

Great Western Woodland Supersite

Affiliated projects summary

Date: 13/6/2013
Project title: Forrestania Fire Mosaic project
Abstract: Understanding fire behaviour and vegetation flammability is important for predicting the consequences of fires, both for biodiversity conservation and protection of human lives and assets. Visual assessments of fuel, such as those developed in Project Vesta for dry eucalypt forests, have been widely applied to facilitate rapid data acquisition to support fire behaviour models. However, the potential wider application to other plant communities of Vesta visual fuel assessments has received limited attention. We conducted visual fuel assessments and detailed quantitative structural measurements in <i>Eucalyptus salubris</i> (gimlet) woodlands in the world's largest extant mediterranean-climate woodland. Expected project timeframe: Feb 2012-Feb2014
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Funding sources: A biodiversity and cultural conservation strategy for the Great Western Woodlands, Western Australian Department of Environment and Conservation
Datasets being used or collected: Visual flammable fuel assessments and vital attributes of fire-interval sensitive flora.
Geographic coverage of study: Forrestania-Parker Range
Publications: Gosper, C.R., Yates, C.J., Prober, S.M., and Wiehl, G. (in review) Application and validation of visual fuel hazard assessments in dry mediterranean-climate woodlands.