

Supplement

Table S1: List of reviewed articles and the respective method used to calculate SOC stocks.

ID	Reference	Method
1	Adame et al., 2015	M1
2	Babu et al., 2012	M1
3	Barancikova et al., 2010	M1
4	Batlle-Bayer et al., 2010	M1
5	Benbi et al., 2015	M1
6	Boyx-Fayos et al., 2009	M1
7	Cambule et al., 2014	M1
8	Cardinael et al., 2015	M1
9	Carvalho et al., 2010	M1
10	Cierjacks et al., 2010	M1
11	Cook et al., 2016	M1
12	Denef et al., 2008	M1
13	Dielemann et al., 2013	M1
14	Dos Santos et al., 2016	M1
15	Frogbrook et al., 2009	M1
16	Galdos et al., 2009	M1
17	Gauder et al., 2016	M1
18	Gelaw et al., 2014	M1
19	Goodrick et al., 2015	M1
20	Guan et al., 2015	M1
21	Hernanz et al., 2002	M1
22	Kalinina et al., 2015	M1
23	Lee et al., 2009	M1
24	Li et al., 2010	M1
25	Lopez-Fando and Pardo, 2011	M1
26	Lunstrum and Chen, 2014	M1
27	Maia et al., 2010	M1
28	Manojlovic et al., 2011	M1
29	Marques et al., 2016	M1
30	Martinez-Mena et al., 2008	M1
31	Mestdagh et al., 2004	M1
32	Miranda et al., 2016	M1
33	Neill et al., 1997	M1
34	Neto et al., 2010	M1
35	Olson and Al-Kaisi, 2015	M1
36	Padmanabhan et al., 2013	M1
37	Page et al., 2014	M1
38	Qiao et al., 2015	M1
39	Ratnayake et al., 2014	M1
40	Sausen et al., 2014	M1
41	Schulp et al., 2008	M1

42	Sharma et al., 2014	M1
43	Shi and Han, 2014	M1
44	Srinivasarao et al., 2009	M1
45	Strey et al., 2016	M1
46	Sun et al., 2004	M1
47	Tue et al., 2014	M1
48	Toriyama et al., 2011	M1
49	Usuga et al., 2010	M1
50	Venkanna et al., 2014	M1
51	Zhiyanski et al., 2016	M1
52	Zinn et al., 2005	M1
53	Don et al., 2007	M2
54	Heim et al., 2009	M2
55	Henker et al., 2016	M2
56	Prietzl and Christophel, 2014	M2
57	Wellock et al., 2011	M2
58	Baritz et al., 2010	M3
59	Chiti et al., 2012	M3
60	Christiansen et al., 2012	M3
61	Demessie et al., 2013	M3
62	Dinca et al., 2015	M3
63	Dörfer et al., 2013	M3
64	Fonseca et al., 2012	M3
65	Gonzalez Gonzalez et al., 2012	M3
66	Hewitt et al., 2012	M3
67	Hoffmann et al., 2014	M3
68	Kucuker et al., 2015	M3
69	Kunkel et al., 2011	M3
70	Li et al., 2015	M3
71	Lo Seen et al., 2010	M3
72	Madeira et al., 2002	M3
73	Matsuura et al., 2012	M3
74	Morisada et al., 2004	M3
75	Olsson et al., 2009	M3
76	Parras-Alcantara et al., 2015	M3
77	Perrouchaud et al., 2000	M3
78	Phachomphon et al., 2010	M3
79	Kollia et al., 2009	M3
80	Martin et al., 2016	M3
81	Schrumpf et al., 2011	M3
82	Tan et al., 2014	M3
83	Tashi et al., 2016	M3
84	Tsui et al., 2013	M3
85	Umrith et al., 2014	M3
86	Wang et al., 2013a	M3
87	Wang et al., 2013b	M3
88	Wang et al., 2016	M3

89	Wasige et al., 2014	M3
90	Wiesmeier et al., 2012	M3
91	Xie et al., 2007	M3
92	Yimer et al., 2006	M3
93	Zhao et al., 2015	M3
94	Barcena et al., 2014	M4
95	De Vos et al., 2015	M4
96	Gasparini and Di Cosmo, 2015	M4
97	Grüneberg et al., 2014	M4
98	Rytter, 2012	M4
99	Schulz et al., 2016	M4
100	Vesterdal et al., 2008	M4

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