How Deschutes National Forest Empowers Visitors Through Applications!

2015 Esri International User Conference
July 20-24 | San Diego, California

Leo Chan and Zahid Chaudhry
Data Resource Management
USDA Forest Service, Pacific Northwest Region
Presently

The Web GIS Revolution is radically altering how information about the world around us is applied and shared.
Deschutes National Forest

- 1.6 Million Acres (Bigger than Delaware)
- 181,300 Acres of Wilderness
- 19,289 Acres of Lakes
- 316 Recreation Areas
- 62 Trailheads
Deschutes National Forest
Education

- Opportunity to enjoy the outdoors
- Respect the land, nature, and wildlife

Volcanic Wonders Application

Volcanic Wonders...Yours to Discover
Explore the Wonders of the Newberry National Volcanic Monument by taking a self-guided excursion.

- Lava Butte
- Lava River Cave
- Lava Cast Forest
- Paulina Falls
- Paulina Peak
- Big Obsidian Flow
- Newberry Caldera

The summit of Paulina Peak with an elevation of 7,984 feet, is the highest point on Newberry Volcano. This site offers a grand overview of the Newberry Caldera, numerous cinder cones on the flanks of Newberry, the Cascade Range, Fort Rock Basin and much of Central Oregon. Learn more about Paulina Peak.
Volcanic Wonders Application
Accessibility

• The Forest Service is committed!
• Videos
Portable Kiosk

- iPad at Visitor Centers
- Responsive Web Design
Future Plans

• Integrate Social Media
• Alerts and Warnings
• Native Applications
• More...
Take Away…

• Improving Visitor Experience by Disrupting What is Normal
  • Education
  • Diversity
  • Accessibility
  • Modern Kiosk

Contact me at lchan@fs.fed.us for more info