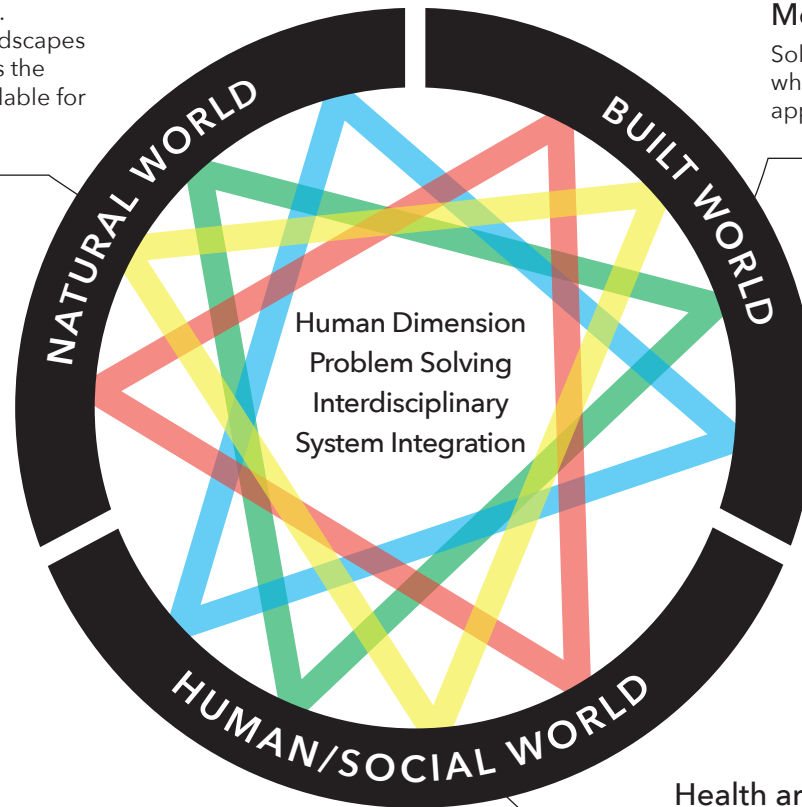


Water, Energy, and more

Solutions for sustainable resource utilization including energy, water, land, forest, and mineral resources. Access to extensive local natural habitats and landscapes with unique environmental characteristics such as the great lakes and seasonal weather conditions available for study and use as dynamic laboratories.


Mobility and Autonomy

Solutions for resilient and connected infrastructure which support innovations in development and application of autonomy and mobility.




Health and Quality of Life

Solutions for the betterment of society that span the boundary between humankind and technology toward a longer and more fulfilling life and livelihood.

 Data Revolution and Sensing

 Policy, Ethics, and Education

 Sustainability and Resiliency

 Advanced Materials and Manufacturing