

# SEAD: Striking a Balance between Unique and Shared Requirements



SEAD

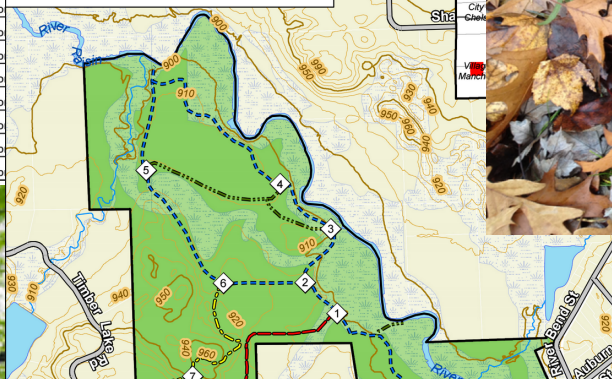
Sustainable Environment  
Actionable Data

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SEAD | <http://sead-data.net/>

# SEAD Provides Data Services for Sustainability Science

		Temperature	leaf litter depth	leaf litter content	leaf litter weight	soil observations
	sample	C	mm	types: description	grams	description
previously farmed	1	22.8	7	maple, oak	15.72	compact
previously farmed	2	22.8	8	maple, oak	14.7	compact
previously farmed	3	22.8	7	maple, oak	22.15	compact
previously farmed	4	23	7	maple, oak	11.12	compact
previously farmed	5	22.7	9	maple, oak	8.26	compact
previously farmed	7	22.7	10	maple, oak	11.4	less compact
previously farmed	8	22.7	9	maple, oak	33.95	less compact
previously farmed	9	22.8	7	maple, oak	17.23	compact
previously farmed	10	23.2	6	maple, oak		
existing forest	11	23.9	7	maple, oak, beach, hicko		
existing forest	12	24	8	maple, oak, beach, hicko		
existing forest	13	24.1	7	maple, oak, beach, hicko		
existing forest	14	23	7	maple, oak, beach, hicko		
existing forest	15	21.8	9	maple, oak, beach, hicko		
existing forest	16	21.8	8	maple, oak, beach, hicko		
existing forest	18	22	9	maple, oak, beach, hicko		
existing forest	19	21.9	7	maple, oak, beach, hicko		
existing forest	20	22	6	maple, oak, beach, hicko		

**Leonard Preserve Trail Map**  
259 acres



# **Broadly Useful Infrastructure Depends on Satisfying Shared Needs**





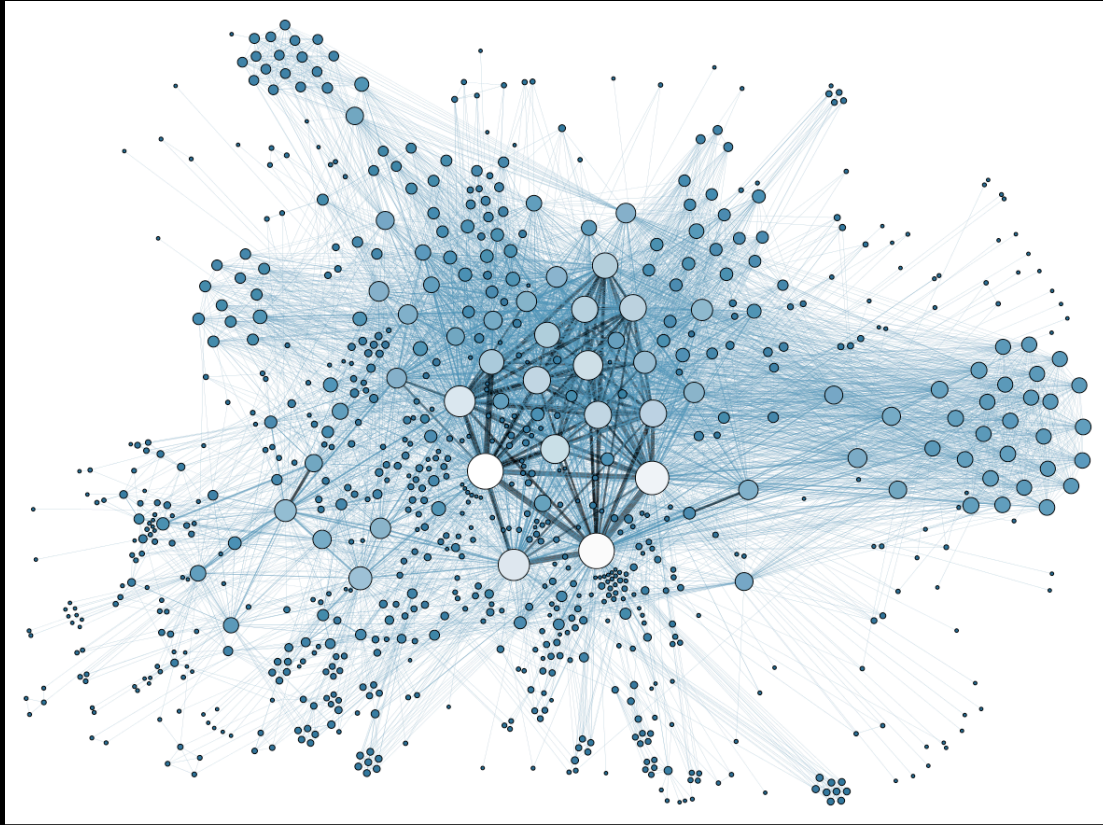
# **...While Also Enabling Unique Variations**





## A circular diagram with a central hub. The hub is divided into two white, curved sections. The top section contains the word "Metadata" in black, sans-serif font. The bottom section contains the word "Madness" in black, sans-serif font. Surrounding the hub is a ring of colored segments. Each segment contains a label for a metadata standard or concept. Starting from the top and moving clockwise, the labels are: "MARC", "&lt;dc&gt;", "&lt;rdf:RDF&gt;", "&lt;mets&gt;", "folksonomy", "&lt;dc&gt;", "&lt;rdf:RDF&gt;", "MARC", "&lt;dc&gt;", "&lt;rdf:RDF&gt;", "&lt;mets&gt;", and "folksonomy". The segments are colored in a repeating pattern of red, yellow, green, and blue. The entire diagram is set against a black background.

# Another Key Area of Variance is Analysis Tools



# Requirements for Data Repurposing Are Less Well Understood

