## NPS Research Opportunities and Key Conservation Issues

submitted by Gina Rochefort for the PNW CESU annual meeting 11/10/04

\*Contact for each issue is Regina Rochefort, NPS Science Advisor regina\_rochefort@nps.gov unless otherwise noted.

Issue	Contact*
• Habitat loss and landscape fragmentation	
• Invasive species	
• Global Change	
Changing fire regimes	
• Unsustainable use of park resources	
• National parks and the emerging publics of the 21st century	Darryll Johnson Research Coordinator National Park Service darryllj@u.washington.edu
• Insufficient knowledge of past and contemporary human interactions with park environments	Fred York Regional Anthropologist National Park Service <u>fred_york@nps.gov</u> David Louter History Program Lead National Park Service <u>David_Louter@nps.gov</u>

• Park visitor capacity	Rochefort, Regina M. Science Advisor National Park Service regina_rochefort@nps.gov
• 2008 Removal of Elwha and Glines Dams in Olympic	Darryll Johnson Research Coordinator National Park Service darryllj@u.washington.edu Jerry Freilich Research & Monitoring Coordinator Olympic National Park Jerry_Freilich@nps.gov Brad Winter Elwha Dam Removal Coordinator Brian_winter@nps.gov
• Fisheries	Bhan_winter@nps.gov
• Marine derived nutrients	
• Linkages between terrestrial and riparian processes	
• Bats in ecosystems: monitoring methods, status in our ecosystems	
• Fisher Reintroduction	
<ul> <li>Spotted Owls: barred owls, regional status</li> <li>Grey squirrels</li> </ul>	

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Forest carnivores	
• Global Warming: vegetation change, high-elevation wildlife (pikas, Ptarmigan, heather voles)	
• Pollution – deposition	
• Pollinators	
• Introduced species & control	
Recreational Impacts	
• Visitor conflicts with wildlife – coyotes	
• Development of monitoring protocols	
• Restoration of native prairies	
Roadside restoration	
• Riparian restoration	
• Recreational impacts – interface between natural & social indicators	