

## **Project Summary**

### **Rocky Mountains Cooperative Ecosystem Studies Unit**

**Project Title:** Create Old Faithful Mobile App

**Discipline:** Interdisciplinary  
**Type of Project:** Technical Assistance/Education  
**Funding Agency:** National Park Service  
**Partner/Cooperator:** Washington State University, Vancouver  
**Effective Dates:** 3/15/2014-3/31/2015  
**Funding Amount:** \$41,125

**Investigator and Agency Representatives:**

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**Project Abstract: Phase One (funded by this agreement)** Develop an app that communicates scheduled eruption times for Old Faithful, Castle, Grand, Daisy, Riverside, and Great Fountain geysers. Components of the app will include:

- On/off alarm feature alerting the user to the next eruption window.
- Feature that includes a photo frame (like the NAMA app) that allows visitors to take a picture of themselves or others next to Old Faithful so they can email or post to social media.
- Feature that allows for live streaming of Old Faithful Geyser through the app via the Old Faithful streaming webcam.
- Build evaluation metrics for usage.

**Outcomes with Completion Dates:**

**Due July 1, 2014:** send app to Yellowstone technical expert for evaluation

**Due December 31, 2014:** Completion report sent to RM-CESU for posting on the web.

**Keywords:** Washington State University, Yellowstone National Park, Old Faithful, mobile app