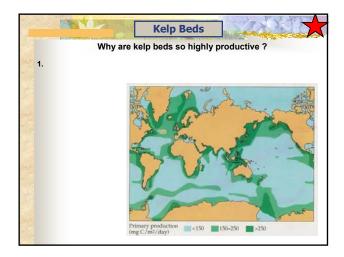
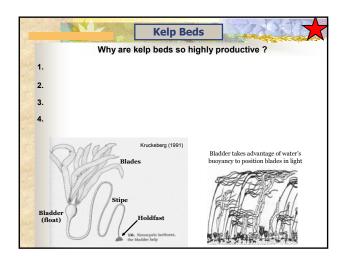
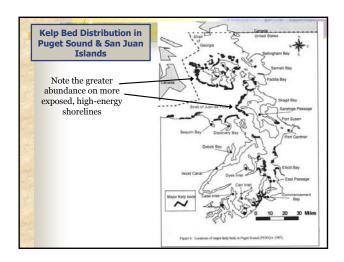


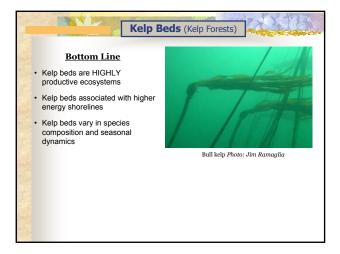
Ecosystem	Annual Net Primary Productivity of Ecosystems		
Net Primary	Ecosystem Type	Mean NPP g C / m² / yr	Range of NPP g C / m² / yr
Productivity	Terrestrial Uplands		
NPP =	Tropical rain forest	2,200	1,000 - 3,500
	Temperate evergreen forest	1,320	600 - 2,500
	Temperate deciduous forest	1,200	600 - 2,500
	Boreal forest	800	400 - 2,000
	Woodland & shrubland	700	250 - 1,200
	Temperate grassland	600	200 - 1,500
	Tundra and alpine	140	10 - 400
	Desert & semidesert scrub	90	10 - 250
	Freshwater Wetlands		
	Swamp & marsh	2,000	800 - 6,000
	Lake and stream	250	100 - 1,500
	Marine		
	Algal beds and reefs	2,500	500 - 4,000
	Estuaries	1,800	500 - 4,000
	Open Ocean	125	2 - 400

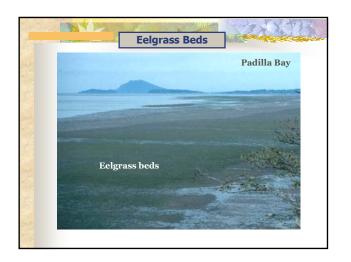
Kelp Beds	Annual Net Primary Productivity of Ecosystems		
are highly productive	Ecosystem Type	Mean NPP	Range of NPP
		g C / m² / yr	g C / m² / yr
•	Terrestrial Uplands		
ecosystems	Tropical rain forest	2,200	1,000 - 3,500
<u> </u>	Temperate evergreen forest	1,320	600 - 2,500
	Temperate deciduous forest	1,200	600 - 2,500
77 1 1 1	Boreal forest	800	400 - 2,000
Kelp beds	Woodland & shrubland	700	250 - 1,200
🥦 are as	Temperate grassland	600	200 - 1,500
productive	Tundra and alpine	140	10 - 400
as tropical	Desert & semidesert scrub	90	10 - 250
rainforests	Freshwater Wetlands		
	Swamp & marsh	2,000	800 - 6,000
	Lake and stream	250	100 - 1,500
	Marine		
	Algal beds and reefs	2,500	500 - 4,000
	Estuaries	1,800	500 - 4,000
	Open Ocean	125	2 - 400



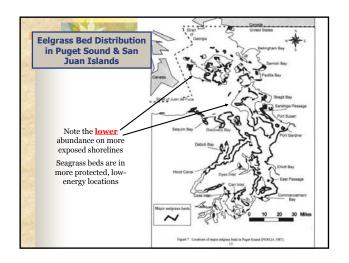


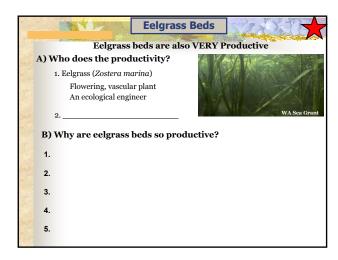


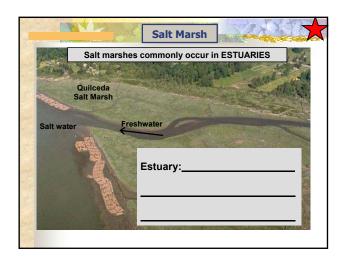














Calle Manale	Annual Net Primary Productivity of Ecosystems		
Salt Marsh Ecosystem	Ecosystem Type	Mean NPP	Range of NPP
		g C / m² / yr	g C / m² / yr
Productivity	Terrestrial Uplands		
9	Tropical rain forest	2,200	1,000 - 3,500
	Temperate evergreen forest	1,320	600 - 2,500
	Temperate deciduous forest	1,200	600 - 2,500
0 1: 35 1	Boreal forest	800	400 - 2,000
Salt Marshes	Woodland & shrubland	700	250 - 1,200
🎾 are also	Temperate grassland	600	200 - 1,500
highly	Tundra and alpine	140	10 - 400
productive	Desert & semidesert scrub	90	10 - 250
<u> </u>	Freshwater Wetlands		
	Swamp & marsh	2,000	800 - 6,000
	Lake and stream	250	100 - 1,500
	Marine		
	Algal beds and reefs	2,500	500 - 4,000
	Estuaries	1,800	500 - 4,000
	Open Ocean	125	2 - 400



