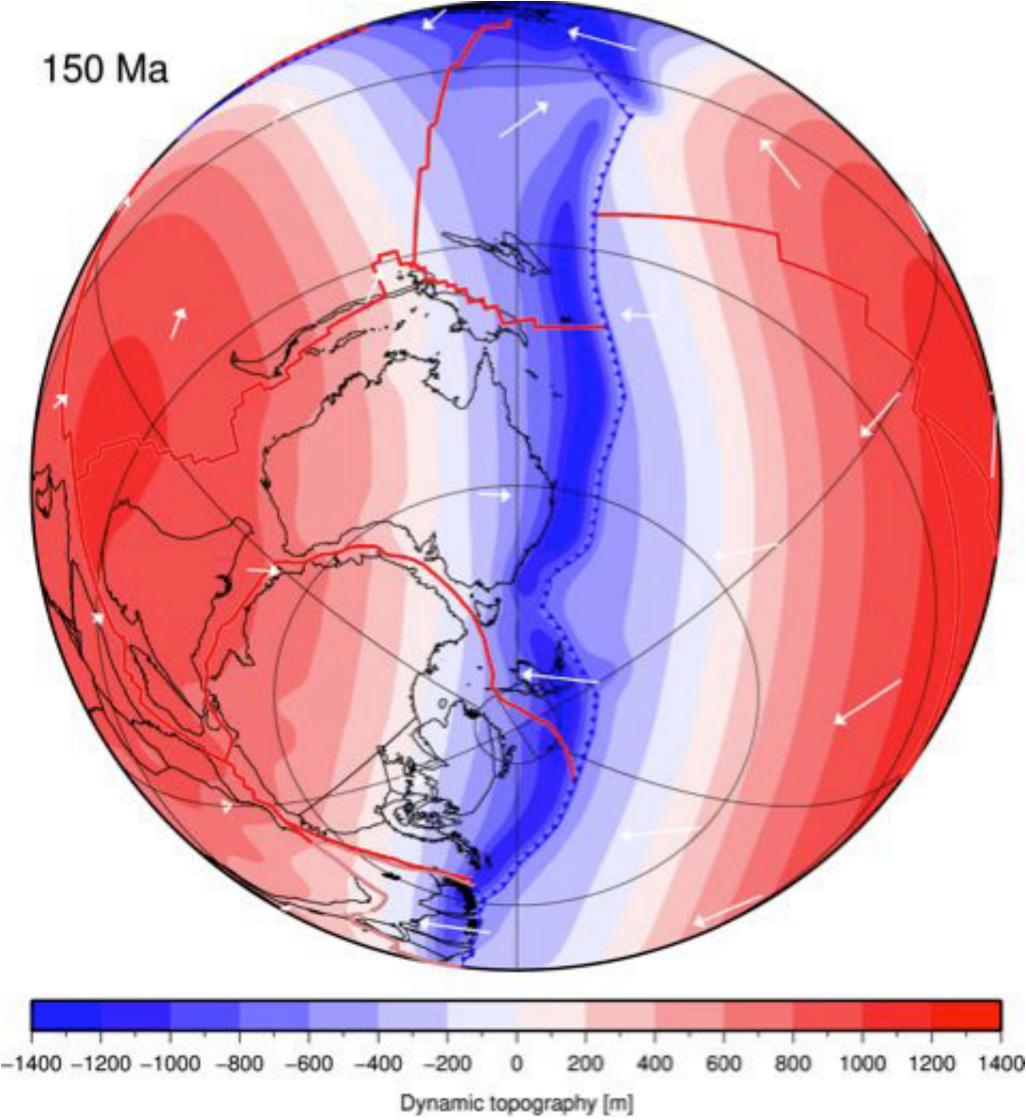
120-80 Ma: dynamic uplift of 400-600 m driven by eastward motion of eastern Australia's margin away from the sinking eastern Gondwana slab

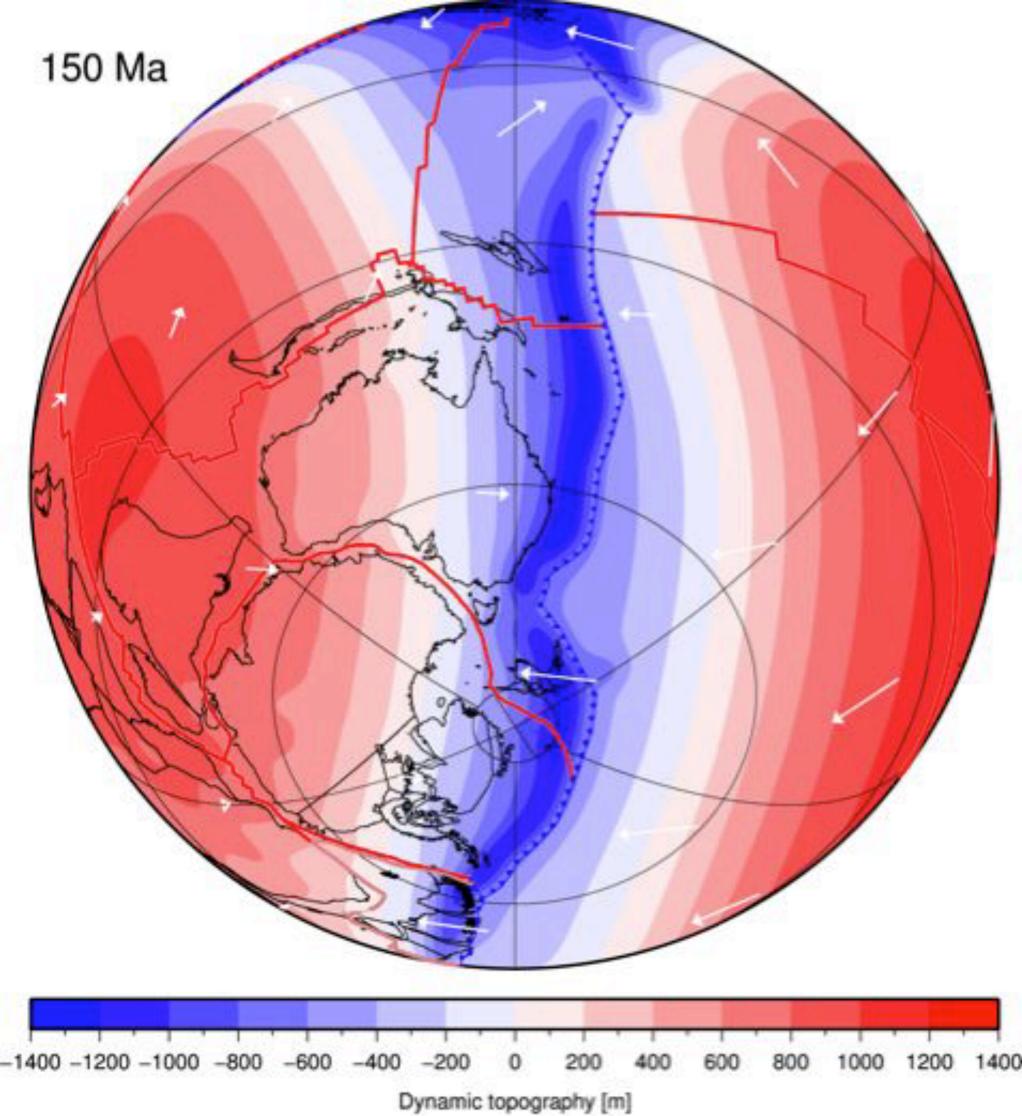
- ~60 Ma: tectonic quiescence in the south
- 40-0 Ma: renewed uplift of ~700 m in the Snowy Mountains induced by gradual motion of the margin over the edge of the large southwest Pacific superswell

 What effects have these processes on landscape evolution? Muller et al. 2016



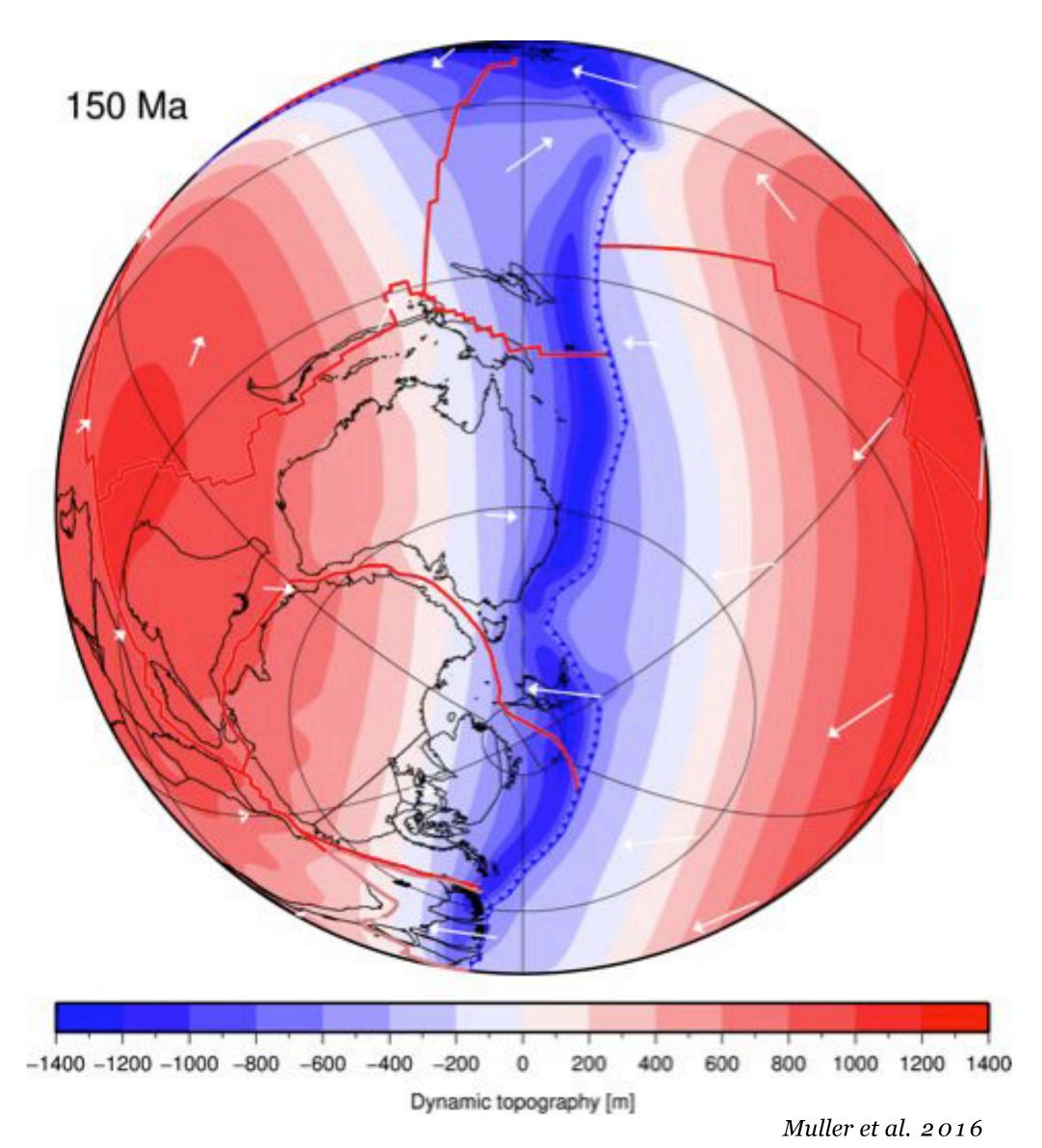
#### Uplift history spanning over 100 million years

## Formation of Australian continental margin highlands



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#### Uplift history spanning over 100 million years



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# Our Experimental Virtual Earth with SPM

