INTERSTATE COMMISSION ON THE POTOMAC RIVER BASIN

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Staff Education and Project Expertise

The ICPRB's efforts in restoring and protecting the watershed's resources are aided by a highly educated and qualified staff of scientists, administrators, and communications professionals, many with advanced degrees.

ICPRB and Council of Governments staff survey river herring in an Anacostia tributary.

The technical ability of the ICPRB staff in watershed and related resources management is recognized throughout the region. This expertise supports a variety of actions by the ICPRB member jurisdictions in a number of areas of interest.

WATER RESOURCES -The ICPRB focus on water resources spans a range of activities, including managing the river for water supply during droughts, forecasts of demand, flood control, and source water protection. The water resources knowledge of the staff through the ICPRB Section for Cooperative Water Supply Operations on the Potomac (CO-OP) coordinates the water supply withdrawals of the three major metropolitan-area water utilities that rely on Potomac River water for over 400 million gallons per day to meet the thirst of the capital region. The unit conducts research to support future water supply needs of the metropolitan area, and studies how the existing system can be improved.

Water resources staff coordinate a basin-wide Drinking Water Source Protection Partnership (DWSPP) that brings local, state, and federal groups together to protect drinking water supplies for the watershed. Staff also are working to determine groundwater uses and needs throughout the basin.

Erik Hagen, Director for CO-OP Operations: BS - Environmental Engineering, MS - Water Resources Management, P.E.
Cherie Schultz, Associate Director for Water Resources: BS - Physics, MS - Civil Engineering (Water Resources), Ph.D. - Physics
Mark Lorie, Water Resources Planner: BS-Psychology, MS-Environmental Management and Economics
Jim Palmer, Senior Hydrogeologist: BS-Geology, Graduate work in Hydrogeology

Water resources operations and supply modeling; Population and demand forecasting; Flood control and flood forecast systems; Acid mine drainage abatement passive treatment; Drinking water assessments (SWAP); GIS; River Flow Modeling and Time of Travel Studies; Source water protection; Groundwater; Water supply planning

LIVING RESOURCES AND WATER QUALITY - Water quality issues addressed by Commission staff include supporting highly complex studies and project developments that reap benefits both for the Potomac basin and for the Chesapeake Bay drainage. Commission participation as a partner in the bay recovery aims at restoring living resources, striving to improve productivity of the ecosystem, and ensuring its vitality as a place to live, work, and recreate.

Carlton Haywood, Director of Program Operations: BS - Geology and Environmental Science, Graduate work in Physical Geography
James Cummins, Director of Living Resources: BS, MS - Biology
Claire Buchanan, Associate Director of Aquatic Habitats: BA - Environmental Studies, MS, Ph.D. - Zoology
Ross Mandel, Associate Director for Watershed Analysis: BA - Philosophy, MS - Civil and Environmental Engineering, Ph.D. - Philosphy
Jackie Johnson, Living Resources Data Manager/Analyst: BA - Zoology, MS - Chemical Oceanography
Tami Huber, Water Quality Data Manager: BS - Biology
Jan Ducnuigeen, Ecological Support Specialist: BS - Biology
LeAnne Astin, Aquatic Ecologist: BS - Biology, MS - Environmental Science & Public Policy
Andrea Nagel, Environmental Scientist: BS Zoology, MS - Environmental Engineering
Adam Griggs, Watershed Coordinator: BS - Biology, MS - Environmental Biology
Sunghee Kim, Environmental Scientist: BS -Chemistry, Environmental Science, MS - Physical Chemistry, Water Resources Engineering

Stream assessments - biological and ecological; Water quality modeling; GIS based data comparisons; Zooplankton and phytoplankton assessments; Sediment transport modeling; Aquatic habitat assessments/development; Fisheries management; Hazardous material (RCRA) assessments; Total maximum daily loads (TMDLs) - Interstate and cross boundary waters; Wetlands assessment and restoration

COMMUNICATIONS AND ADMINISTRATION - The agency's technical expertise is magnified by a communications program that extends the impacts and results of these and other projects to the region's public. Work in protecting and improving the region's resources can be effective only when the public is educated about the reasons for those actions, and their role in the preservation of those resources.

Joseph Hoffman, Executive Director: BS -Civil Engineering, P.E.
Curtis Dalpra, Communications Manager: BS - Journalism, Graduate work in Biology
Jennifer Dotson, Communications Specialist: BS - Forestry & Wildlife, MS - Geographic & Cartographic Sciences, ISA Certified Arborist
Bo Park, Administrative Officer: BS - Biology, MS - Financial Administration
Wendy Wang, Accountant: BS - Business Administration
Pat Beno, Receptionist/Secretary
Sherry Zandieh, Administrative Assistant: BS - Chemistry

Public and stakeholder facilitation; Data management; Project coordination/management; Multi-state water projects; Non-regulatory resource protection and management

Created with an interstate compact by an Act of Congress in 1940, the Interstate Commission on the Potomac River Basin (ICPRB) is composed of commissioners representing the federal government, the states of Maryland, Pennsylvania, Virginia, West Virginia, and the District of Columbia. The ICPRB mission is to enhance, protect, and conserve the water and associated land resources of the Potomac River basin and its tributaries through regional and interstate cooperation.

ICPRB accomplishes this mission through a variety of actions to conduct, coordinate, and cooperate in studies and programs in the areas of water quality, water supply, living resources, and land resources. The Section for Cooperative Water Supply Operations on the Potomac River (CO-OP), a special section of the Commission, was created as a technical operations center for management and coordination among the regional water utilities to avoid water supply shortages in Metropolitan Washington during droughts.

For additional information contact the Interstate Commission on the Potomac River Basin at 301-984-1908, or visit our website at http://www.potomacriver.org

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