

Methodology	Reference	Global uptake by soils (Tg CH <sub>4</sub> yr <sup>-1</sup> )
Observation	Dörr et al. (1993)	28.7
Observation	Smith et al. (2000)	29
Observation	Dutaur and Verchot (2007)	36 ± 23
Atmospheric inversions	Hein et al. (1997)	30 ± 15
Model (P96)	Potter et al. (1996)	20 ± 3
Model (R99)	Ridgwell et al. (1999)	38.1 ± 1.1
Model	Spahni et al. (2011)	38.9
Model (C07)	Curry (2007)	29.3 ± 0.6
Model	Zhuang et al. (2013)	34 ± 2
Model (MeMo)	This study	33.5 ± 0.6