

## Penghui Guo

Nanjing University of Aeronautics and Astronautics  
29 Jiangjun Avenue, Nanjing  
Jiangsu, China 211106

Email: guopenghui@outlook.com  
Homepage: <https://guo.ph>

EDUCATION	<p><b>Ph.D. Student</b>, Management Science and Engineering Apr. 2019 - present <b>Nanjing University of Aeronautics and Astronautics</b>, Naging, China</p> <ul style="list-style-type: none"><li>• Concentrations: Logistics and Supply Chain Management</li></ul> <p><b>M.S.</b>, Management Science and Engineering Apr. 2019 <b>Nanjing University of Aeronautics and Astronautics</b>, Naging, China</p> <ul style="list-style-type: none"><li>• Concentrations: Disaster Operations Management</li><li>• Thesis: <i>Models and Algorithms for Post Disaster Rescue Route Optimization</i></li></ul> <p><b>B.S.</b>, Industrial Engineering Jul. 2015 <b>Henan Polytechnic University</b>, Jiaozuo, China</p>
RESEARCH INTERESTS	Logistics and Supply Chain Management, Disaster Operations Management, Optimization Modeling and Algorithms.
RESEARCH EXPERIENCE	<p>Project Supported by Foundation of Graduate Innovation Center in NUAA 2017</p> <ul style="list-style-type: none"><li>• Name of the Project: <i>Integrated Optimization for Large-scale Natural Disaster Emergency Rescue Location-Routing-Allocation Problem</i></li></ul>
PUBLICATIONS	<p>[1] <b>Guo,P.</b>, Zhu,J.*, Wang,H.(2019). Location-routing-allocation Problem with Consolidated Shipping of Heterogeneous Relief Supplies in Post-disaster Rescue. <i>Systems Engineering - Theory &amp; Practice</i>, 39(9),2345-2360. (Chinese journal)</p> <p>[2] <b>Guo,P.</b>, Zhu,J.*, Wang,H.(2018). Multi-location Emergency Rescue Route Optimization under the Condition of Natural Disaster Considering Safety and Time Cost. <i>Systems Engineering</i>, 36(6),62-70. (Chinese journal) (* represents the corresponding author)</p>
HONORS AND AWARDS	<ul style="list-style-type: none"><li>• 2nd Price of the 2nd National Innovation Copetition of Industrial Engineering and Lean Management May 2019</li><li>• Name of the Project: <i>Models and Algorithms for Emergency Rescue Location-Routing Optimization with Stochastic Demand</i></li><li>• Outstanding Postgraduate Student of Nanjing University of Aeronautics and Astronautics Jul. 2019</li><li>• 3rd Price of the 15th China Post-Graduate Mathematical Contest in Modeling Dec. 2018</li><li>• National Scholarship for Graduate Students by Ministry of Education of the P.R.C Oct. 2018</li><li>• 3rd Price of the 2018 NUAA Post-Graduate Mathematical Contest in Modeling Jun. 2018</li><li>• 3rd Price of the 14th China Post-Graduate Mathematical Contest in Modeling Dec. 2017</li></ul>
OPEN SOURCE PROJECTS	<p><i>VRP2E</i> <a href="https://github.com/phguo/VRP2E">https://github.com/phguo/VRP2E</a> Jan. 2018</p> <ul style="list-style-type: none"><li>• A coevolutionary-algorithm solver for multi-objective two-echelon vehicle routing problems.</li></ul>