

Economic Impact of Infrastructure Changes Literature Review

Review one of the following articles (two students will review each paper) and write an essay critiquing the paper. Answer the following questions:

Document	Student 1	Student 2
http://www.calinfrastructure.org/pdf/economic_impact_of_funding.pdf	Abdalla, Salam A	Huang, Shiang-Ping
http://www.portofportland.com/PDFPOP/Trade_Trans_Studies_CostHwy_Lmntns.pdf	Baronina, Indre	Mahoney, Seth R
Economic impacts of transportation network changes: Implementation of a combined transportation network and input-output model. Papers in Regional Science, V 81 (2) April 2002	Bell, John L	Marsters, Andrew T
REGIONAL AND LOCAL ECONOMIC IMPACTS OF TRANSPORTATION INVESTMENTS, Transportation Quarterly, 4 (4) Huddleston, J R Pangotra, P P	Booth, Christian	Ogg, Anderson J
http://onlinepubs.trb.org/onlinepubs/circulars/circular477.pdf	Bradbury, Kate Elise	Piller, Andreas
Transportation Research Part A: Policy and Practice Volume 28, Issue 4, July 1994, Pages 329-341 Spatial economic impacts of transport infrastructure supply Piet Rietveld	Dershowitz, Benjamin Charles	Ren, Yan
Blum, 1982. U. Blum, Effects of transportation investments on regional growth. Papers of the Regional Science Association (1982), pp. 151–168.	Evenson, Jeff	Rowell, Maureen K
Wilson et al., 1982. F. Wilson, A. Stevens and T. Holyoke, Impact of transportation on regional development. Transportation Research Record 851 (1982), pp. 13–16.	Ghanem, Mohamed A	Thompson, James
Freight Travel Demand Modeling: Synthesis of Approaches and Development of a Framework Transportation Research Record: Journal of the Transportation Research Board Volume 1725 / 2000 9-16	Graunke, Adam A	Wall, Alexander P
http://ops.fhwa.dot.gov/freight/freight_analysis/freight_story/costs.htm	Henriksen, Simon S	Wang, Yihong
Goodchild, A., Globerman, S., and S. Albrecht (2008). Service Time Variability at the Blaine, Washington International Border Crossing and the Impact on Regional Supply Chains. Transportation Research Record: Journal of the Transportation Research Board, No. 2066, pp. 71-78.	Houston, Michael	Ye, Jin

Evaluating the paper

- How does the article attempt to quantify the costs and benefits of infrastructure changes? Empirical data collection? Modeled relationships?
- Does the author take an aggregate, or disaggregate approach (are they modeling individual supply chain activity, or the aggregate traffic stream)?
- What is your opinion of the value of this approach? What are the strengths? What are the weaknesses?
- Can the method used by the author transfer to other problems? What are your concerns about this?