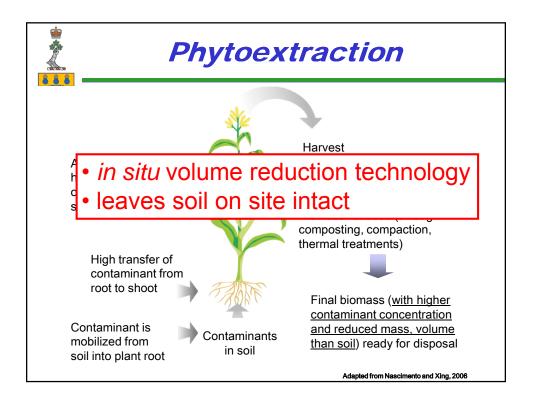
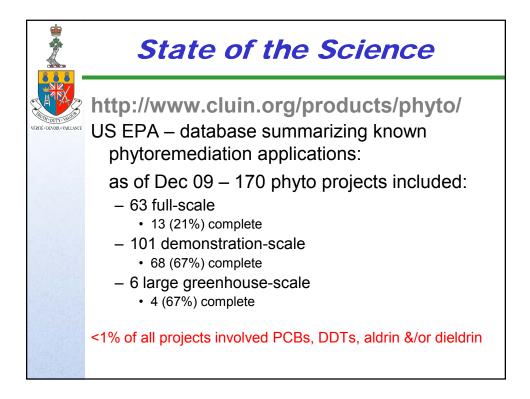
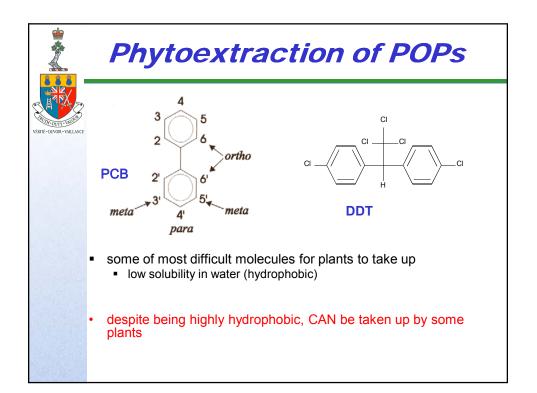
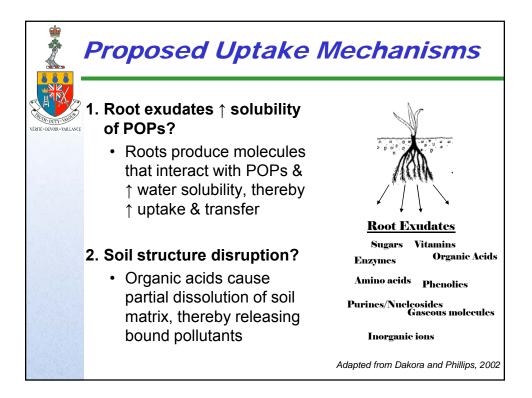


<i>5 Broad Categories</i>			
Nechanism	Process Goal	Media	Typical Contaminants
Phytostabilization	Containment	Soils, sediments, sludges	As, Cd, Cr, Cu, Pb, Zn
Enhanced Rhizosphere Biodegradation	Remediation by destruction	Soils, sediments, sludges, groundwater	TPH, PAHs, BTEX, pesticides, chlorinated solvents, PCBs
Phytoextraction	Remediation by extraction and capture	Soils, sediments, sludges	Ag, Au, Cd, Co, Cr, Cu, Hg, Mn, Mo, Ni, Pb, Zn, Radionuclides
Phytodegradation ,	Remediation by destruction	Soils, sediments, sludges, ground and surface water	Organic compounds, chlorinated sovents, phenols, pesticides, numitions
Phytovolatilization	Remediation by extraction from media and release to air	Soils, sediments, sludges, groundwater	Chlorinated solvents, MTBE, Se, Hg, As









	Advantages	
VERIE - DEVOIR + VAILANCE	 Safety Minimized emissions & effluent, low secondary waste volume Control erosion, runoff, rain infiltration & dust emissions Ecological Habitat creation, promotes biodiversity Sequesters greenhouse gases (CO₂) Public / Regulatory Acceptable brownfields applications Aesthetics, green technology Increasing regulatory approval & standardization 	
	 Multiple & mixed contaminants & media Low maintenance, passive, <i>in situ</i>, self-regulating Solar-powered, energy efficient Remote operation, large areas 	

