

11/10/2021

Minnesota State Colleges and Universities

Data Democratization to Advance Equity 2030

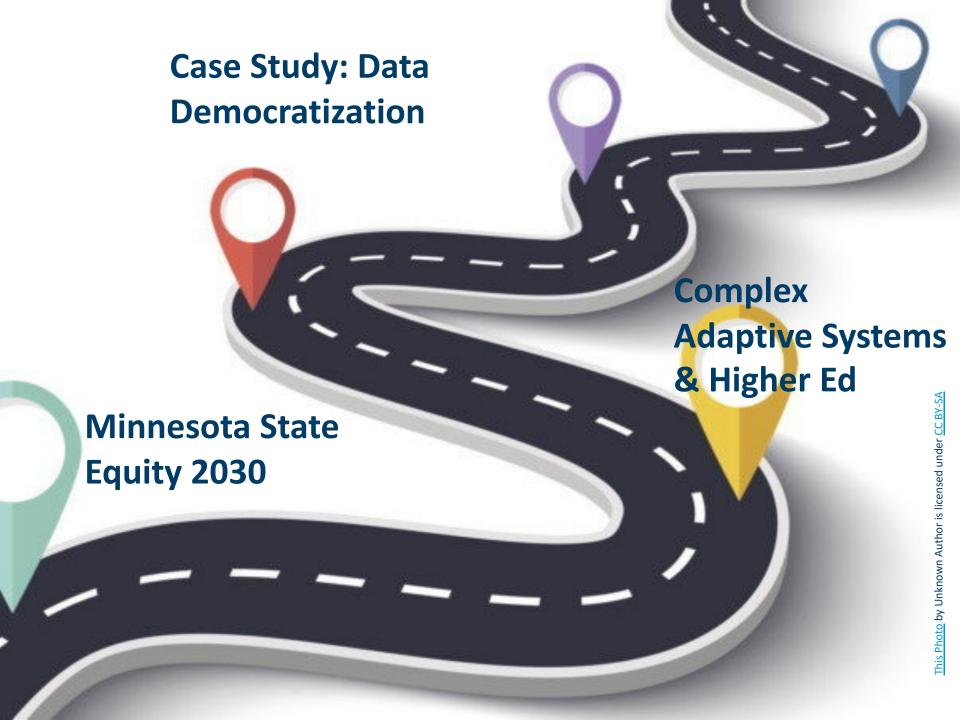
Equity at the Edge of Chaos

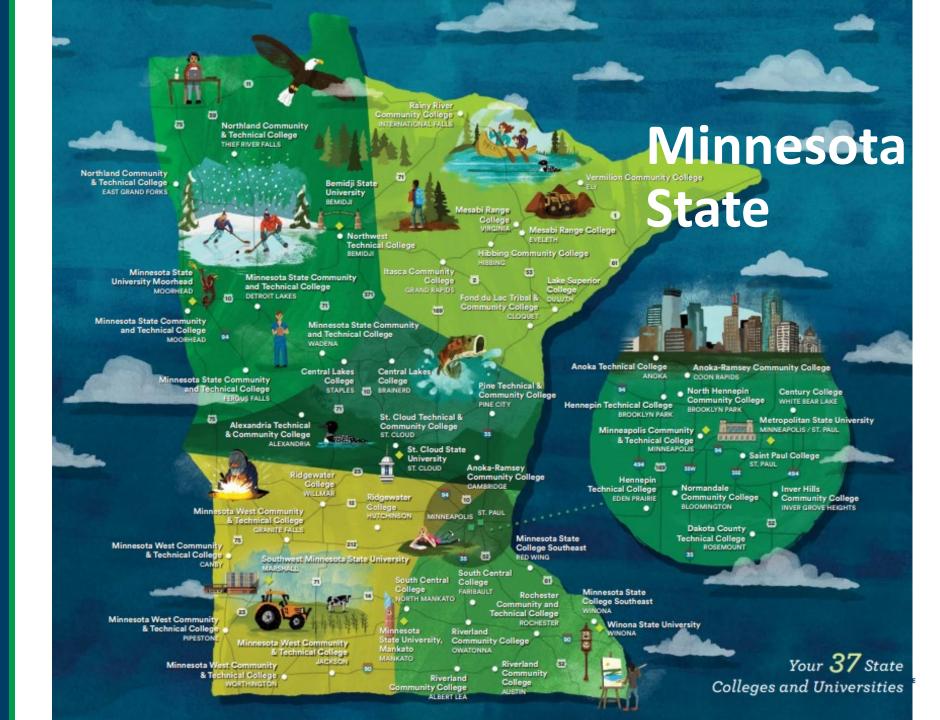
MINNESOTA STATE

Land Acknowledgement

Minnesota State acknowledges the land and the tribal nations upon whose land this work is being accomplished. We acknowledge that we work on Anishinaabe (Ojibwe) and Dakota land and are presenting today on Piscataway land.





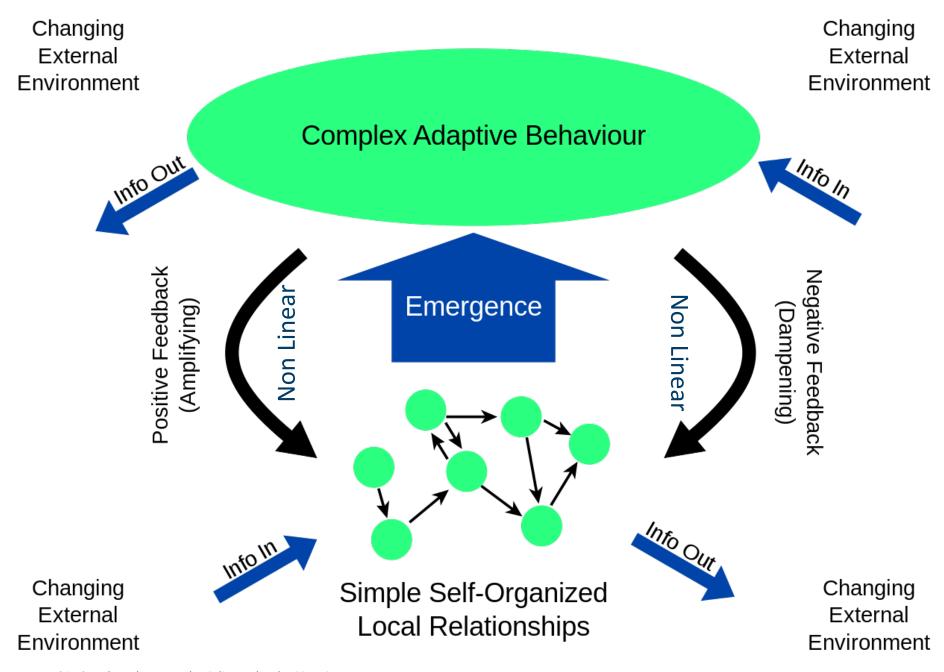


The Equity 2830 Goal

Eliminate the educational equity gaps for first-generation students, low-income students, indigenous students and students of color at every Minnesota State college and university.









CAS Characteristics in Higher Ed

CAS characteristic	General definition	Higher Ed example
Networks	Internal & external interactions	Faculty in internal departments, external professional associations
Nonlinearity	Nonlinear cause and effect	Inability to scale boutique programs
Self- organization	More complex orgs create their own infrastructure	Shared governance models
Feedback loops	Positive or negative; maintains stasis	Changes in environment (COVID-19) or field (corequisite dev ed)

CAS Characteristics in Higher Ed

CAS characteristic	General definition	Higher Ed example
Path dependency	Historical processes	"We've always done it this way."
Co-evolution	Changes in one system that cause changes in another	Student food insecurity leading to campus food pantries
Emergence	Niche experiments that prompt system change	ED experimental sites
Attractor	A state to which CAS are drawn due to internal & external rules	Status quo Equity 2030





Negative
Feedback Loops:
Legal &
Regulatory
Environment



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Emergence: Power Bl Report

Power BI Tool: A different approach



Networks & Co-evolution











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