

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