

		OYSTER REEFS		SAND DUNES		MANGROVE FORESTS		SEA GRASS BEDS		SALT MARSHES		
Ecosystem Service	Ecosystem Process/ Function	Quantification Value	Valuation Value	Quantification Value	Valuation Value	Quantification Value	Valuation Value	Quantification Value	Valuation Value	Quantification Value	Valuation Value	
Fisheries Production	Generates biological productivity and diversity	Kroeger 2012; Northern Gulf of Mexico	Kroeger 2012; Northern Gulf of Mexico				Barbier 2007; Thailand		McArthur and Boland, 1996; Australia		Bell 1997; Florida, USA	
		Kroeger 2012; Northern Gulf of Mexico										
		Peterson et al. 2003; Southeastern USA estuaries	Grabowski et al. 2012; USA								Freeman 1991; Gulf Coast, USA	
Carbon Sequestration	Generates biological productivity, biogeochemical activity						European Union Emissions Trading System	Fourqreen et al., 2012; Global and Wilson et al., 2012; Global	European Union Emissions Trading System	Megonigal et al., 2013; Global	Megonigal et al., 2013; Global	
												Chumra et al., 2003; Global
												Jerath 2012; Everglades National Park, USA
												Donato et al., 2011; Tropical Mangrove Forests
											Megonigal 2013. Global	
Protection Against Coastal Erosion / Shoreline Stabilization	Attenuates and/or dissipates waves; sediment retention; soil retention in vegetation root structure	Kroeger 2012; Northern Gulf of Mexico	Grabowski et al. 2012; USA		Pompe and Rinehart 1999; South Carolina, USA	Mazda et al., 1997	Barbier 2008; Thailand		Costanza et al., 1997; California USA			
												Huang et al. 2007; Maine and New Hampshire beaches, USA
												Grabowski et al. 2012; USA
												Feagin et al. 2010; San Francisco Bay, USA
												Feagin et al. 2010; San Francisco Bay, USA
												Feagin et al. 2010; San Francisco Bay, USA
Barbier et al., 1997; Louisiana, USA												
Costanza et al. 2008; FL, USA												
Tourism and Recreation	Provides unique landscapes suitable habitat for flora and fauna		NOAA, 2004 and Henderson and O'Neil, 2003: Louisiana, USA		Landry and Liu 2009; North Carolina beaches, USA		Valdez et al., 2013. Mexico		Costanza et al., 1997; California USA			
												Bell 1992; Florida USA and Curtis et al., 1982; Florida USA
												Bell and Leeworth 1990; Florida USA
												Biol and Cox, 2007; UK
Biol and Cox, 2007; UK												
Barbier et al., 1997; Louisiana, USA												
Bell 1997; Florida, USA												
Improve Water Quality	Provides biogeochemical activity, sedimentation, biological productivity; stores and filters water; nutrient and pollution uptake; particle deposition and retention	Grabowski et al., 2012; USA	Grabowski et al. 2012; USA				Lal, 1990, Fiji		Costanza et al., 1997; California, USA		Breux et al., 1995; USA	
												Higgins et al., 2011; Chesapeake Bay, USA
												Carmichael et al., 2012; MA, USA
												Newell et al., 2005; Chesapeake Bay, USA
												Kroeger 2012; Northern Gulf of Mexico
												Grizzel et al. 2006; Gulf of Mexico
												Cerco, 2005; Chesapeake Bay, USA
Grabowski et al. 2012; USA												
Piehlner and Smyth, 2011												
Increase Landscape Diversity (flora and fauna)	Provides suitable reproductive habitat and nursery ground, sheltered living space	Kellogg et al. 2013; Maryland, USA	Grabowski and Peterson, 2007; North Carolina, USA		Shivlani et al. 2003; South Florida, USA		Bann, 1997, USA		Johnston et al., 2002; New York, USA		Costanza et al. 2008; USA	
												Bell 1997; Florida, USA

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