

Paper	Dominant seagrass				
	species	Status	MonoMix	Climate	Method
Adams et al. 2016	<i>Zostera muelleri</i>	Natural	Monospecific	Temperate	Incubator
Anton et al. 2009	<i>Halodule wrightii</i>	Natural	Mixed species	Tropical	Incubator
	<i>Halodule uninervis</i> , <i>Thalassia hemprichii</i> , <i>Halodule stipulacea</i> , <i>Thalassodendrum ciliatum</i> , <i>Halophila</i>				
Anton et al. 2020	<i>ovalis</i>	Natural	Monospecific	Tropical	Incubator
Apostolaki et al 2010	<i>Posidonia oceanica</i>	Natural	Monospecific	Temperate	Incubator
Apostolaki et al. 2014	<i>Cymodocea nodosa</i>	Natural	Mixed species	Temperate	Incubator
	<i>Halodule</i> sp. and <i>Halophila</i> sp.				
Banerjee et al. 2018	<i>Halophila</i> sp.	Natural	Mixed species	Tropical	Mass balance
Barron and Duarte 2009	<i>Posidonia oceanica</i>	Natural	Monospecific	Temperate	Incubator
Barron et al. 2004	<i>Cymodocea nodosa</i>	Natural	Monospecific	Temperate	Incubator
Barron et al. 2006	<i>Posidonia oceanica</i>	Natural	Monospecific	Temperate	Incubator
Berg et al. 2018	<i>Zostera marina</i>	Restored	Monospecific	Temperate	Eddy correlation
Berger et al. 2020	<i>Zostera marina</i>	Restored	Monospecific	Temperate	Eddy correlation
	<i>Cymodocea serrulata</i> , <i>Halodule uninervis</i> ,				
Burkholz et al. 2019	<i>Enhalus acoroides</i>	Natural	Monospecific	Tropical	Incubator
Calleja et al. 2006	<i>Thalassia testudinum</i>	Natural	Monospecific	Tropical	Incubator
Cardini et al. 2018	<i>Halophila stipulacea</i>	Natural	Monospecific	Temperate	Incubator
Champenois and Borges 2012	<i>Posidonia oceanica</i>	Natural	Monospecific	Temperate	Incubator
Champenois and Borges 2018	<i>Posidonia oceanica</i>	Natural	Monospecific	Temperate	Mass balance
	<i>Zostera capricorni</i> ,				
Chen et al. 2019	<i>Halophila ovalis</i>	Natural	Monospecific	Temperate	Incubator
Clavier et al. 2011	<i>Zostera noltii</i>	Natural	Monospecific	Both	Incubator
Dahl et al. 2016	<i>Thalassia hemprichii</i>	Natural	Monospecific	Tropical	Incubator
Drylie et al. 2018	<i>Zostera muelleri</i>	Natural	Monospecific	Temperate	Incubator
Duarte et al. 2002	<i>Zostera marina</i>	Natural	Monospecific	Temperate	Incubator
Egea et al. 2019a	<i>Cymodocea nodosa</i>	Natural	Monospecific	Temperate	Incubator
Egea et al. 2019b	<i>Cymodocea nodosa</i>	Natural	Monospecific	Temperate	Incubator
Erftemeijer et al. 1993	<i>Thalassia hemprichii</i>	Natural	Monospecific	Tropical	Incubator
Ferguson et al. 2017	<i>Zostera muelleri</i>	Natural	Monospecific	Temperate	Incubator
Frankignoulle and Bouqueneau	<i>Posidonia oceanica</i>	Natural	Monospecific	Temperate	Incubator
Gacia et al. 2005	<i>Thalassia hemprichii</i>	Natural	Mixed species	Tropical	Incubator
Gazeau et al. 2005	<i>Posidonia oceanica</i>	Natural	Monospecific	Temperate	Incubator
	<i>Enhalus acoroides</i> +				
Gruber et al. 2017	<i>Thalassia hemprichii</i>	Natural	Mixed species	Tropical	Mass balance
	<i>Ruppia cirrhosa</i> ,				
Gustafsson & Norkko 2016	<i>Zostera marina</i>	Natural	Monospecific	Temperate	Incubator
Herbert and Fourqurean 2008	<i>Thalassia testudinum</i>	Natural	Mixed species	Tropical	Incubator

Holmer et al. 2004	Posidonia oceanica, Cymodocea nodosa	Natural	Monospecific	Temperate	Incubator
Hume et al. 2011	Zostera marina	Restored	Monospecific	Temperate	Eddy correlation
Johnson et al. 2109	Thalassia testudinum, Halophila stipulacea	Natural	Monospecific	Tropical	Incubator
Koch and Madden 2001	Thalassia testudinum	Natural	Monospecific	Tropical	Incubator
Koopmans et al. 2020	Posidonia oceanica	Natural	Monospecific	Temperate	Eddy correlation
Lee Nagel 2007	Thalassia testudinum Thalassia hemprichii, Halodule uninervis, Syringodium isoetifolium, Enhalus acoroides, Cymodocea	Natural	Monospecific	Tropical	Watercol_YSI
Lindeboom and Sandee 1989	rotundata	Natural	Monospecific	Tropical	Incubator
Long et al. 2015	Thalassia testudinum	Natural	Monospecific	Tropical	Eddy correlation
Maher and Eyre 2011	Ruppia megcarpa, Zostera capricorni, Halophila ovalis, Posidonia australis	Natural	Monospecific	Temperate	Incubator
Martin et al 2005	Zostera marina	Natural	Monospecific	Temperate	Incubator
Murray and Wetzel 1987	Zostera marina, Ruppia maritima	Natural	Monospecific	Temperate	Incubator
Murrell et al. 2018	Thalassia testudinum+ Halodule beaudettei	Natural	Mixed species	Temperate	Mass balance
Nixon and Oviatt 1972	Zostera marina	Natural	Monospecific	Temperate	Mass balance
Odum 1956	Thalassia testudinum	Natural	Monospecific	Tropical	Mass balance
Odum and Wilson, 1962	Thalassia testudinum	Natural	Mixed species	Tropical	Mass balance
Odum et al. 1959	Thalassia testudinum	Natural	Monospecific	Tropical	Mass balance
Olive et al. 2016	Posidonia oceanica	Natural	Monospecific	Temperate	Incubator
Plus et al. 2001	Zostera noltii	Natural	Monospecific	Temperate	Incubator
Reyes and Merino 1991	Thalassia testudinum	Natural	Monospecific	Tropical	Mass balance
Rheuban et al. 2014	Zostera marina	Restored	Monospecific	Temperate	Eddy correlation
Santos et al. 2004	Zostera noltii, Cymodocea nodosa	Natural	Monospecific	Temperate	Incubator
Staehr et al. 2018	Zostera marina	Natural	Monospecific	Temperate	Incubator
Stutes et al. 2007	Halodule wrightii	Natural	Monospecific	Tropical	Incubator
Van Dam et al. 2019	Thalassia testudinum	Natural	Monospecific	Temperate	Mass balance
Viaroli et al. 1996	Zostera noltii	Natural	Monospecific	Temperate	Incubator
Yarbro and Carlson 2008	Halodule wrightii	Natural	Monospecific	Tropical	Incubator