

# Optimal Evacuation Plans for Network Flows over Time Considering Congestion

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Virginia Polytechnic Institute and State University  
in partial fulfillment of the requirements for the degree of

Doctor of Philosophy  
in  
Industrial and Systems Engineering

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congestion, evacuation planning, capacity drop

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## Ed Chamberlayne

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**From:** Matt Hardy [mhh2424@gmail.com]  
**Sent:** Thursday, April 21, 2011 8:04 PM  
**To:** Ed Chamberlayne  
**Subject:** Re: Permission to use a figure

**Categories:** Hokies

Permission granted! Let me know if you want the original powerpoint file.

I too am finishing my dissertation. I defend on April 26. Good luck with yours!

Matt

On Apr 21, 2011 6:25 PM, "Ed Chamberlayne" <[edchambe@vt.edu](mailto:edchambe@vt.edu)> wrote:

> Dear Mr. Hardy,

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>

> I am working on my dissertation in the area of evacuation modeling and  
> planning. I would like to include a figure that originally appeared in  
> "EVACUATION MANAGEMENT OPERATIONS (EMO) MODELING ASSESSMENT:  
TRANSPORTATION

> MODELING INVENTORY" (October 2007) within my dissertation. Specifically, it  
> is Figure 8: Evacuation Modeling Spectrum. I will, of course, reference the  
> original document when including the figure.

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> May I have your permission to do include this figure?

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> Thank you,

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> Ed

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