

**JOB DESCRIPTION**  
**Vacancy Ref: A2853**

<b>Job Title:</b> Research Associate, RESPOND-OR	<b>Present Grade:</b> 6P
<b>Department/College:</b>	Management Science/Centre for Transport and Logistics (CENTRAL)
<b>Directly responsible to:</b>	Professor Konstantinos G. Zografos
<b>Key Areas:</b>	Mathematical Modelling, Integer Programming, Exact and Heuristic Algorithms
<b>Other contacts</b>  <b>Internal:</b> The post-holder is required to liaise with (and undertake research activity) a wide range of academic and support staff including the Principal Investigator and Co-Investigators of RESPOND-OR and of other research projects undertaken by CENTRAL. The post-holder is also required to liaise with CENTRAL staff, LUMS Research Support Office (RSO), LUMS Marketing team, and the Industrial Liaison Manager of the Department of Management Science. <b>External:</b> <ul style="list-style-type: none"> <li>• Partners involved in RESPOND-OR and other projects undertaken by CENTRAL, including fellow researchers and administrative staff</li> <li>• Disaster management organisations</li> <li>• Organizations involved in other CENTRAL projects, research collaborators from other Universities involved in CENTRAL projects</li> <li>• Workshops / seminars / conferences / forum participants of CENTRAL projects</li> <li>• Other external contacts</li> <li>• Advisory Committee of RESPOND-OR and other CENTRAL projects</li> <li>• CENTRAL visiting researchers</li> </ul>	
<b>Major Duties:</b> <ol style="list-style-type: none"> <li>1. Develop mathematical models, solution algorithms and computer applications for RESPOND-OR and other projects undertaken by CENTRAL</li> <li>2. Participate in project meetings and other events</li> <li>3. Prepare talks, posters, research reports, research papers, project deliverables, and other dissemination materials of the of the output s of research projects. Contribute to the development of materials that will be posted to the Websites and social media. Contribute to the development of publicity and impact case related materials.</li> <li>4. Participate in project events (seminars/workshops/conferences) and actively involve with organizations supporting CENTRAL's projects.</li> <li>5. Participate in National and International conferences for presenting project results.</li> <li>6. Prepare progress reports.</li> <li>7. Contribute to the preparation of journal papers, papers for conference proceedings, for publication and presentation of project findings.</li> <li>8. Contribute to the activities of CENTRAL</li> </ol>	