Geoprocessing application in regional planning decision support system

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Outline

- Background
- Regional Decision Maker
- Industry and occupation cluster data elements
- What is geoprocessing?
- Creating geoprocessing services
- Online demo
Background of Cluster Projects

- Industry cluster grant, EDA, 2005-2007
  - PCRD (Purdue University, PI)
  - IBRC (Indiana University)
  - SDG

- Occupation cluster grant (3 tools), EDA, 2007-2009
  - PCRD (Purdue University, PI)
  - IBRC (Indiana University)
  - RUPRI (University of Missouri)
  - SDG
  - EMSI
EDA University Center, 2011-2016

EDA 5-year grant includes significant inputs from the Regional Decision Maker team and will require some new directions and tools to be developed, for example:

- Capacity for custom regional aggregation
- Additional data to support entrepreneurship and innovation support networks
- Connect land use, transportation and natural resources to clusters to enhance identification of distribution, value- and supply-chain opportunities
- Training for “Indiana Association of Regional Councils” members
RDM – Regional Decision Maker

• Designed to help in regional planning

• Offers a variety of GIS-based tools