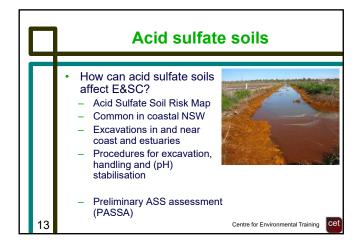
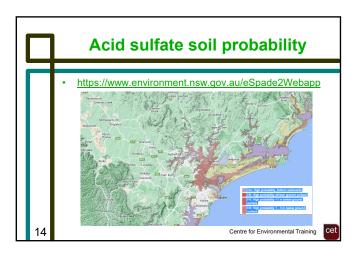
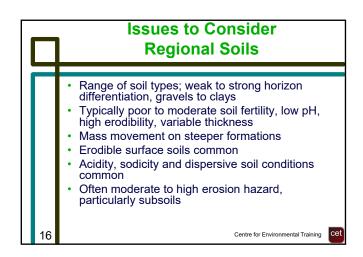


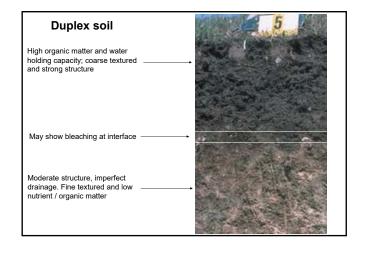
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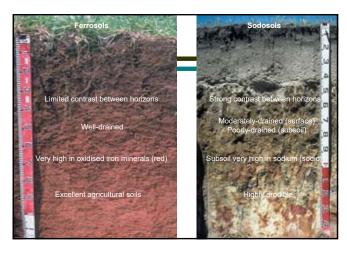




Project (E&SC) Planning • Both short- and long-term impacts must be considered: - Identify site limitations (soils, topography, water and vegetation) - Identify on-site and off-site values - Identify legislative/regulatory requirements - Identify areas of risk (or opportunity?) - Define project extent allowing sufficient area to achieve environmental goals.

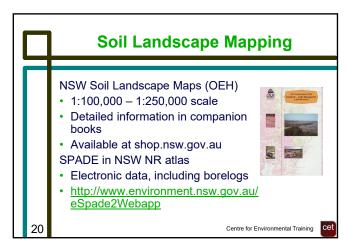


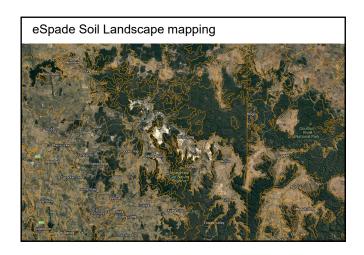


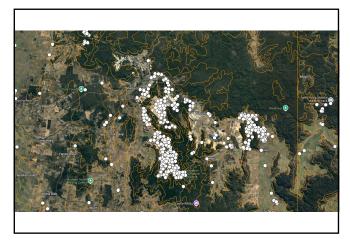


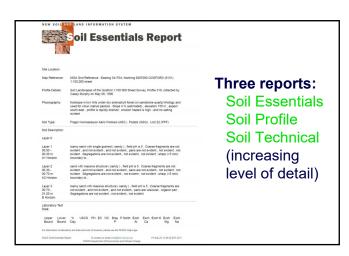


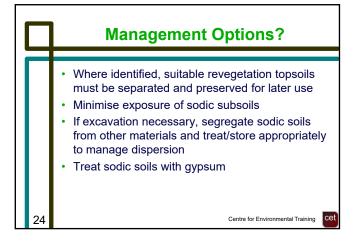




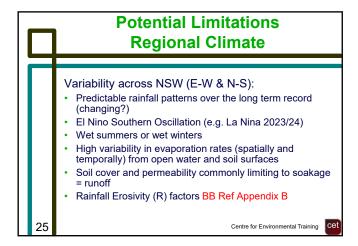


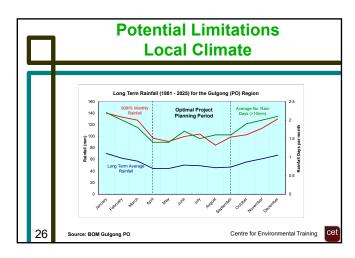






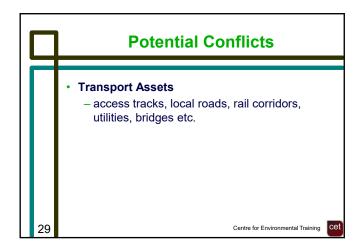
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Potential Limitations Site Hydrology Urban stormwater systems Flood dynamics variable (spatially and temporally) Runoff close to 100% on impervious surfaces (urban); low time of concentration Drainage on and around your construction site — where will the water go?

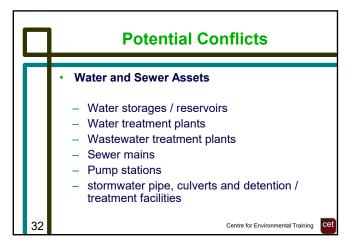




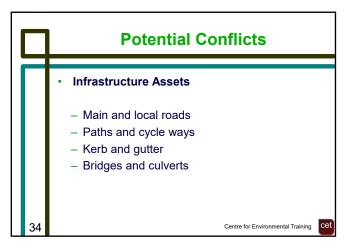
















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Endangered List NSW Species • 611 terrestrial plants, 124 birds, 44 reptiles, 28 amphibians, 25 marsupials, 21 bats, 16 invertebrates, 13 rodents, 11 fungi/algae/lichens, 7 marine mammals, 4 aquatic plants Populations (localised areas) • 20 plants, 17 animals Ecological Communities • 102

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Program critical works during times of 'low probability' for extreme weather conditions Plan to 'avoid' difficult materials or conditions if possible Store problematic materials (dispersive/sodic soils) well away from potential areas of impact (i.e. inundation or further disturbance) Maintain maximum surface cover (natural or installed) of exposed areas Minimise the use of temporary measures (i.e. stream crossings, stockpiles etc.)