Brown, Rob
74	Luternauer, John L.
75	Winward, Al H.
76	Caldwell, Kenneth
77	Watson, Jay F.

ID #	NAME
77	Watson, Jay F.
78	Grant, Gordon
79	Raedeke, Dr. Kenneth J.
80	Burge, Richard
81	Franklin, Jerry F.
82	Cannon, Dr. Glenn A.
83	Chu, Wen-Sen
84	Orians, Gordon H.
85	Crawford, Rex
86	Funk, William H.
87	Halpern, Charles B.
88	del Moral, Dr. Roger
89	Topik, Christopher
90	Elmore, Wayne
91	Dahm, Cliff
92	Minshall, Dr. G. Wayne
93	Ebbesmeyer, C.
94	Cederholm, Jeff
95	Calambokidis, John
96	Pringle, Russell F.
97	Murdoch, Tom
98	Canning, Douglas J.
99	Speich, Steven M.
100	Adams, Paul W.
101	Schwartz, Maurice L.
102	Johnson, Frederic D.

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ID #	NAME
103	Mason, David T.
104	Hashim, William A.
105	Watzin, Mary
106	Clairain, Jr., Ellis J.
107	Milligan, Dorothy A.
108	Broch, Edmund
109	Baross, John
110	Cooper, John W.
111	Good, James W.
112	Zeigler, Bob
113	Swanson, Douglas
114	Frenkel, Bob
115	Terich, Thomas A.
116	Brueggeman, Jay
117	Miller, Tina
118	Chamberlain, Nadja
119	Stout, David J.
120	Boule, Marc
121	Wrye, Dan D.
122	Osis, Vicki
123	Eckel, Bill
124	Rogers, Ralph Thomas
125	Geiger, Stan
126	Schafer, Jim
127	Pineo, Doug
128	Spyridakis, Dimitris E.

ID #	NAME
128	Spyridakis, Dimitris E.
129	Mishaga, Richard
130	Robbins, Diana E.
131	Brownlee, Michael John
132	Schwarz, Abby L.
133	Armstrong, David A.
134	Mills, Mary Lou
135	Schauman, Sally
136	Kunz, Kathleen
137	Rodrick, Betty
138	Lightcap, Brian Wm.
139	Sheldon, Dyanne
140	Adamus, Paul R.
141	Backman Ph.D., Thomas W.H.
142	Mumford, Jr., Thomas F.
143	Gearheart, Robert A.
144	Brown, Bernard F.
145	Houck, Mike
146	Bierly, Ken
147	Way, A. William
148	Ugolini, F.C.
149	Stout, Heather A.
150	Stevens, Terence C.
151	Trethewey, Donald
152	Burg, Mary E.
153	Russell, Rob

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ID #	NAME
154	Jones, Lindsay
155	Evenden, Angela
156	Rabe, Fred W.
157	Conlin, Kevin
158	Mason, Dr. John C.
159	Messmer, Louis W.
160	Richter, Dr. Klaus O.
161	Mearns, Dr. Alan J.
162	Zarnowitz, Jill E.
163	Phillips, Ronald C.
164	Ennis, Gordon L.
165	Jones, Peter A.
166	Reed, Jr., Porter B.
167	Boss, Theodore R.
168	Sanders, Sr., Dr. Dana R.
169	Every, A. David
170.	Foreman, Dr. Ronald E.
171	Kranz, Ronald D.
172	Fox, David
173	Graybill, Michael
174	Skinner, Earl
175	Prych, Edmund A.
176	Bortleson, Gilbert C.
177	Dion, Norman P.
178	Sumioka, Steve S.
179	Kraege, Don

ID #	NAME
179	Kraege, Don
180	Harris, Dr. Richard R.
181	Smythe, Susan
182	Lindsay, David J.
183	Peters, Dennis D.
184	Koski, Dr. K. U.
185	Mehringer, Jr., Peter J.
186	Lee, Dr. Lyndon C.
187	Wissmar, Robert C.
188	Jumars, Peter A.
189	Harrison, Benjamin V.
190	Froehlich, Henry A.
191	Ives, Jonathan
192	Ages, Alard
193	Hall, Ken J.
194	Cooke, Sarah S.
195	Stockdale, Erik
196	Ice, George Gary
197	Ross, Brian D.
198	Black, R. Allen
199	Wahl, Terrence R.
200	Pritchard, Ken
201	Milner, Ruth
202	Boersma, P. Dee
203	Brakke, David F.
204	Welch, Eugene B.

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ID #	NAME	ID #	NAME
205	Taylor, Ronald J.		
206	Paulson, Dennis R.		
207	Bradfield, Gary		
208	Beschta, Robert L.		
209	Seliskar, Denise M.		
210	Gallagher, John L.		
211	Ceska, Adolf		
212	Harmon, Janice M.		
213	McAllister, Kelly		
214	Eickstaedt, Larry		
215	Stream, Lee		
216	Dumas, Philip C.		
217	Platts, William S.		
218	Fry, Kathleen		
219	Gunderson, Donald R.		
220	McMillan, Andy		
221	Finney, Brad		
222	Hull, David		

WETLAND RESOURCE DIRECTORY FORM

I wish the following information to be included in the *Resource Guide to Wetland Scientists of the Pacific Northwest*.

Name_____

Agency/Institution_____

Address_____

City_____State/Prov._____Zip/P.C._____

Phone # _____/_____

Primary area of expertise:

Geographical area(s) covered:

Research performed:

Publications from research:

Data bases/libraries:

subject(s):

size (# of references):

availability (open, restricted, etc.):

Resource People (name, area of expertise, phone):

I am willing to be consulted in these areas:

Signature:_____Date:_____

(OVER)

Please circle the code numbers that best represent your area(s) of knowledge and/or experience.

I. SYSTEM

400 Marine

500 Estuarine

600 Freshwater Impounded

700 Riparian

999 General Wetlands

II. FUNCTIONS

1. Ground Water Recharge

2. Ground Water Discharge

3. Flood Storage and Desynchronization

4. Shoreline Anchoring

5. Sediment Trapping

6. Physical Filtration

7. Biochemical Processing

8. Carbon/Detritus Cycling

<u>Primary Producers</u>

9. Productivity

10. Diversity

11. Complexity

<u>Consumer Support</u>

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13. Feeding/Foraging

14. Refuge

15. Migration

16. Wetland Creation

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