

# INFRASTRUCTURE, DATA SHARING, AND DATA REUSE IN THE SCIENCES: THE CASE OF DATAONE

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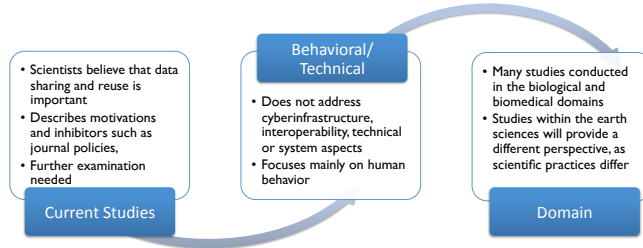
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## OVERVIEW

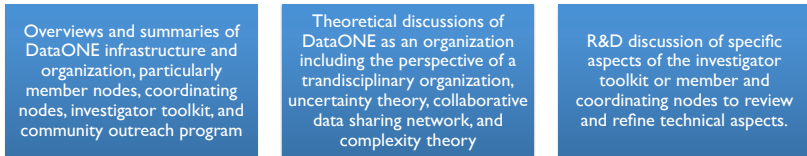
- Dissertation Research (proposal in progress)
- Mixed-Methods Approach
- Test Environment, DataONE
- Examines infrastructure factors that facilitate or interfere with data sharing and reuse
- Provides feedback for creating cyberinfrastructure for data sharing and reuse

## BACKGROUND LITERATURE AND RATIONALE

### Data Sharing Literature



### DataONE Literature



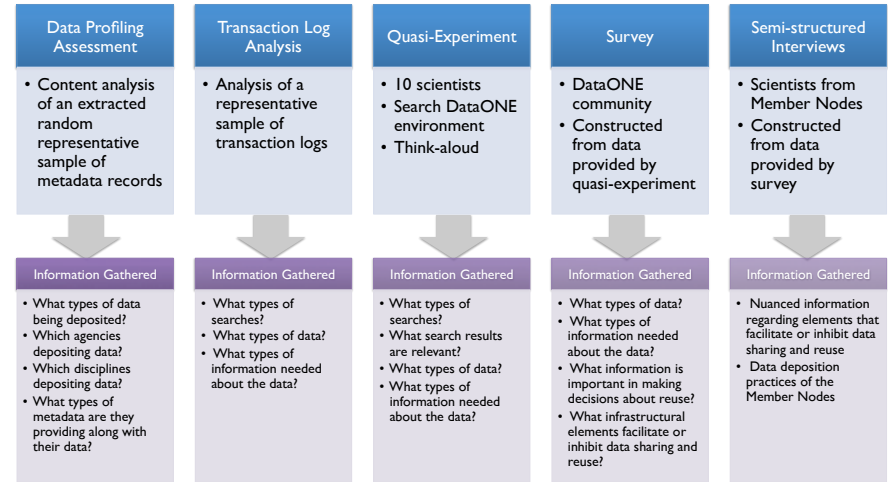
## RESEARCH QUESTIONS

What factors facilitate or inhibit data sharing and reuse in the sciences?

Within the DataONE environment, what infrastructure factors facilitate or inhibit data sharing and reuse?

## PLANNED RESEARCH METHODS

### Mixed-Methods Approach



## PLANNED DATA ANALYSIS



## NEXT STEPS & TIMELINE



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DataONE