

## Systemist Attitudes and Systems Tree Roots

*a framework for systems thinking*

### Concepts for better insight into decision-making (intention to act or not act)

<b>Attitudes</b>	Perceives	<ul style="list-style-type: none"> <li>Delimits</li> <li>Sees the big picture</li> <li>Changes the viewpoint</li> <li>Discerns significant details in the big picture</li> </ul>
	Detects the influences	<ul style="list-style-type: none"> <li>Is attentive to (facts and people)</li> <li>Looks for influential factors</li> <li>Anticipates the effects</li> <li>Identifies possible leverage</li> <li>Seeks for implicit needs</li> </ul>
	Seeks to Understand the System	<ul style="list-style-type: none"> <li>Pictures the system</li> <li>Identifies stocks and flows</li> <li>Observes changes along the life cycle</li> <li>Imagines scenarios</li> </ul>
	Reassesses	<ul style="list-style-type: none"> <li>Reconsiders the mental models</li> <li>Accepts the uncertainty of a situation</li> <li>Looks for alternatives, other options</li> </ul>

### Essential aspects to gain a complete understanding of the system of interest

<b>Roots</b>	Togetherness	<ul style="list-style-type: none"> <li>Integrity</li> <li>Boundary</li> </ul>
	Structure	<ul style="list-style-type: none"> <li>Components</li> <li>Hierarchy</li> <li>Network</li> </ul>
	Relationships	<ul style="list-style-type: none"> <li>Dependencies</li> <li>Influences</li> <li>Interactions</li> </ul>
	Behaviour	<ul style="list-style-type: none"> <li>States</li> <li>Patterns</li> <li>Dynamics</li> <li>Cycles</li> </ul>
	Purpose	<ul style="list-style-type: none"> <li>Drivers</li> <li>Functions</li> <li>Inputs</li> <li>Outputs</li> </ul>
	Context	<ul style="list-style-type: none"> <li>Circumstances</li> <li>Needs</li> <li>Stakeholder Perspectives</li> <li>Emergence</li> </ul>