

Table1. The distribution and CAR of salt marshes from the literature.

Site a	Latitude (°)	Longitude (°)	CAR (g C m ⁻² yr ⁻¹)	Dominant halophyte species/genera	SAR (cm yr ⁻¹)	Method for SAR estimation ^a	MAT (° C) ^b	Tidal range ^c	Reference
Tropical W. Atlantic	N	W							
Aransas, Texas	28.4	96.8	178.0	<i>Spartina alterniflora</i>	0.45	R	21.2	micro-tidal	Callaway et al. (1997)
Fina la-Terre, Louisiana	29	91	136.0	nd	0.50	M	20.0	micro-tidal	Cahoon (1994)
Fina la-Terre, Louisiana	29	91	18.0	nd	0.10	M	20.0	micro-tidal	
San Bernard, Texas	29.1	95.6	203.0	<i>Spartina alterniflora</i>	0.62	R	20.9	micro-tidal	Callaway et al. (1997)
Old Oyster Bayou, Louisiana	29.3	91.1	84.0	nd	0.44	nd	20.0	micro-tidal	Chmura et al. (2003)
Bayou Chitigue, Louisiana	29.3	90.6	516.0	nd	3.23	nd	20.4	micro-tidal	
Rockefeller Refuge, Louisiana	29.5	92.7	309.0	nd	1.10	M	20.2	micro-tidal	Cahoon (1994)
Rockefeller Refuge, Louisiana	29.5	92.7	27.0	nd	0.08	M	20.2	micro-tidal	
Lafourche Parish, Louisiana	29.5	90.3	186.0	nd	0.98	M	20.4	micro-tidal	Cahoon and Turner (1989)
Cameron Parish, Louisiana	29.5	93.2	41.0	nd	0.41	nd	20.3	micro-tidal	
Cameron Parish, Louisiana	29.5	93.2	115.0	nd	1.15	nd	20.3	micro-tidal	
Barataria Basin, Louisiana	29.5	90	185.0	nd	1.42	R	20.4	micro-tidal	

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Barataria Basin, Louisiana	29.5	90	71.0	nd	0.59	R	20.4	micro-tidal	Chmura et al. (2003)
Barataria Basin, Louisiana	29.5	90	93.0	nd	0.78	R	20.4	micro-tidal	
Unit 1, Marsh Island Refuge, Louisiana	29.5	91.9	318.0	nd	0.29	R	20.2	micro-tidal	Bryant and Chabreck (1998)
Unit 1, Marsh Island Refuge, Louisiana	29.5	91.9	763.0	nd	0.70	R	20.2	micro-tidal	
Three Bayous, Louisiana	29.6	90.1	116.0	nd	0.83	nd	20.2	micro-tidal	Chmura et al. (2003)
Unit15, Rockefeller Wildlife Refuge, Louisiana	29.6	92.7	349.0	nd	0.29	R	20.2	micro-tidal	Bryant and Chabreck (1998)
Unit15, Rockefeller Wildlife Refuge, Louisiana	29.6	92.7	657.0	nd	0.55	R	20.2	micro-tidal	
Rockefeller Wildlife Refuge unit 14, Louisiana	29.7	92.7	337.0	nd	0.29	R	20.2	micro-tidal	Bryant and Chabreck (1998)
Rockefeller Wildlife Refuge unit 14, Louisiana	29.7	92.7	448.0	nd	0.48	R	20.2	micro-tidal	
McFaddin National Wildlife Refuge, Texas	29.7	94.1	95.0	nd	0.79	R	20.4	micro-tidal	Chmura et al. (2003)

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Sabine National Wildlife Refuge Unit 3, Louisiana	29.9	93.5	1713.0	nd	0.90	R	20.3	micro-tidal	Bryant and Chabreck (1998)
St. Bernard Parish, Louisiana	30	89.9	140.0	<i>Spartina patens</i>	0.50	R	19.1	micro-tidal	Markewich (1998)
Sabine National Wildlife Refuge Unit 3, Louisiana	29.9	93.5	714.0	nd	0.59	R	20.3	micro-tidal	Bryant and Chabreck (1998)
Biloxi Bay, Mississippi	30.4	88.9	153.0	<i>Spartina alterniflora</i>	0.57	R	19.7	micro-tidal	Callaway et al. (1997)
Ogeechee River, Georgia Coast	31.3	81.7	28.2	<i>Spartina alterniflora</i>	0.24	R	20.0	meso-tidal	Loomis and Craft (2010)
Altamaha River, Georgia Coast	31.4	81.4	22.4	<i>Spartina alterniflora</i>	0.22	R	20.0	meso-tidal	
Satilla River, Georgia Coast	31.9	81.2	25.9	<i>Spartina alterniflora</i>	0.18	R	20.0	meso-tidal	
N. Europe	N	E							
St. Annaland, Netherlands	51.5	4.1	277.0	<i>Spartina anglica</i>	0.68	R	10.8	micro-tidal	Callaway et al. (1996)
St. Annaland, Netherlands	51.5	4.1	139.0	<i>Halimone portulacoides</i>	0.34	R	10.8	micro-tidal	
Rattekaai, Netherlands	51.5	4.1	400	<i>Spartina anglica</i>	1.41	R	10.8	micro-tidal	Oenema and

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									Delaune (1988)
Scheldt, Netherlands	51.5	4.1	587.0	<i>Spartina anglica</i>	2.02	R	10.8	micro-tidal	Oenema and Delaune (1988)
Scheldt, Netherlands	51.5	4.1	650.0	<i>Spartina anglica</i>	3.25	R	10.8	micro-tidal	
Dengie Marsh, UK	51.7	0.9	187.0	<i>Halimione portulacoides</i>	0.46	R	10.1	micro-tidal	Callaway et al. (1996)
Dengie Marsh, UK	51.7	0.9	139.0	<i>Halimione portulacoides</i>	0.34	R	10.1	micro-tidal	
Dengie Marsh, UK	51.7	0.9	159.0	<i>Halimione portulacoides</i>	0.39	R	10.1	micro-tidal	
Dengie Marsh, UK	51.7	0.9	110.0	<i>Halimione portulacoides</i>	0.27	R	10.1	micro-tidal	
Stiffkey Marsh, UK	52.9	0.9	175.6	<i>Spartina anglica</i>	0.39	R	9.7	meso-tidal	Callaway et al. (1996)
Stiffkey Marsh, UK	52.9	0.9	167.3	<i>Armeria maritima</i>	0.27	R	9.7	meso-tidal	
Hut marsh, UK	53	0.7	165.0	<i>nd</i>	0.61	M	9.7	meso-tidal	French and Spencer (1993)
Hut marsh, UK	53	0.7	77.0	<i>nd</i>	0.28	M	9.7	meso-tidal	
The peninsula Skallingen, the Wadden Sea, Denmark	55.5	8.3	1085.0	<i>Halimione portulacoides</i>	0.19	R	9.2	micro-tidal	Andersen et al. (2011)
The German Wadden Sea, the North Sea, Germany	54.8	8.3	1386.0	<i>Juncus, Atriplex, Spartina</i>	0.21	R	8.5	micro-tidal	Schuerch et al. (2012)

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sample1	54.8	8.3	726.0	<i>Juncus gerardi</i>	0.11	R	8.5	micro-tidal	
sample2	54.8	8.3	1846.0	<i>Atriplex portulacoides</i>	0.28	R	8.5	micro-tidal	Schuerch et al. (2012)
sample3	54.8	8.3	1650.0	<i>Spartina anglica</i>	0.25	R	8.5	micro-tidal	
Oder River, Poland	54.3	14.6	203.1	<i>Phragmites communis</i>	0.71	R	8.4	micro-tidal	Callaway et al. (1996)
Oder River, Poland	54.3	14.6	147.2	<i>Phragmites communis</i>	0.46	R	8.4	micro-tidal	
Vistula River, Poland	54.3	18.9	524.2	<i>Phragmites communis</i>	1.9	R	8.4	micro-tidal	
Vistula River, Poland	54.3	18.9	349.3	<i>Phragmites communis</i>	0.82	R	8.4	micro-tidal	
	N	W							
The Blackwater estuary, UK	52	0.7	185.7	nd	1.41	R	9.7	meso-tidal	Adams et al. (2012)
Sample 1	52	0.7	230.0	<i>Atriplex portuacoides</i>	1.75	R	9.7	meso-tidal	
Sample 2	52	0.7	120.0	<i>Salicornia</i> spp.	0.91	R	9.7	meso-tidal	
The Humber estuary, England	53.7	0.1	31.0	<i>Spartina</i>	1.4	R	9.5	macro-tidal	Andrews et al. (2008)
Mediterranean	N	E							
Rhone Delta, France	43.3	4.6	161.0	<i>Juncus maritimus</i>	0.22	M	15.6	micro-tidal	Hensel et al. (1999)

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European Atlantic basin, Iberian Peninsula	37.2	6.9	1071.0	<i>Spartina maritima</i>	2.2	M	18.1	micro-tidal	Curado et al. (2013)
The Palmones River estuary, Spain	36.2	5.4	550.0	<i>S. perennis alpini</i>	nd	nd	18.3	micro-tidal	Palomo and Niell (2009)
	N	W							
Marina del Carmolí, Spain	37.7	0.9	260.0	<i>Phragmites australis</i>	2.68	R	18.1	micro-tidal	Gonzalez-Alcaraz et al. (2012)
Pancas, the Tagus estuary, Portugal	38.8	8.9	330.0	<i>Spartina maritima</i>	1.0	nd	17.3	micro-tidal	Sousa et al. (2010a, 2010b)
Corroios, the Tagus estuary, Portugal	38.8	8.9	750.0	<i>Spartina maritima</i>	1.0	nd	17.3	micro-tidal	
The Mondego estuary, Portugal	40.1	8.6	218.0	<i>Spartina maritima</i>	0.7	nd	15.2	micro-tidal	
NE Pacific	N	W							
Tijuana Slough, California	32.5	117.1	343.0	<i>Spartina foliosa</i>	1.91	M	17.6	micro-tidal	Cahoon et al. (1996)
Tijuana Slough, California	32.5	117.1	43.0	nd	0.25	M	17.6	micro-tidal	Chmura et al. (2003)

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Brookhurst, the Huntington Beach, California	33.6	117.9	34.0	<i>Sarcocornia acifca</i>	0.1	M	19.5	micro-tidal	Keller et al. (2012)
Talbert, the Huntington Beach, California	33.6	117.9	23.0	nd	0.1	M	19.5	micro-tidal	
Alviso, San Francisco Bay, California	37.5	122	385.0	nd	4.28	nd	15.5	micro-tidal	Patrick and Delaune (1990)
Bird Island, San Francisco Bay, California	37.6	122.2	54.0	nd	0.39	nd	15.5	micro-tidal	
Whale's Tail, San Francisco Bay, California	37.8	122.3	146.7	<i>Spartina foliosa</i>	0.77	R	15.9	micro-tidal	Callaway et al. (2012)
China Camp, San Francisco Bay, California	38	122.5	141.9	<i>Spartina foliosa</i>	0.63	R	15.9	micro-tidal	
Petaluma River, San Francisco Bay, California	38.2	122.6	87.7	<i>Spartina foliosa</i>	0.34	R	15.9	micro-tidal	
Coon Island, San Francisco Bay, California	38.2	122.3	187.5	<i>Spartina foliosa</i>	0.68	R	15.9	micro-tidal	
Rush Ranch, San Francisco Bay, California	38.2	122	105.0	nd	0.35	R	15.9	micro-tidal	

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Browns Island, California	38	121.9	155.6	nd	0.45	R	15.9	micro-tidal	Callaway et al. (2012)
NW Atlantic	N	W							
Cedar Island National Wildlife Refuge, North Carolina	35	76.4	70.0	nd	0.32	nd	17.0	micro-tidal	Chmura et al. (2003)
Oregon Inlet, North Carolina	35.9	75.6	59.0	<i>Spartina alterniflora</i>	0.27	R	16.6	micro-tidal	Craft et al. (1993)
Oregon Inlet, North Carolina	35.9	75.6	21.0	<i>Spartina alterniflora</i>	0.09	R	16.6	micro-tidal	
Jacob's Creek, North Carolina	35.3	76.8	146.0	nd	0.36	R	16.6	micro-tidal	
Jacob's Creek, North Carolina	35.3	76.8	107.0	nd	0.24	R	16.6	micro-tidal	
MC4, Chesapeake Bay, Maryland	38.3	75.9	308.0	nd	0.77	R	14.4	micro-tidal	Kearney and Stevenson (1991)
MCL8, Chesapeake Bay, Maryland	38.3	75.9	213.0	nd	0.79	R	14.4	micro-tidal	
MCL15, Chesapeake Bay, Maryland	38.3	75.9	340.0	nd	0.77	R	14.4	micro-tidal	
SA4, Little Assawoman Bay, Delaware	38.4	75.1	159.0	<i>Spartina alterniflora</i>	0.25	R	13.1	micro-tidal	Elsley-Quirk et al. (2011)
J1, Little Assawoman Bay,	38.4	75.1	119.0	<i>Juncus roemerianus</i>	0.19	R	13.1	micro-tidal	

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Delaware									
Sybil 1, Connecticut	41.2	72.6	136.0	<i>Spartina alterniflora</i>	0.25	R	10.3	micro-tidal	Anisfeld et al. (1999)
Hoadley 1, Connecticut	41.2	72	154.0	<i>Spartina alterniflora</i>	0.42	R	10.3	micro-tidal	
Hoadley 2, Connecticut	41.2	72	169.0	<i>Spartina patens</i>	0.42	R	10.3	micro-tidal	Anisfeld et al. (1999)
Hoadley 3, Connecticut	41.2	72	114.0	nd	0.33	R	10.3	micro-tidal	
East River 1, Connecticut	41.2	72.7	134.0	<i>Spartina patens</i>	0.45	R	10.3	micro-tidal	
East River 2, Connecticut	41.2	72.7	204.0	<i>Spartina alterniflora</i>	0.34	R	10.3	micro-tidal	
The Long Island Sound, Connecticut	41.2	72.7	162.8	nd	0.37	R	10.3	micro-tidal	
The Long Island Sound, Connecticut	41.2	72.7	80.8	nd	0.37	R	10.3	micro-tidal	
Sluice 1, Connecticut	41.2	72.7	99.0	<i>Distichlis spicata</i>	0.38	R	10.3	micro-tidal	
Sluice Core 2, Connecticut	41.2	72.7	85.0	<i>Distichlis spicata</i>	0.19	R	10.3	micro-tidal	
Leetes 1, Connecticut	41.2	72.7	153.0	<i>Distichlis spicata</i>	0.39	R	10.3	micro-tidal	
Leetes 2, Connecticut	41.2	72.7	93.0	<i>Distichlis spicata</i>	0.31	R	10.3	micro-tidal	
Sybil 2, Connecticut	41.2	72.6	72.0	<i>Phragmites australis</i>	0.25	R	10.3	micro-tidal	

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Sybil 3, Connecticut	41.2	72.6	116.0	<i>Phragmites australis</i>	0.25	R	10.3	micro-tidal	
Brandford River 1, Connecticut	41.2	72.6	182.0	<i>Spartina alterniflora</i>	0.63	R	10.3	micro-tidal	
Brandford River 2, Connecticut	41.2	72.6	182.0	<i>Spartina alterniflora</i>	0.70	R	10.3	micro-tidal	
Farm River, Connecticut	41.2	72.9	70.0	<i>Spartina patens</i>	0.28	R	10.3	meso-tidal	McCaffrey and Thomson (1980)
Bloom's Point, Little Narragansett Bay, Connecticut	41.3	71.9	62.0	<i>Spartina patens</i>	0.17	M	10.3	micro-tidal	Orson et al. (1998)
Headquaters, New England	41.3	71.9	186.5	<i>Spartina patens</i>	0.22	R	10.3	micro-tidal	
Davis, New England	41.3	71.8	199.0	<i>Spartina alterniflora</i>	0.18	M	10.3	micro-tidal	
Bloom's Point, New England	41.3	71.9	181.0	<i>Spartina patens</i>	0.22	M	10.3	micro-tidal	
Rhode Island	41.4	71.3	165.0	nd	0.29	R	10.3	micro-tidal	Weinstein and Kreeger (2000)
Inlet 1, Nauset Bay, Mass.	41.5	70	105.0	<i>Spartina alterniflora</i>	0.38	R	9.8	micro-tidal	Roman et al. (1997)
Nauset Bay, Mass.	41.5	70	155.0	<i>Spartina alterniflora</i>	0.38	R	9.8	micro-tidal	

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The Great Sippewissett Marsh, Mass.	41.6	70	88.8	<i>Spartina alterniflora</i>	nd	nd	9.8	micro-tidal	Howes et al. (1985)
The Sprague River Marsh, Maine	43.8	69.8	40.0	<i>Spartina alterniflora</i>	0.07	R	7.2	meso-tidal	Johnson et al. (2007)
Cobscook Bay, Maine	44.9	67.1	30.8	nd	0.28	M	4.8	macro-tidal	Goodman et al. (2007)
Dipper a, Dipper Harbour, Bay of Fundy, New Brunswick	45.1	66.4	85.0	<i>Spartina patens</i>	0.18	M	4.8	macro-tidal	Connor et al. (2001)
Dipper d, Dipper Harbour, Bay of Fundy, New Brunswick	45.1	66.4	63.0	<i>Spartina patens</i>	0.19	M	4.8	macro-tidal	Connor et al. (2001)
Little Lepreau, Bay of Fundy, New Brunswick	45.1	66.5	80.0	<i>Spartina patens</i>	0.14	M	4.8	macro-tidal	
Chance Harbour, New Brunswick	45.1	66.3	72.0	<i>Spartina patens</i>	0.19	M	4.8	macro-tidal	
Chance Harbour, Bay of Fundy, New Brunswick	45.1	66.3	72.0	<i>Spartina patens</i>	0.19	M	4.8	macro-tidal	
DH SA 3, Dipper Harbour, Bay of Fundy, New Brunswick	45.1	66.4	187.0	<i>Spartina alterniflora</i>	0.54	M	4.8	macro-tidal	
DH SA 2, Dipper Harbour, Bay of	45.1	66.4	182.0	<i>Spartina alterniflora</i>	0.54	M	4.8	macro-tidal	

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Fundy, New Brunswick									
DH SA 1, Dipper Harbour, Bay of Fundy, New Brunswick	45.1	66.4	195.0	<i>Spartina alterniflora</i>	0.54	M	4.8	macro-tidal	
DH Sp 3, Dipper Harbour, Bay of Fundy, New Brunswick	45.1	66.4	85.0	<i>Spartina patens</i>	0.18	M	4.8	macro-tidal	
DH Sp 2, Dipper Harbour, Bay of Fundy, New Brunswick	45.1	66.4	64.0	<i>Spartina patens</i>	0.18	M	4.8	macro-tidal	
DH Sp 1, Dipper Harbour, Bay of Fundy, New Brunswick	45.1	66.4	77.0	<i>Spartina patens</i>	0.18	M	4.8	macro-tidal	Connor et al. (2001)
Bocabec River, Bay of Fundy, New Brunswick	45.1	67	456.0	nd	1.34	M	4.8	meso-tidal	Chmura et al. (2003)
Bocabec River, Bay of Fundy, New Brunswick	45.1	67	113.0	nd	0.25	M	4.8	meso-tidal	
Dipper Harbour, Bay of Fundy, New Brunswick	45.1	66.4	445.0	<i>Spartina patens</i>	1.48	M	4.8	macro-tidal	
Dipper Harbour, Bay of Fundy, New Brunswick	45.1	66.4	94.0	<i>Spartina patens</i>	0.28	M	4.8	macro-tidal	

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Dipper Harbour, Bay of Fundy, New Brunswick	45.1	66.4	156.6	<i>Spartina patens</i>	0.47	M	4.8	macro-tidal	Chmura et al. (2011)
Dipper Harbour, Bay of Fundy, New Brunswick	45.1	66.4	85.0	<i>Spartina patens</i>	0.18	M	4.8	macro-tidal	Connor et al. (2001)
Dipper Harbour, Bay of Fundy, New Brunswick	45.1	66.4	60.0	<i>Spartina patens</i>	0.18	M	4.8	macro-tidal	
Little Lepreau, Bay of Fundy, New Brunswick	45.1	66.4	89.0	<i>Spartina patens</i>	0.15	M	4.8	macro-tidal	
Eastport, Maine	45.1	64.9	107.2	<i>Spartina patens</i>	0.1	R	4.8	macro-tidal	Chmura and Hung (2004)
Cape Enrage, Bay of Fundy, New Brunswick	45.6	64.8	582.0	nd	3.23	M	4.8	macro-tidal	Chmura et al. (2003)
Cape Enrage, Bay of Fundy, New Brunswick	45.6	64.8	186.0	nd	0.81	M	4.8	macro-tidal	
Lorneville, Bay of Fundy, New Brunswick	45.2	66.2	277.0	nd	0.99	M	4.8	macro-tidal	
Lorneville, Bay of Fundy, New Brunswick	45.2	66.2	330.0	nd	1.00	M	4.8	macro-tidal	

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St. Martins, Bay of Fundy, New Brunswick	45.3	65.5	265.0	nd	0.98	M	4.8	macro-tidal	
St. Martins, Bay of Fundy, New Brunswick	45.3	65.5	928.0	nd	3.87	M	4.8	macro-tidal	
Wood Point, Bay of Fundy, New Brunswick	45.8	64.4	264.0	<i>Spartina patens</i>	1.02	M	4.8	macro-tidal	
Wood Point, Bay of Fundy, New Brunswick	45.8	64.4	253.0	<i>Spartina patens</i>	1.01	M	4.8	macro-tidal	
Kouchigouguacis Lagoon, Gulf of St. Lawrence, New Brunswick	46.7	64.9	102.0	nd	0.33	R	5.3	micro-tidal	Chmura et al. (2003)
Bay St-Louis, New Brunswick	46.8	64.9	93.0	nd	0.29	R	5.3	micro-tidal	
Kouchibouguacis Lagoon, Gulf of St. Lawrence, New Brunswick	46.8	64.9	272.6	nd	0.29	R	5.3	micro-tidal	Chmura et al. (2011)
Escuminac, Gulf of St. Lawrence, New Brunswick	47.1	64.9	121.3	<i>Elymus arenarius</i>	0.23	R	5.3	micro-tidal	Chmura and Hung (2004)
Tabusintac Bay, Gulf of St. Lawrence, New Brunswick	47.4	65	66.0	nd	0.20	R	5.3	micro-tidal	Chmura et al. (2003)
Malpeque Bay, Gulf of St.	46.5	63.7	71.0	nd	0.24	R	5.5	meso-tidal	

Site a	Latitude (°)	Longitude (°)	CAR (g C m ⁻² yr ⁻¹)	Dominant halophyte species/genera	SAR (cm yr ⁻¹)	Method for SAR estimation ^a	MAT (° C) ^b	Tidal range ^c	Reference
Lawrence, Prince Edward Island									
Rustico, Prince Edward Island	46.5	63.6	130.3	<i>Spartina patens</i>	0.38	R	5.5	meso-tidal	Chmura and Hung (2004)
Brackley Bay, Gulf Of St. Lawrence, Prince Edward Island	46.4	63.2	89.0	nd	0.25	R	5.5	micro-tidal	Chmura et al. (2003)
Pubnico Harbour, Gulf of Maine, Nova Scotia	43.6	65.3	113.0	nd	0.28	R	6.8	meso-tidal	
Cheboque Harbour, Gulf of Maine, Nova Scotia	43.8	66.4	75.0	nd	0.17	R	6.8	meso-tidal	Chmura et al. (2003)
Little River Harbour, Gulf of Maine, Nova Scotia	43.7	66.1	304.0	nd	0.39	R	6.8	meso-tidal	
Yarmouth, Nova Scotia	43.8	66.1	146.3	<i>Spartina patens</i>	0.28	R	6.8	meso-tidal	Chmura and Hung (2004)
Cole Harbour, Nova Scotia	44.7	63.4	161.0	nd	0.38	R	6.8	micro-tidal	Chmura et al. (2003)
Lawrencetown Lake, Nova Scotia	44.7	63.4	60.0	nd	0.25	R	6.0	micro-tidal	
Chezzetcook Inlet, Nova Scotia	44.7	63.4	106.0	nd	0.28	R	6.0	micro-tidal	
Halifax, Nova Scotia	44.7	63.5	179.7	<i>Spartina patens</i>		R	6.0	micro-tidal	Chmura and Hung (2004)

Site a	Latitude (°)	Longitude (°)	CAR (g C m ⁻² yr ⁻¹)	Dominant halophyte species/genera	SAR (cm yr ⁻¹)	Method for SAR estimation ^a	MAT (° C) ^b	Tidal range ^c	Reference
Rustico Bay, Prince Edward Island	46.4	63.2	125.0	<i>Spartina patens</i>	0.37	R	5.5	micro-tidal	Chmura et al. (2003)
Arctic	N	W							
Flakkerhuk, Disko, West Greenland	69.7	52	30.0	<i>Puccinellia phryganodes</i>	0.17	R	-5.3	micro-tidal	Jensen et al. (2006)
Storfjorden, Svalbard, Norway	77.5	19.8	33.7	<i>Puccinellia phryganodes</i>	0.21	R	-11.8	micro-tidal	Glud et al. (1998)
Malangen, Svalbard, Norway	69.3	24.7	7.0	<i>Puccinellia phryganodes</i>	0.13	R	2.8	micro-tidal	
Van Mijen Fjord, Svalbard, Norway	78.3	14.6	34.2	<i>Puccinellia phryganodes</i>	0.25	R	-11.8	micro-tidal	
Hornsund, Svalbard, Norway	77.5	14	70.5	<i>Puccinellia phryganodes</i>	0.59	R	-11.8	micro-tidal	
Hornsund, Svalbard, Norway	77.5	14	34.2	<i>Puccinellia phryganodes</i>	0.25	R	-11.8	micro-tidal	
Region	Latitude (°)	Longitude (°)	CAR (g C m ⁻² yr ⁻¹)	Dominant halophyte species/genera	SAR (cm yr ⁻¹)	Method for SAR estimation	MAT (° C) ^c	Tidal range ^b	Reference ^a
Australasia	S	E							
Australia	10~40	110~155	274.8	nd	nd	nd	nd	micro-tidal to macro- tidal	Lawrence et al. (2012);Saintil

Site a	Latitude (°)	Longitude (°)	CAR (g C m ⁻² yr ⁻¹)	Dominant halophyte species/genera	SAR (cm yr ⁻¹)	Method for SAR estimation ^a	MAT (° C) ^b	Tidal range ^c	Reference
									an et al. (2013)
Sino-Japan	N	E							
China	18~41	110~135	223.6	nd	nd	nd	nd	micro-tidal to meso- tidal	Xiaonan et al. (2008)

^a M and R represent marker horizons and radionuclide, respectively; nd represents no data were specified in the reference.

^{b, c} micro-tidal (tidal range = 0 ~ 2m), meso-tidal (tidal range = 2 ~ 4m), macro-tidal (tidal range > 4m). Tidal range is classified into the three types based on tidal range data, along with MAT, from references cited in "a", and from website.