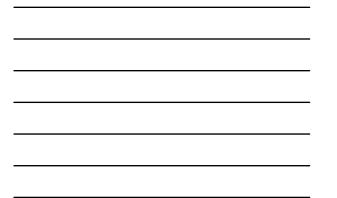
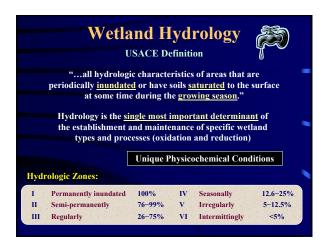
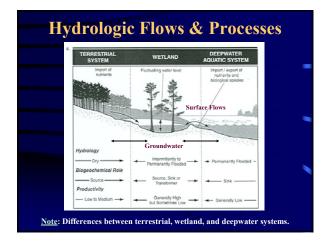


Matthew J. Gray University of Tennessee

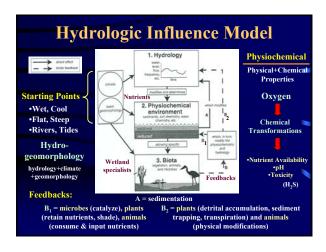


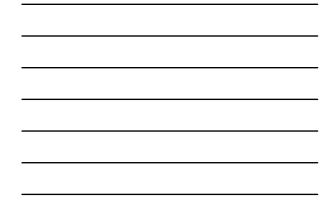


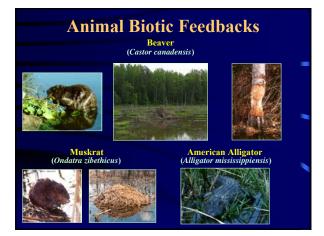




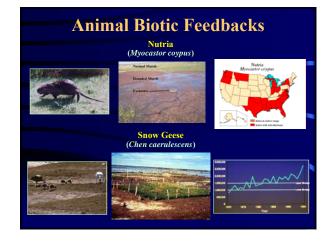










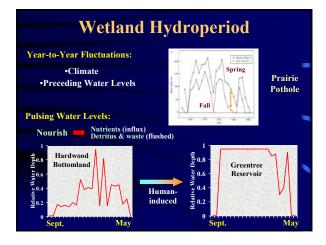


Wetland Hydroperiod		
Seasonal pattern of water level in a wetland.		
Hydrologic Signature Hydrograph		
Depth Tidal salt marsh AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA		
5 Components:		
1) Flood duration: Average or total amount of time standing (6 COE Zones) water exists during a flood event.		
2) Flood frequency: Average number of times a wetland has standing water per year.		
3) Flood depth: Depth of aboveground standing water.		

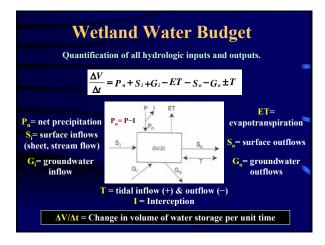


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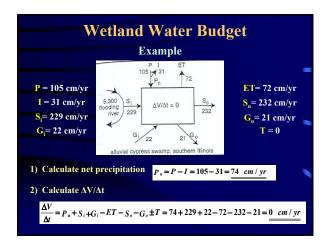


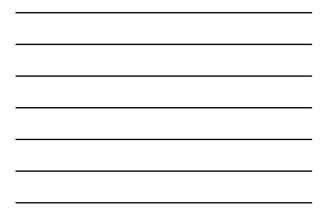


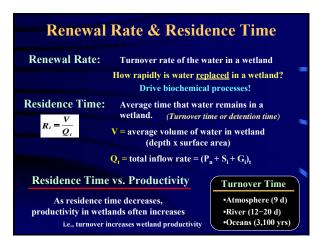




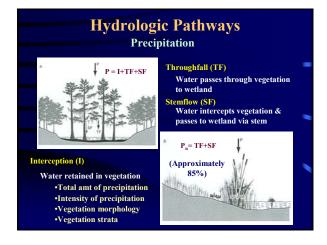




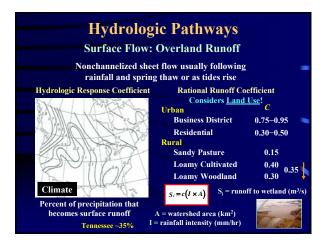




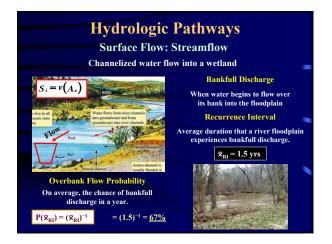


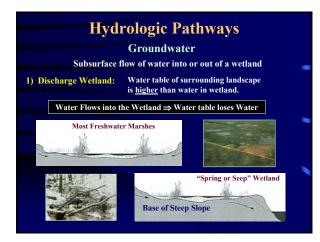




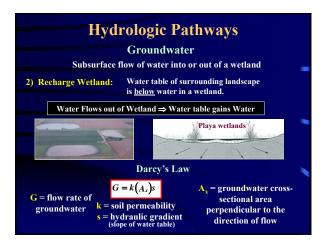




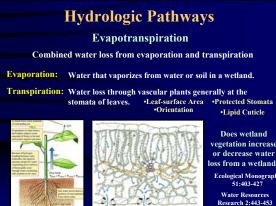








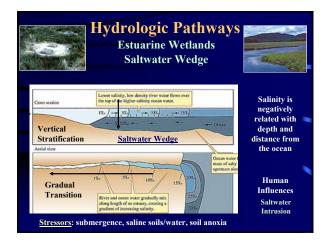




Does wetland vegetation increase or decrease water oss from a wetland? Ecological Monographs 51:403-427

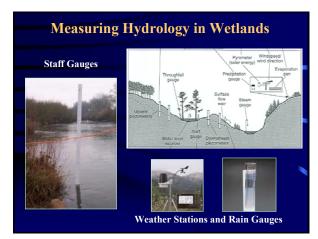
Estuarine Wetlands Tides		
Gr	avitational Pull of Moon > Sun on Oceans	
Types	TANTIARY Galveston, TX 2004	
A) Frequency •Semi-diurnal (two)	JANUARY Galvestolii, 1.4 2004   Wednośdy Thursday friday Starday Starday   GM 12 km KM 12 km KM 12 km KM 12 km KM 12 km   21 22 23 24 25	
•Diurnal (one)		
B) Magnitude		
•Spring $\longleftrightarrow$ (full, new)	JANUARY San Diego, CA 2004 Wednesday Thursday friday Suturday Sunday Sun	
•Neap (1 <sup>st</sup> ,3 <sup>rd</sup> )	21 22 23 24 25 	

_	

















3/8" holes on

opposing sides ca. every 3-4" above and belowground



Polyurethane Screen



http://www.soilmoisture.com.au/second/aboutus/capacitive/capacitive.html