01. INTRODUCTION
Wildland firefighters are confronted with a unique variety of challenges. They are exposed to smoke and heat like other firefighters, but the terrain they work on is immense and diverse. We have examined the body of literature that is currently available on the environmental health and safety of wildland firefighters.

02. OBJECTIVE
The objective of this study was to qualify the current state of environmental health literature for wildland firefighters. This is a topic that deserves more focus to improve the occupational conditions of these workers.

03. METHODOLOGY
Our literature was sourced from Google Scholar and through the Missouri University of Science and Technology Inter-library Loan. We gathered literature on wildland firefighters with the following key words:
- wildland firefighter
- wildland firefighter environmental health
- wildland firefighter health
- wildland firefighter occupational health
- wildland firefighter mental health

The literature was categorized based on the type of study and other criteria. The literature was then analyzed by our team.

04. FINDINGS
- There is a lack of geographical diversity
- There is a lack of demographic diversity
- There is a lack of professional diversity (dispatchers, fuel managers, aviators, etc.)
- The two largest foci in this field is medical and occupational data
- Most authors lack funding to conduct longitudinal studies or multi-disciplinary studies

05.1 ANALYSIS

<table>
<thead>
<tr>
<th>Category</th>
<th>Qualifying Articles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical</td>
<td>58</td>
</tr>
<tr>
<td>Psychological</td>
<td>11</td>
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<td>Performance</td>
<td>16</td>
</tr>
<tr>
<td>Occupational</td>
<td>55</td>
</tr>
<tr>
<td>Total</td>
<td>140</td>
</tr>
</tbody>
</table>

05.2 ANALYSIS
Qualifying articles of each category of literature
- Medical: 58
- Psychological: 11
- Performance: 16
- Occupational: 55
- Total: 140

06. CONCLUSION
Wildland firefighting is a crucial part of environmental management. Because most studies focus only a single aspect of wildland firefighting, this community would benefit from multi-disciplinary studies that combine medicine, psychology, occupation and performance.