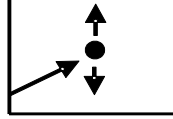
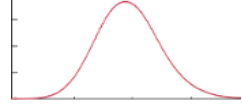
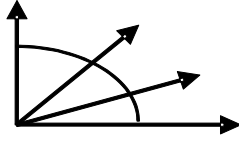
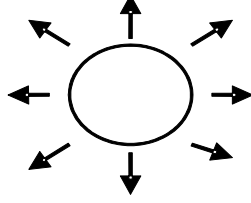

Bridging the Gap Between the Futures Field and Policymaking*

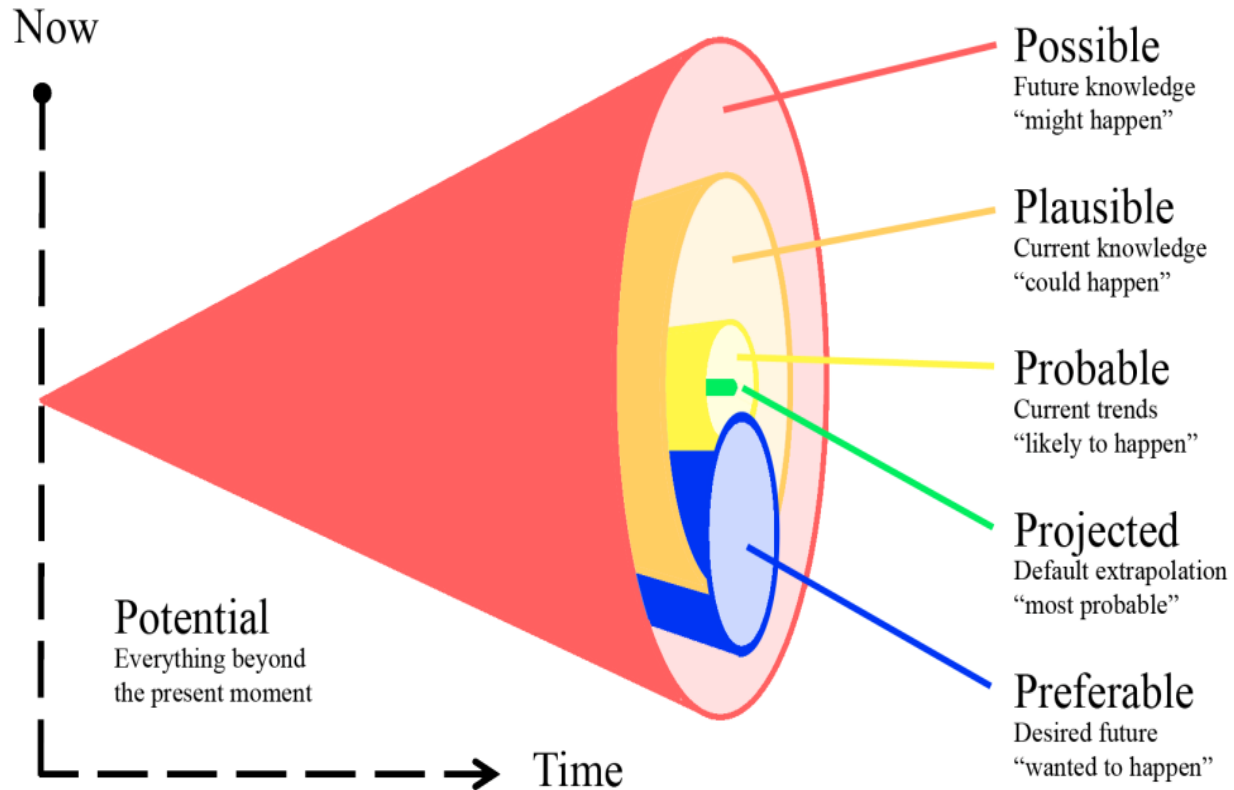
**Warren E. Walker
14 November 2017**

Levels of Uncertainty*

		LEVEL					
		Level 1	Level 2	Level 3	Level 4		
LOCATION	Context (X)	Complete Certainty	A clear enough future 	Alternate futures (with probabilities) 	A multiplicity of plausible futures 	Unknown future 	Total ignorance
	System Model (R)		A single (deterministic) system model	A single (stochastic) system model	Several system models, with different structures	Unknown system model; know we don't know	
	System Outcomes (O)		A point estimate for each outcome	A confidence interval for each outcome	A known range of outcomes	Unknown outcomes; know we don't know	
	Weights on outcomes (W)		A single set of weights	Several sets of weights, with a probability attached to each set	A known range of weights	Unknown weights; know we don't know	

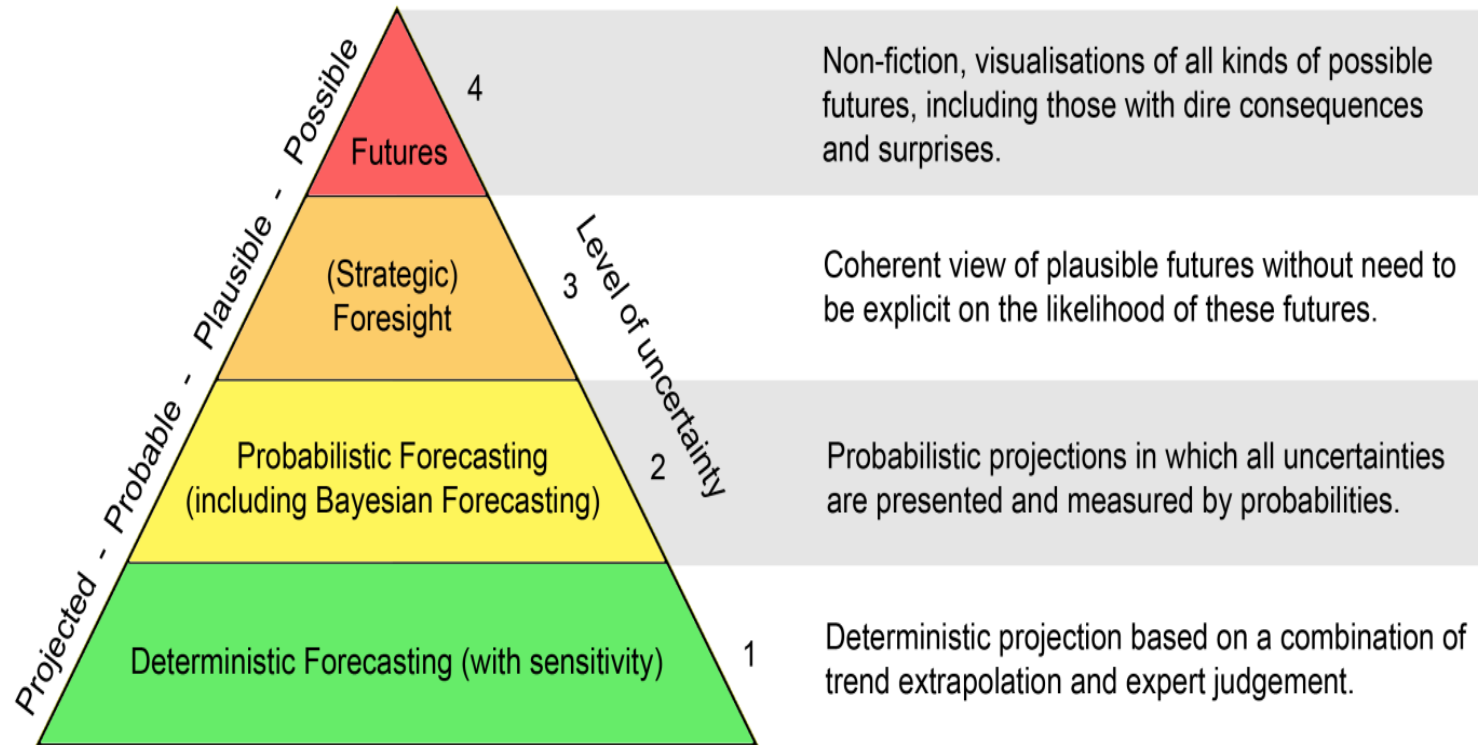
* Walker, W.E. (2011). "Policy Analysis, 1962-2012: From Predict and Act to Monitor and Adapt", farewell lecture at TU Delft, 19 October 2011.

Voros' Futures Cone*



* Voros, J. (2003). A generic foresight process framework. *Foresight*, 5(3), 10-21.

Futures Pyramid*



* van Dorsser, C., W. Walker, P. Taneja, V. Marchau, "Bridging the gap between the futures field and policymaking", submitted to *Futures*.