



Wayne Meyer, Georgia Koerber; University of Adelaide, South Australia, Peter Cale and staff from Australian Landscape Trust at Calperum, 2010 to current

# Recovery since the Bushfire in January 2014

Repairs to the tower and regrowth of the mallee and Understorey



































#### Comparison with OzFlux processing



y-intercept of heterotrophic soil respiration in a similar approach to root biomass by Yackov Kuzyakov (2006), Koerber et al. (2010) THE UNIVERSITY DELAIDE **Ecosystem respiration versus Leaf Area Index** 3 Prefire y = 1.4671x + 0.5662Ecosystem Respiration, μmol m<sup>-2</sup> s<sup>-1</sup> Afterfire  $r^2 = 0.4912$ **Ceptometer** 2 1 0 0.1 0.2 0.3 0.5 0.6 0.7 0.9 0.0 0.4 0.8 1.0

Leaf Area Index

### Groundtruthing

We are busy measuring soil respiration, biomass, leaf area index for determination of the basal soil respiration (Rh) and net primary production (NPP).

Thankyou

