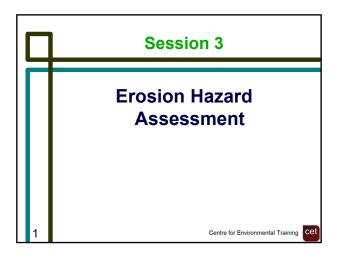
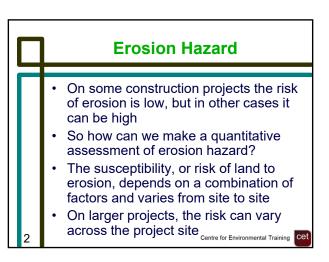
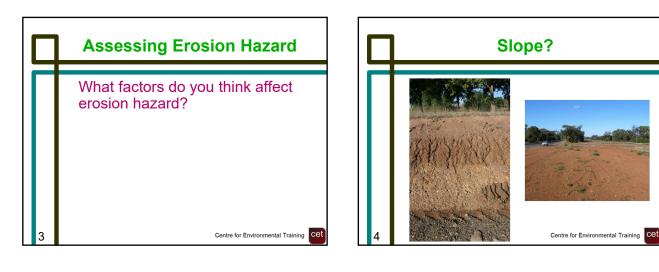
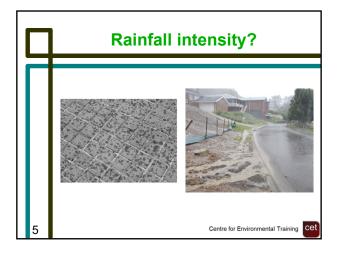
Peabody

Practical Erosion and Sediment Control for the Workforce 7 April 2025







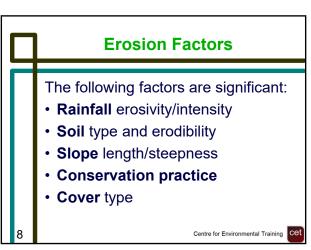


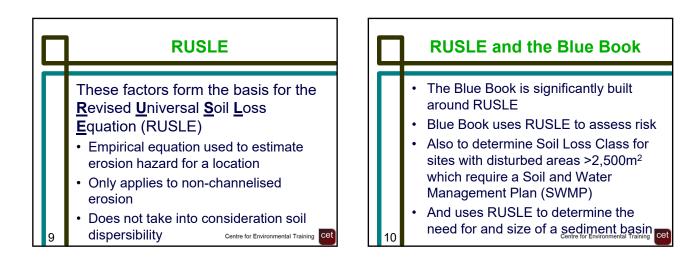


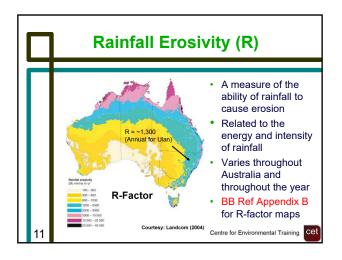


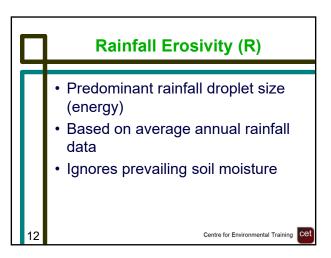
3.1





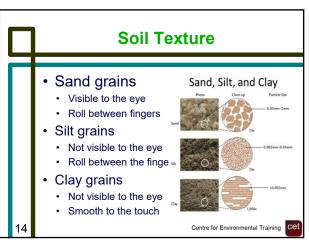


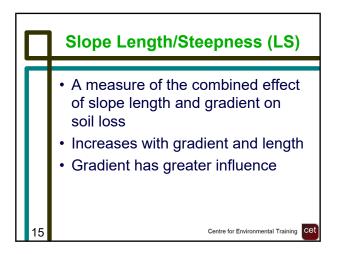




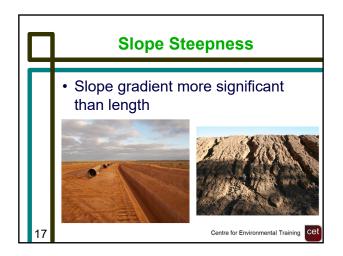
Soil Type and Erodibility (K) A measure of the susceptibility of soil particles to erosion Affected by soil texture, structure, organic matter, profile permeability and other parameters

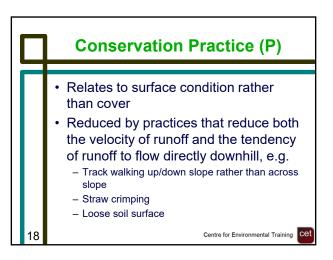
 Generally, fine sands and silts are most erodible, but dispersible clays can be highly erodible Centre for Environmental Training





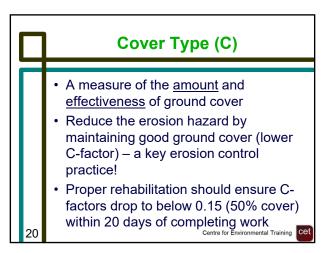






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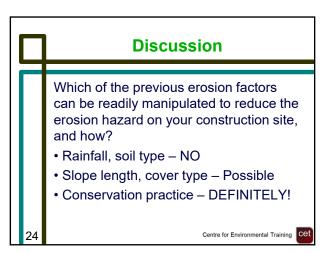




Cover Type (C) for Grass						
П	Grass Cover	C-Factor				
	No cover, soil smooth and compacted	1.0 (High)				
	20%	0.45 (Med)				
	50%	0.15 (Low)				
	70%	0.05				
	100%	< 0.01				
21		Centre for Environmental Training				

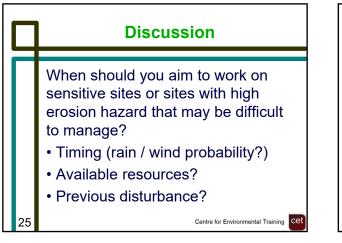


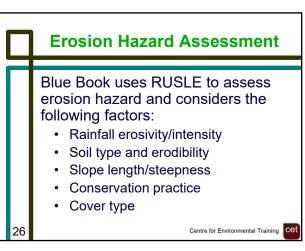


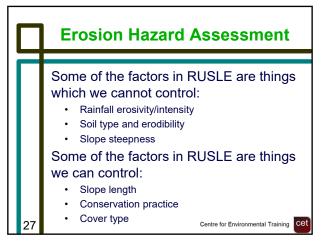


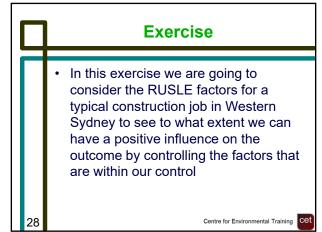
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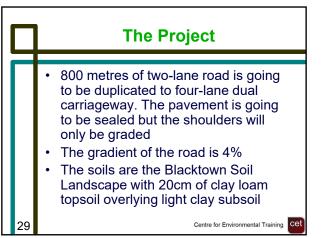
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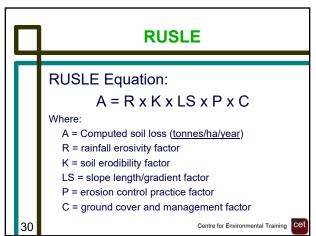


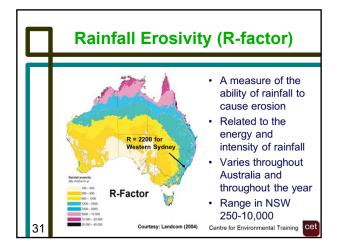


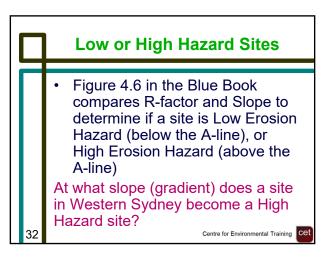






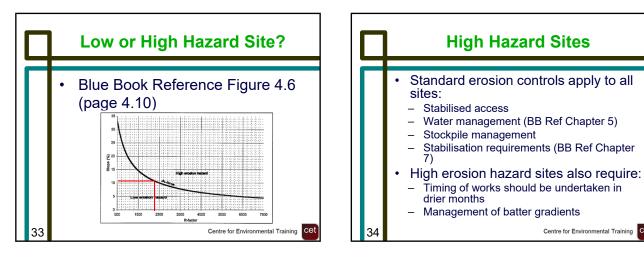


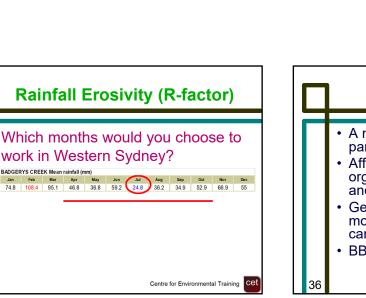




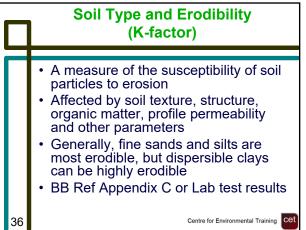
High Hazard Sites

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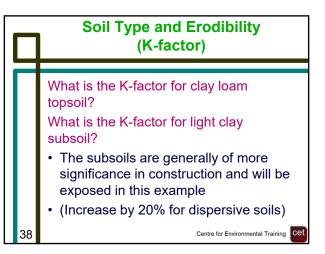


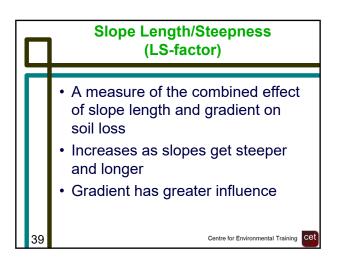
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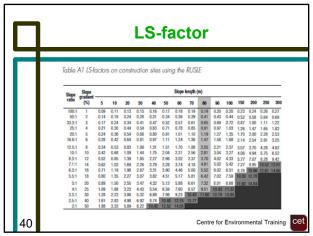


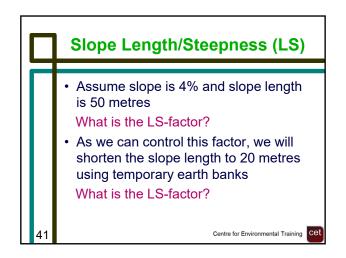
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	K-factors (after Rosewell						
Table	E4 Default calls	rodibility K-factors based on soil	199	93)			
Soil tes		Estimated clay content (%)	K-factor ^[1]				
Sand	S	< 10	0.015				
Clayey sand	CLS	5-10	0.025				
Loamy sand	LS	5-10	0.020				
Sandy loam	SL	10-15	0.030				
Fine sandy k	am FSL	10-20	0.035				
Sandy clay k	xam SCL	15-20	0.025				
Loam	L	about 25	0.040				
Loam, fine si	andy Lfsy	about 25	0.050				
Silt loam	SL	about 25 and more than 25% silt	0.055				
Sandy clay k	am SCL	20-30	[0.043]				
Clay loam	CL	30-35	0.030				
Silty clay loa	m SiCL	30-35 and more than 25% silt	0.040				
Fine sandy o	lay loam FSCL	30-35	0.025				
Sandy clay	SC	35-40	0.017				
Silty clay	SIC	35-40 and more than 25% silt	0.025				
Light clay	LC	35-40	0.025				
Light medium	n day LMC	40-45	0.018				
Nedium clay	MC	45-55	0.015	Centre for Environmental Training			
37 Heavy clay	HC	> 50	0.012	Centre for Environmental Training Ce			





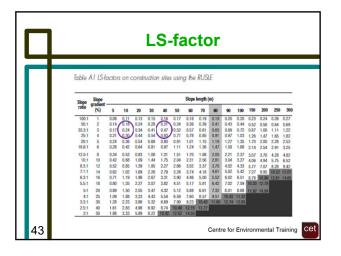


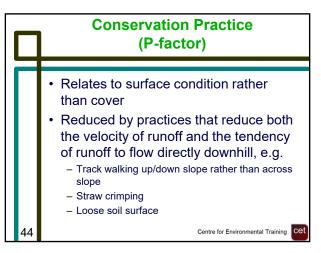


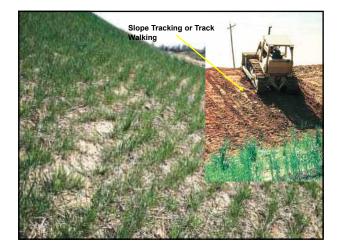


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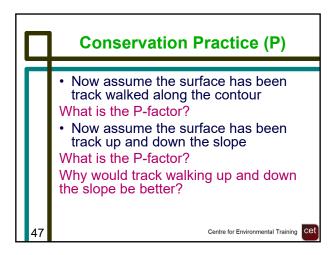
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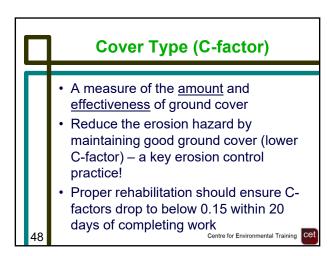






able A2 P-factors for construction sites (Goldman et al., 19	186) \V
Surface condition	P-facto
Compacted and smooth	1.3
Track-walked along the contour ^[6]	1.2
Track-walked up and down the slope ^[7]	0.9
Punched straw ^[8]	0.9
loose to 0.3 metres depth	0.8





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Q	Cover Type (C-factor) for Grass					
	Grass Cover	C-Factor				
	No cover, soil smooth and compacted	1.0 (High)				
	20%	0.45 (Med)				
	50%	0.15 (Low)				
	70%	0.05				
	100%	< 0.01				
49		Centre for Environmental Training				

