

Mid Atlantic

Regional Chief Scientist John Karish reports availability of four new Regional Research Program reports. "Population and Behavioral Ecology of White-tailed Deer in Shenandoah NP" by J.J. Scanlon, and M.R. Baughan (MAR-22); "Biological Survey of the New River Gorge National River. Summary of Findings" by various investigators from Virginia Polytech Institute (MAR-23); "Analysis of Community Response to Federal Presence in the Upper Delaware River Valley" by M. Carroll, B. Twight, and M. McCabe (MAR-24); and "Analysis of Community Response to Federal Presence in the New River Gorge" by M. Carroll, and B. Twight.

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Resource Management Specialist Dave Reynolds, New River Gorge National River, reports completion of a Draft River Management Plan. The Limits of Acceptable Change (LAC) planning process (see *Park Science* article, Fall, 1985) was used to develop the Plan, which involved public meetings and a 45-member Citizens Task Force for development of prescriptive management objectives. Dave also reports the availability of a study that examines different New River flow requirements for recreational and biological resources. Research findings are presented in "New River Gorge Flow Analysis" by Marshall Flug. Copies of the report are available from the author, Water Resources Division, Fort Collins, CO.

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Resource Management Specialist Dave Haskell, Shenandoah NP reports that Resource Management and Maintenance staff are working together to diminish impacts to a sensitive mountaintop wetland at Big

Meadows. A water supply well was developed on the edge of the wetland nearly 20 years ago. Recent studies have shown that pumping from the well has been lowering the water table and impacting rare wetland flora. Development of an alternate supply well is in progress.

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Resource Management Specialist Bruce Rodgers, Assateague Island NS, reports initiation of a water quality monitoring program for Chincoteague and Sinepuxent Bays. Thirteen water quality parameters are being monitored at each of 9 stations in the bays, which lie between Assateague Island and the mainland. A Hydro-lab Surveyor II is being used for field measurements of 5 parameters including salinity, DO, and pH. Analysis of other parameters is being handled by local laboratories.

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Regional Scientist Jeff Marion is coordinating a two-part Regional training course on the development of natural resources monitoring programs and microcomputer data base management. The course will focus on monitoring program efficiency, documentation, measurement consistency, and data base management skills using dBASE III.