

# Regional Industry Cluster Analysis

## Using Spatial Concepts

### I. Overview

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Pre-Conference Training

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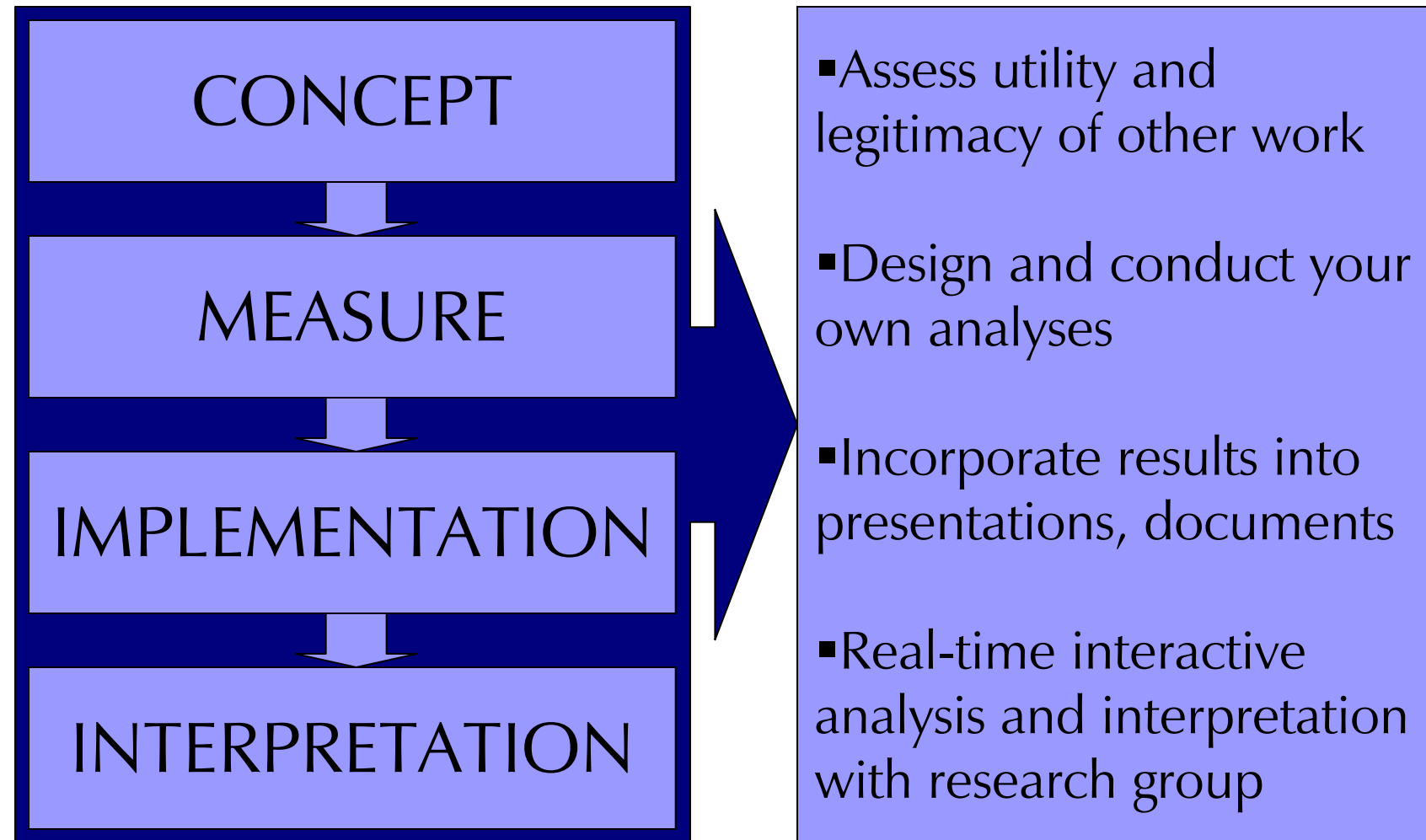
# Learning objectives

- Industry cluster analysis as a kind of regional exploratory spatial economic base analysis (ESEBA)
- Importance of conceptualizing space
- Strengths and weaknesses of alternative measures in ESEBA
- Implementation: ESEBA using *GeoDa*
- Construction and interpretation of spatial autocorrelation metrics
- Added value of ESEBA over EBA

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# What will you walk away with?

- A deeper understanding of the industry cluster concept
- Some appreciation for range of methods that can generate insights into your economy
- Knowledge to help you commission, monitor and evaluate cluster studies
- The knowledge and skills necessary to analyze cluster geography

*Hey! Why isn't the last one first?*

# Session organization

- Module 1: Introduction to cluster idea
- Module 2: Industrial interdependence
- Module 3: Conceptualizing space
- Module 4: Analyzing space as a container
- Module 5: Using space as an indicator
- Module 6: Geography of US value chains
- Module 7: Geography of vehicles

# Schedule

|                                    |                |
|------------------------------------|----------------|
| Overview and Introductions         | 8:30-8:45 am   |
| Module 1: Cluster idea             | 8:45-9:15 am   |
| Module 2: Industry linkages        | 9:15-10:00 am  |
| Break/Extra Q&A                    | 10:00-10:15 am |
| Module 3: Conceptualizing space    | 10:15-11:00 am |
| Break/Extra Q&A                    | 11:00-11:15 am |
| Module 4: Space as container       | 11:15-11:30 am |
| Module 5: Using space as indicator | 11:30-12:30 pm |
| Lunch                              | 12:30-1:30 pm  |
| Module 6: Value chain geography    | 1:30-3:00 pm   |
| Break/Extra Q&A                    | 3:00-3:15 pm   |
| Module 7: Vehicle geography        | 3:15-3:45 pm   |
| Wrap up                            | 3:45-4:00 pm   |