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# Effect of vegetation height, percent green growth, and fuel load on fire temperatures of prescribed rangeland burns

*A Data Management Plan created using DMPTool*

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Template: Joint Fire Science Program (JFSP)

Last modified: 11-10-2014

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## **Project Data Management: Data Types**

Field sample collections of vegetation height and percent coverage. Fuel load biomass clippings. Running a multiple linear regression to evaluate if there is a relationship between my independent variables of vegetation height, percent coverage of green vegetation, and fuel load.

## **Project Data Management: Quality Assurance**

All measurements will be recorded using paper and pen then transferred to an electronic format on Excel. Data points will be proof read after transcription to ensure no errors were made by both the transcriber and a peer. Hard copies of the data, both the original and Excel copies will be made and stored in principal investigators office.

## **Project Data Management: Data Access**

Data will be publicly available, but the editing rights will be granted only to the PI

## **Project Data Management: Storage and Backup**

The data will be physically stored in the office of the PI. Electronic copies will be saved on a University computer with back up copies stored in two separate folders. The data will also be stored on a portable flash drive and an online storage bank only accessible by the PI. Backups will be made each time an edit has been made to the data. The PI is responsible for the storage and backup of the project data.

## **Long-Term Data Management: Metadata**

I will use the FGDC 2.0 and Biological Data Profile standards. Metadata will be created using Metavist and be saved as an XML document.

## **Long-Term Data Management: Data Repository**

Forest Service Research Data Archive

## **Long-Term Data Management: Data Access**

Data will become available to the public upon completion of the Joint Fire Science Program requirements.