

Supplementary Material

Deforestation in Australia: drivers, trends and policy responses

Megan C. Evans

The Australian National University, Fenner School of Environment and Society, Canberra, ACT 0200, Australia. Email: megan.evans@anu.edu.au

Forest extent and change spatial data were derived from Landsat MSS, TM & ETM+ satellite imagery (Australian Department of the Environment, 2015) from 23 epochs as described in the table below. Annual values from 1972 to 2004 were derived by averaging the deforestation estimate from an epoch over the number of years between it and the following epoch, as per advice from the Australian Department of the Environment (S Reddy, pers. comm.).

Note that due to change in sensor from Landsat MSS and Landsat TM in 1988/89, satellite imagery was taken earlier than usual in 1988 and 1991, and later than usual in 1989 – hence this data had to be proportionally assigned to years 1990, 1991 and 1992. Further details are provided in Furby (2002).

Epoch	Time between epochs (yrs)	Assigned to years:
1972	5	1972, 1973, 1974, 1975, 1976
1977	3	1977, 1978, 1979
1980	5	1980, 1981, 1982, 1983, 1984
1985	3	1985, 1986, 1987
1988 (early)	2	1988, 1989
1989 (end)	1	1990, 1991 (3 months)
1991 (early)	2	1991 (3 months), 1992 (3 months)
1992	3	1992 (9 months), 1993, 1994
1995	3	1995, 1996, 1997
1998	2	1998, 1999
2000	2	2000, 2001
2002	2	2002, 2003
2004	1	2004
2005	1	2005
2006	1	2006
2007	1	2007
2008	1	2008
2009	1	2009
2010	1	2010
2011	1	2011
2012	1	2012
2013	1	2013
2014	1	2014

Literature cited

- Australian Department of the Environment, 2015. Human Induced Forest Extent & Change (version 11). Canberra.
- Furby, S., 2002. Land cover change : specifications for remote sensing analysis. National Carbon Accounting System Technical Report No. 9. Commonwealth of Australia.