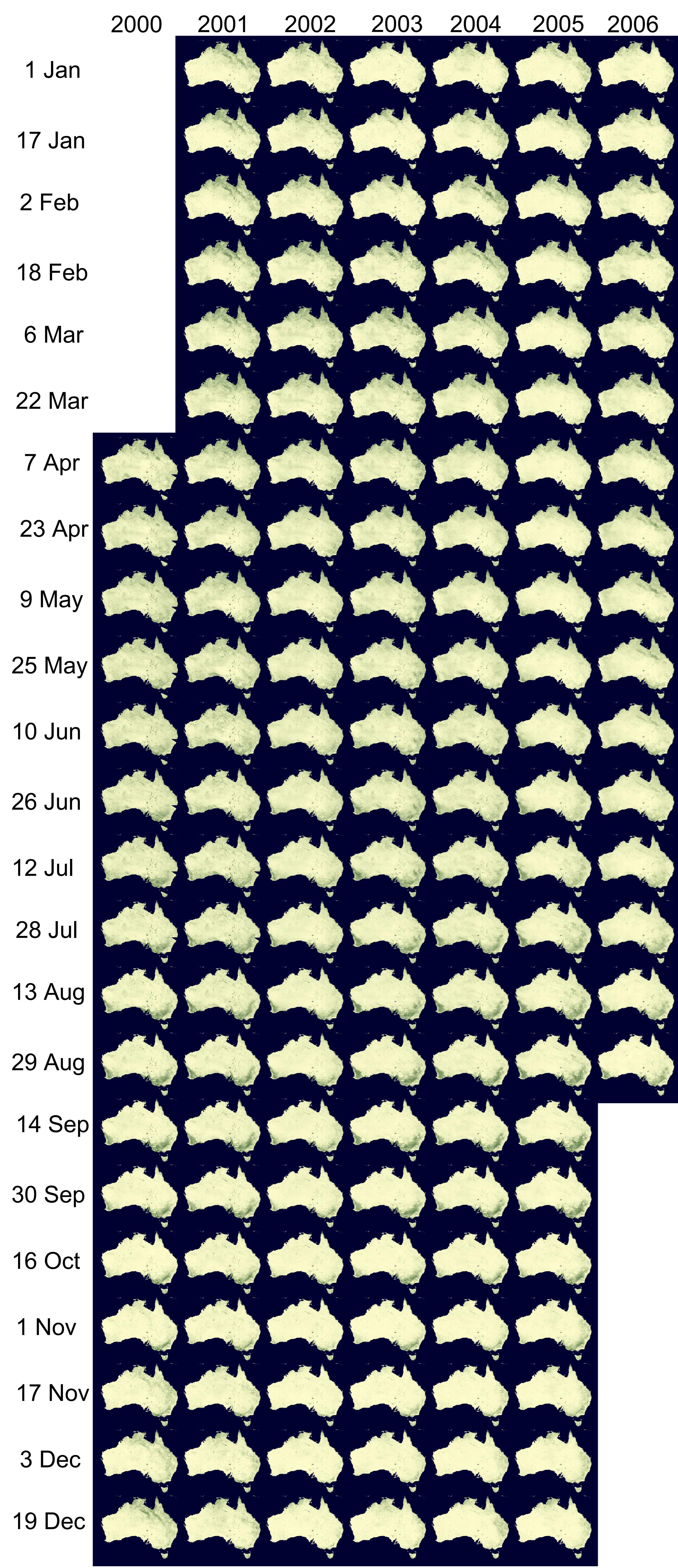
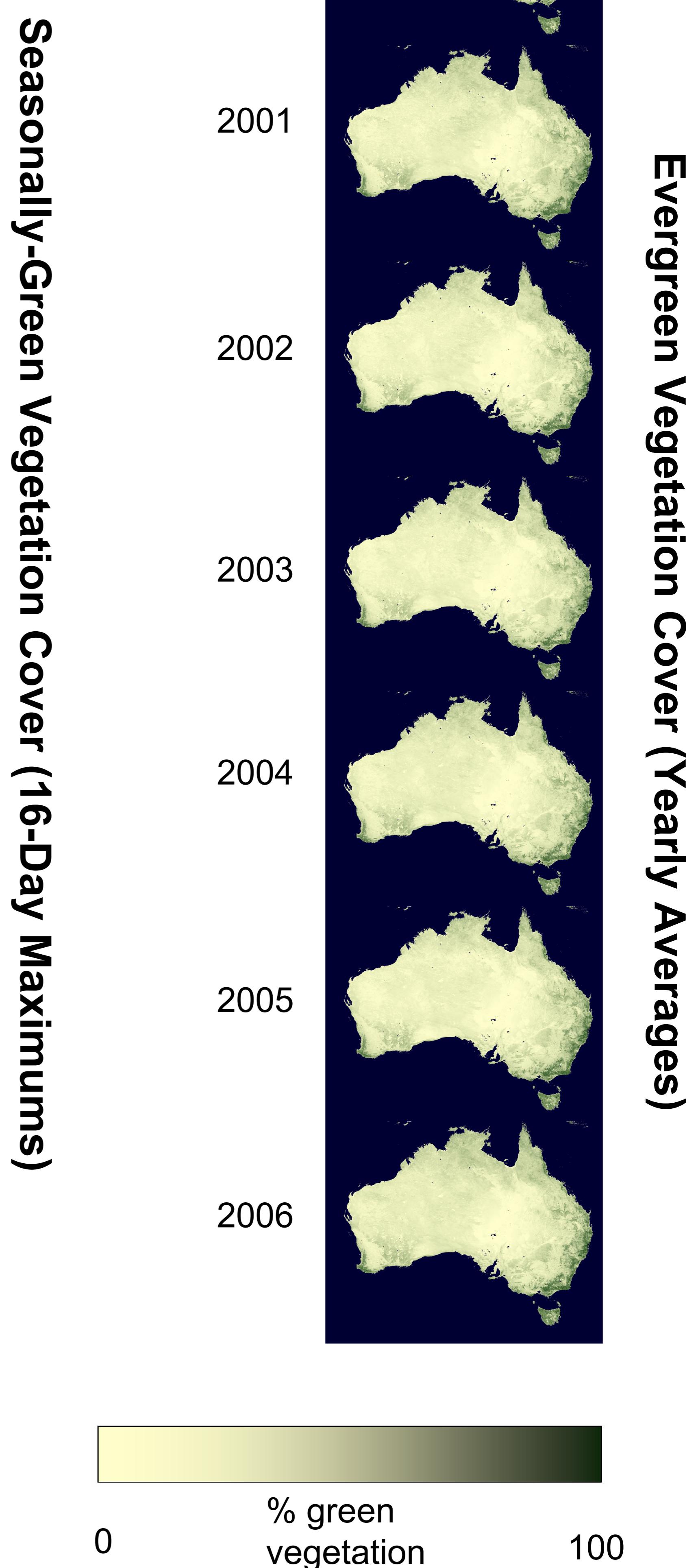


Seasonal and Evergreen Vegetation Cover Estimates for Australia 2000 – 2006

Tony Gill*, Stuart Phinn*, Bernard Pailthorpe***



The MODIS satellite sensor provides complete global coverage of Earth on a daily basis. Time series analysis of the MODIS imagery can be used to separate Australia's vegetation into evergreen (mainly tree) (below) and seasonally-green (mainly grass) (left) components. The resultant vegetation cover maps provide a powerful tool for analysing the impact of human driven landuse change, climate variation and natural disasters on the landscape.



Acknowledgements: Funding: Australian Postgraduate award and CSIRO Exploration and Mining. Satellite and Field Data: The Statewide Landcover and Trees Study of the Queensland Department of Natural Resources and Mines. Computing infrastructure: Queensland Cyber Infrastructure Foundation. MODIS Imagery: Goddard Distributed Active Archive Centre. Significant assistance was also provided by John Armston**.