

How is your inter-disciplinary integration going?

- Promote - dialogue using questions that matter to participants in this place
- Utilize - processes and images to bring collective understanding and increasing focus
- Engage - by using design to link knowledge creation and changing landscapes

- 1. Existing Data
 - The past and present landscape: what is relevant about the existing landscape and its past?
- Formulate Hypotheses
 - Alternative future landscapes: how should the landscape change?
- New Data
 - Alternative future landscapes: what is relevant about how the landscape could be?
- Test Hypotheses
 - Evaluation of alternative landscape patterns: how does their performance compare?

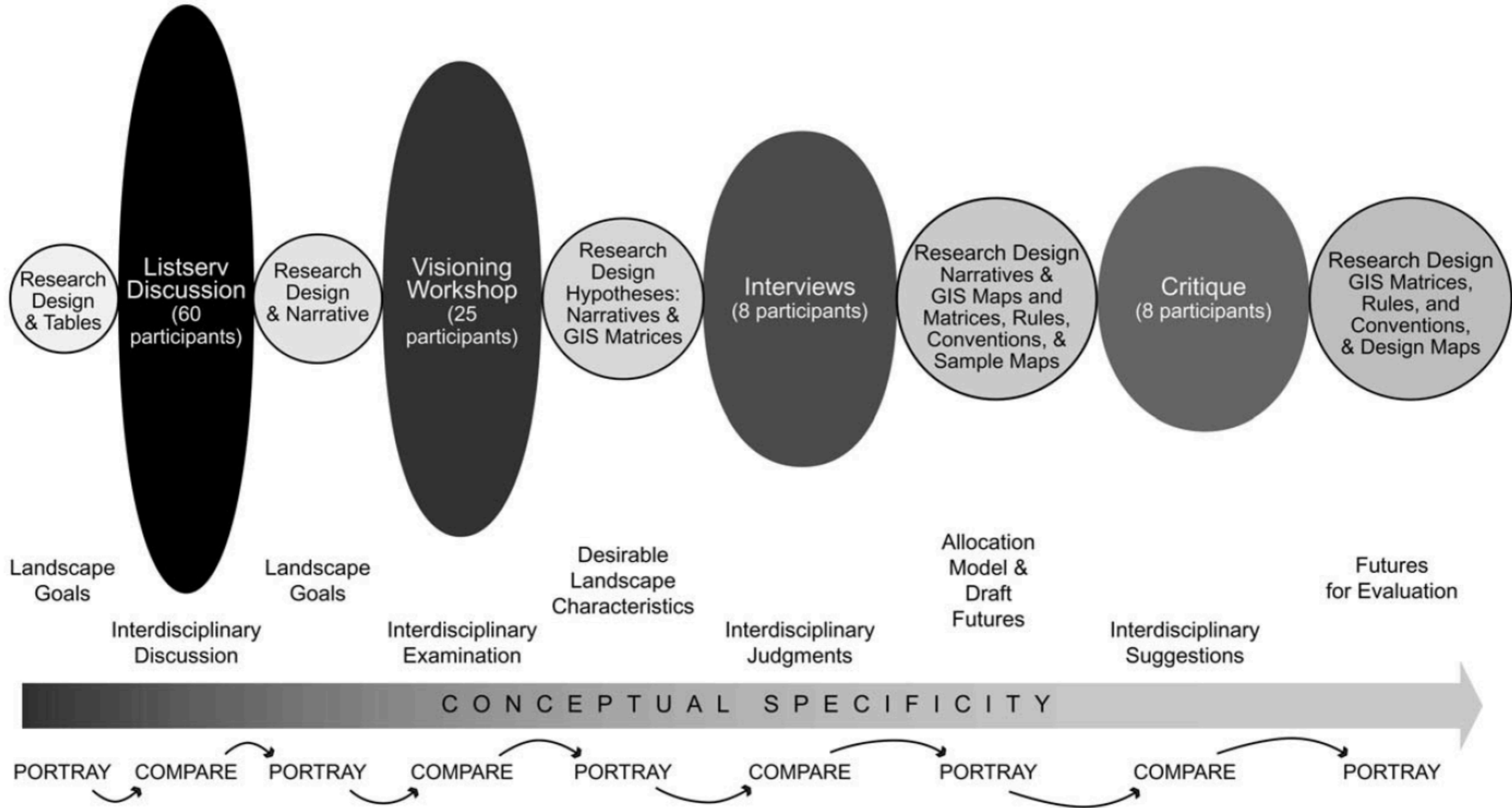
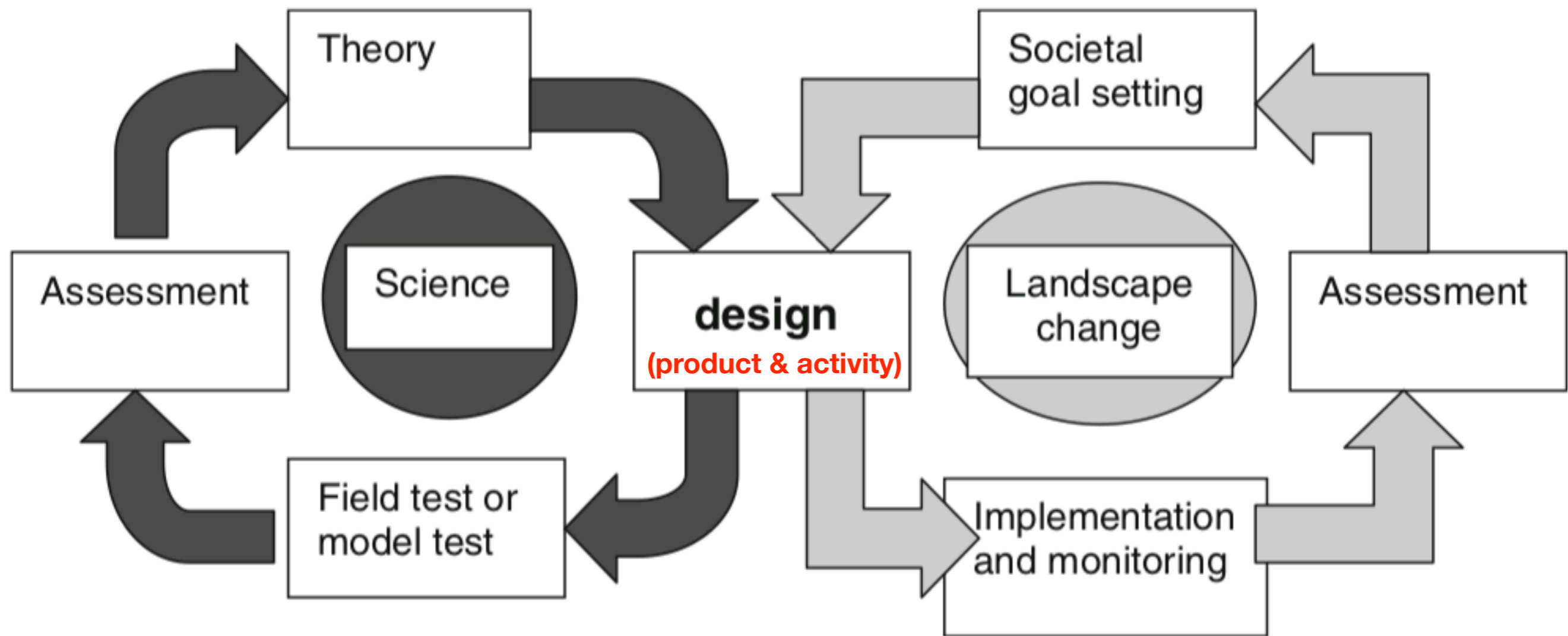


Figure 1. The iterative process we used to identify policy goals, propose desirable landscape characteristics, and develop landcover allocation models for Corn Belt agriculture landscape futures in 2025.



Design as a link between science and landscape change

Nassauer & Opdam, 2008, DOI 10.1007/s10980-008-9226-7

“This relationship also can be described as two knowledge creation activities **linked by design** as the common activity, in which **scientists and practitioners work together to create and revise knowledge to guide landscape change**” (p. 636)