

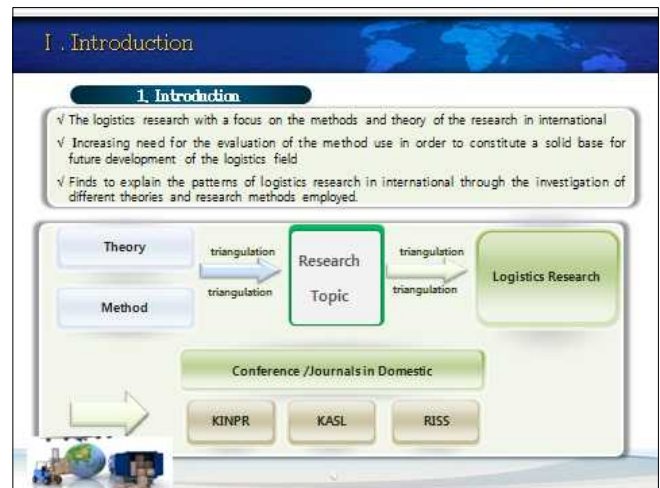
# 국내 물류연구 방법론에 관한 연구

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**Abstract :** *The purpose of this research is to provide the logistics research with a focus on the methods and theory of the research. This paper finds to explain the patterns of logistics research in domestic through the investigation of different theories and research methods employed. A analysis of methods in selected topics allows published research of the logistics to be categorized. Research classified into integrated table by each theory, research topic, methodology and triangulation. Study presented a variety of research paradigms in logistics and contributed to the current literature by providing an outlook of the logistics research.*

**Key words :** *domestic, logistics, research methods, theory, relevance*



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## II. Conceptual Approach of Theory and Method

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### Theories

Nº	Theory	Nº	Theory	Nº	Theory
1	Resource-Based View	7	Social Exchange	13	Risk Management
2	Transaction Cost Economics	8	Network	14	Contingency
3	Systems Theory	9	Relationship Management	15	Collaboration
4	General Inventory Theory	10	Innovation	16	Inter-organizational Relationship
5	Relational View	11	Value Chain	17	Integration
6	Relationship Marketing	12	Competitive Advantage/ Strategy	18	Culture/ Organizational Culture

## II. Conceptual Approach of Theory and Method

### Methods

Nº	Method	Nº	Method	Nº	Method
1	Case study	8	Experimental design	15	Mathematical modeling
2	Observation	9	Data analysis	16	Document analysis
3	Interview	10	Action research	17	Repertory grid technique
4	Survey	11	Grounded theory	18	Focus group
5	Content analysis	12	Simulation	19	Experiment
6	Delphi technique	13	Modeling	20	AHP
7	Rubrics	14	Participant narratives/journals	21	Participant counters

## III. Theory-Method Relevance in Logistics Research

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### Example of published articles in logistics research

Research topic	Method	Theory
Logistics salience impact on logistics capabilities and performance	*Survey data *Modeling	Resource-based view
Evaluating the Supply Chain Role of Logistics Service Providers	*Case study	Transaction Cost Economics
A structural equation model assessment of logistics strategy	*Empirical data	Logistics management/ supply chain management
Logistics evolution: a comparison of military and commercial logistics thought	*Content analysis	Exploratory
An empirical study comparing Guatemalan and United States logistics strategies	*Data analysis *Empirical data	Logistics and SC management strategies
Task-technology fit for reverse logistics performance	*Survey data	Logistics literature
A comparison of the effect of logistic strategy and logistics integration on firm competitiveness in the USA and China	*Data analysis *Confirmatory fact or *Modeling	Comparative logistics/ supply chain management
Using-business to enable customized logistics sustainability	*Case study	Collaboration
Diffusion of green supply chain management: Examining perceived quality of green reverse logistics	*Survey data	Resource-advantage theory

## III. Theory-Method Relevance in Logistics Research

### Integrated analysis of method-theory relevance

Theory	Research topic	Methods	Triangulation
Resource-Based View	*SC Integration *SC Relationships *SC Purchasing *SC Sustainability	*Case Study *Observation *Interview + Survey *Content analysis *Delphi technique *Case Study	*Interview + Survey *Content analysis + Survey *Delphi + Data analysis
Transaction Cost Economics	*SC Relationships *Innovation *SC Sustainability *Outsourcing	*Experimental Design *Data analysis *Observation *Interview *Survey *Action Research	*Interview + Survey *Observation + Data analysis
Systems Theory	*Transport Management *Inventory Management *Humanitarian Logistics *Logistics Information / Knowledge	*Case Study *Grounded Theory *Interview *Simulation *Experiment *Observation *Modeling	*Experiment + Simulation *Observation + Interview *Interview + Document analysis
General Inventory Theory	*Inventory Management *Bullwhip Effect	*Mathematical modeling *Simulation *Interview *Survey *Data analysis	*Interview + Survey *Mathematical modeling + Simulation + Data analysis
Relational View	*SC Relationships *Supplier Selection *SC Strategy	*Survey *Interview	*Survey *Interview
Relationship Marketing	*SC Relationships *Networks/Alliances *Logistics Service Providers	*Grounded Theory *Survey *Document analysis *Interview	*Document analysis + Survey *Interview + Document analysis

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## IV. Conclusion

### Conclusion

- ✓ Logistics researchers have widely borrowed theories from strategic management, economics and marketing.
- ✓ Qualitative methods principally interview, document analysis and observation in combination with quantitative methods are employed.
- ✓ Survey research is still the predominant method used in logistics studies.
- ✓ Study intends to shed light on the application of triangulation in the logistics field by demonstrating the links between the theory use and the research methods use.
- ✓ Study stimulates increased attention among scholars in understanding the methodology
- ✓ Relevance between the theory and research methods use in the logistics research

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