	Elements of the ODD protocol
Overview	1. Purpose and patterns
	2. Entities, state variables, and scales
	3. Process overview and scheduling
Design concepts	4. Design concepts
	Basic principles
	• Emergence
	Adaptation
	Objectives
	• Learning
	• Prediction
	• Sensing
	• Interaction
	Stochasticity
	• Collectives
	Observation
Details	5. Initialization
	6. Input data
	7. Submodels