

ORGANIZATIONAL EFFECTIVENESS

INFORMATION TECHNOLOGY

Catoctin Mountain Park will utilize current management practices, systems and technologies to accomplish its mission.

Hardware

Catoctin currently has over 30 computer work stations across the park. All of the offices on the east side of the park have been successfully networked using Ethernet extenders and are connected to DOINET. Users at Round Meadow are networked but share a commercial cable modem connection for Internet service. They currently have to log into a VPN (Virtual Private Network) to access NPS Intranet sites. If updates are needed, the Computers on the NPS domain can be updated remotely by regional or WASO IT staff. Staff must go from computer to computer at the Round Meadow offices to ensure all Computers are up-to-date, patched, and secure. We hope to get a T1 connection to DOINET along with a Domain Controller and File Server to not only ensure the security of the systems, but also to improve productivity by allowing all users access to intranet sites.

There are challenges with the computers on the west side due to some computers not having a CD drive or USB port and no access to the shared drive of the main server in the park. A T-1 line is needed to connect Round Meadows to Headquarters but the costs remains prohibitive at this time. Catoctin must purchase multiple smart card readers to ensure compliance with the upcoming security standards as specified in Homeland Security Presidential Directive -12.

Increasing IT systems, security issues, LAN expansion, hardware complexity, troubleshooting calls, etc., requires additional staffing be dedicated to this program area. This workload is currently being juggled by the Human Resources Specialist along with the normal Human Resource workload. An IT Specialist position could be shared with another nearby park unit and the four park telephone and radio systems could also become part of the workload.

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Databases

The number of Regional and National databases which Catoctin must maintain is rising rapidly and represent a significant amount of unfunded staff time.

DATABASES	DIVISIONS					TOTAL FTE
	Mgt.	Adm.	Maint.	Res. Mgt.	Vis. Prot. & Res. Ed.	
ANCS					.03	.03
CMS					.01	.01
FAS	.01	.04	.01		.01	.08
FMSS	.01	.01	1.25			1.27
GIS	.01			.10		.11
GPRA/PMDS	.01	.01	.05	.03	.05	.12
IAR/RPRS	.01			.02		.04
I&M/NPSp				.02		.02
IPM				.01		.01
IRS					.20	.20
NR				.01		.01
OFS	.02	.02	.01	.01	.04	.10
PEPC	.01			.05		.11
PMIS	.10	.01	.10	.02	.05	.28
QMIS		.02				.02
ROSS					.03	.03
SMIS	.01	.02	.10		.03	.16
VIP					.03	.03
TOTAL FTE	.20	.13	1.52	.27	.47	2.63

DATABASE GLOSSARY

ANCS	Automated National Cataloging System	NR	Natural Resources Challenge
CMS	Content Management System	OFS	Operation Formulation System
FAS	Fixed Assets System	PEPC	Planning, Environmental and Public Comment
FMSS	Facility Management Software System	PMIS	Project Management Information System
GIS	Geographic Information System	QMIS	Quarters Management Information System
GPRA/ PMDS	Government Performance and Results Act/ Performance Management Data System	ROSS	Resource Ordering Software System
IAR/RPRS	Interagency Automated Research/ Research Permit and Reporting System	SMIS	Safety Management
IPM	Integrated Pest Management	VIP	Volunteer In Parks Coordination
IRS	Incident Reporting System	FTE	Full Time Equivalent (260days/2080 hours/year)