Fieldwork Assessment Form

<table>
<thead>
<tr>
<th>School Assessment No.</th>
<th>INFFA 02</th>
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<tbody>
<tr>
<td>Title of Fieldwork Activity:</td>
<td>Mobile robot field experiments</td>
</tr>
<tr>
<td>Location(s) of Work:</td>
<td>George Square, Bristo Square, and the Meadows</td>
</tr>
<tr>
<td>Duration:</td>
<td>On an ad-hoc and recurring basis</td>
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Brief Description of Fieldwork:

On an ad-hoc basis, research students from the School of Informatics will carry out data collection and navigation experiments using a mobile robot (Clearpath Husky, Anymal quadruped, Ada500, ...).

A typical experiment will involve two students using a wireless remote controller to command the vehicle to drive along the paths of George Square at or below walking pace.

Hazard Identification:

<table>
<thead>
<tr>
<th>Hazard (s)</th>
<th>Risk</th>
<th>Control Measures</th>
<th>Risk after Control</th>
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<tbody>
<tr>
<td></td>
<td>L / M / H</td>
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<td>L / M / H</td>
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<tr>
<td>Physical Hazards</td>
<td>L</td>
<td>Avoid extreme weather conditions.</td>
<td>L</td>
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<tr>
<td></td>
<td></td>
<td>Avoid high drops and areas that the robot is designed to traverse.</td>
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<tr>
<td>Biological Hazards</td>
<td>L</td>
<td>None known</td>
<td>L</td>
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<tr>
<td>Chemical Hazards</td>
<td>L</td>
<td>None known</td>
<td>L</td>
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<tr>
<td>Man-made hazards</td>
<td>L</td>
<td>Regular street traffic expected and highway code applies. Care</td>
<td>L</td>
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</table>
Personal Safety

Do not operate the robot alone. Stop the robot when any person approaches (by releasing the dead-man-switch on the controller or e-stop the robot if necessary).

Environmental impact

None

Other hazards

Should the robot require lifted, use two people to do the lifting. Use lifting mechanism and ramps if required.

Emergency Procedures:

If any injury occurs, the unit should be stopped, disabled and medical assistance sought.

For minor injuries any University First Aider local to George Square can assist, for more serious injuries call 999 and arrange an ambulance to attend. Submit an incident report via the University H+S website and to the person responsible for safety.

Additional Information:

No user is allowed to operate the robot without having:

- Completely read and understood the robot’s operation manual.
- Completed an induction session with an experienced and trained user.
- Read and signed with countersignature the corresponding risk assessment for the robot as well as this Field Assessment form.
**Contact Information:** Include details of both the University designated contact and on-site contact.

<table>
<thead>
<tr>
<th>University</th>
<th>Name: Vladimir Ivan</th>
<th>Tel. Contact: 0131 650 5164</th>
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<tr>
<td>On-site</td>
<td>Name: Vladimir Ivan</td>
<td>Tel. Contact: 0131 650 5164</td>
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</table>

**Address of residential base:**
Informatics Forum, Room 1.25, 10 Crichton Street, Edinburgh EH8 9AB, UK.

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<tr>
<th>Has necessary training and information been given?</th>
<th>Yes ☒</th>
<th>No ☐</th>
<th>N/A ☐</th>
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<tr>
<td>Is there adequate provision for those with health problems or disabilities?</td>
<td>Yes ☐</td>
<td>No ☐</td>
<td>N/A ☒</td>
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<tr>
<td>Are there adequate First Aiders available?</td>
<td>Yes ☐</td>
<td>No ☐</td>
<td>N/A ☒</td>
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<tr>
<td>Is there suitable supervision (i.e. Staff to Student ratio)?</td>
<td>Yes ☐</td>
<td>No ☐</td>
<td>N/A ☒</td>
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<tr>
<td>Is permission required to work on site?</td>
<td>Yes ☐</td>
<td>No ☒</td>
<td>N/A ☐</td>
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<tr>
<td>Are there suitable travel arrangements and licensed drivers?</td>
<td>Yes ☐</td>
<td>No ☐</td>
<td>N/A ☒</td>
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<tr>
<td>Is adequate insurance cover in place?</td>
<td>Yes ☒</td>
<td>No ☐</td>
<td>N/A ☐</td>
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*(Contact Finance Office for advice, 50-9154)*

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<tr>
<th>Have all participants submitted next of kin information to field trip organiser / School Office?</th>
<th>Yes ☐</th>
<th>No ☐</th>
<th>N/A ☒</th>
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<tr>
<td>Have route notification schedules been provided to Police or Coastguard?</td>
<td>Yes ☐</td>
<td>No ☐</td>
<td>N/A ☒</td>
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**Assessment carried out by:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Vladimir Ivan</th>
<th>Date:</th>
<th>25/08/2021</th>
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<tbody>
<tr>
<td>Signature</td>
<td></td>
<td>Review</td>
<td>25/08/2021</td>
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<tr>
<td>Title</td>
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<td>Date:</td>
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<tr>
<td>Senior Researcher</td>
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**Assessment Authorised by Head of School / Fieldwork Supervisor:**

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**Verification by users**

Sign below to indicate you have read and understood the safe system of work.

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