



33rd Annual **INCOSE**
international symposium

hybrid event

Honolulu, HI, USA
July 15 - 20, 2023



Decision Analysis Data Model

Furture of Decision Analysis Panel

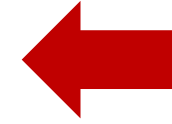
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University of Arkansas

Patterns and Levels

System 3 Expert SE Guidance on Decision Management

*(Models of System 2 Methods, Strategies, Processes, Information--
both generic configurable DADM pattern and tailored (configured) DADM.)*

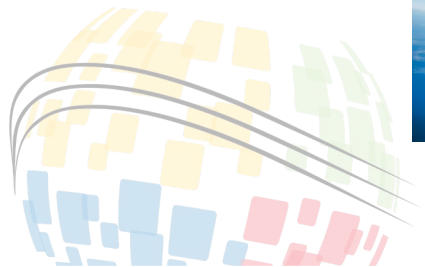
Decision
Analysis Data
Model (DADM)



System 2 Implemented Decision Management strategy, processes, procedures, information, managing the system of interest in the (System 1) life cycle.

*(Real Occurring Methods, Strategies, Processes, Information,
People, Hardware, Software, Activities in process)*

System 1 The system of interest under development.

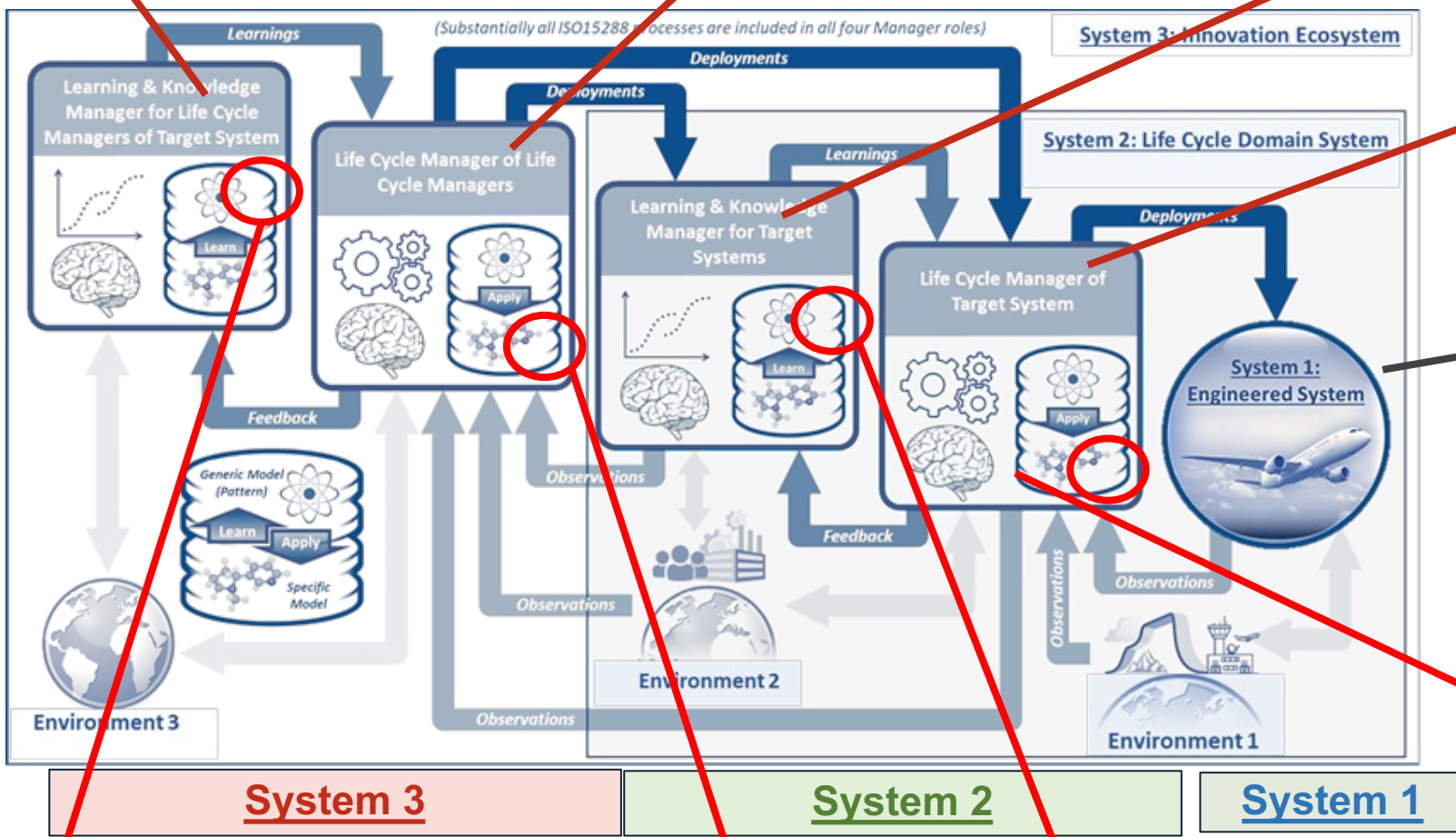
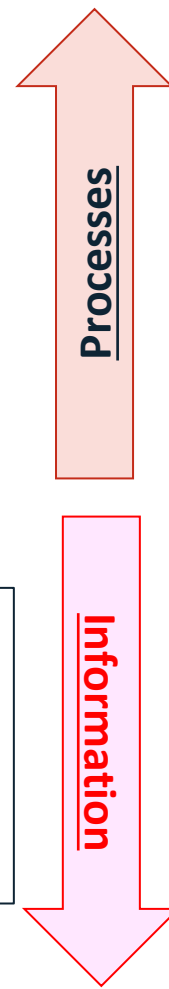


DA Examples: Enging School; Book Author; INCOSE DAWG; Enterprise DA Process Owner

DA Examples: Dept Planner; Project Planner; Decision Process Planner

DA Examples: Decision Maker for a General Family of Aircraft; Actual Decision-Making Activity

DA Examples: Decision Maker for a Specific Aircraft Configuration; Actual Decision-Making Activity



Examples: Real flyable aircraft, landing gear, bearings, avionics.

26th Annual INCOSE International Symposium (IS 2016)
Edinburg, Scotland, UK, July 18-21, 2016

Introduction to the Agile Systems Engineering Life Cycle MBSE Pattern

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DA Examples: Configurable, Re-usable DADM Pattern

DA Examples: Tailored (Configured) DADM for a Project or Decision

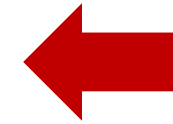
DA Examples: Actual Aircraft DADM Information Instances Relevant for Decision on Aircraft Family

DA Examples: Actual Aircraft DADM Information Instances Relevant for Decisions on a Specific Aircraft Configuration

Sources of System 3 Knowledge for DADM

System 3

Expert SE Guidance on Decision Management



Decision
Analysis Data
Model (DADM)

