**Job Title:** International soil laboratory expert

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<thead>
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<th>Minimum number of years of relevant experience required:</th>
<th>10-15</th>
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<td><strong>Duration:</strong></td>
<td>75 days</td>
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<td><strong>Starting date</strong></td>
<td>June 15, 2022 or ASAP</td>
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<td><strong>Location:</strong></td>
<td>Monrovia, Liberia</td>
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<td><strong>Reports to:</strong></td>
<td>FAO Representative in Liberia &amp; Lead Technical Officer</td>
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**Description of task(s) and objectives to be achieved (per mission if applicable)**

Under the overall supervision of the FAO Representative in Liberia and the overall technical supervision of LTO, and direct technical supervision of the HQ technical officer (Land and Water Officer) the international consultant will undertake the following duties:

- On-site assessment of laboratory conditions and staff qualification in soil analysis
- Train laboratory managers and technicians in soil physical and chemical analysis (SOPs implementation, equipment use)
- Train laboratory managers and technicians in quality assurance and quality control
- Train laboratory technicians in internal quality control, health and safety measures, and in equipment use
- Train laboratory managers and technicians on good practices in equipment purchasing, installation and maintenance while supervising the installation of the new equipment purchased through the process
- Train laboratory staff and laboratory managers in external quality control (proficiency test – PT), including the statistical analysis of PT results
- Guide laboratories participating in the project towards the organization of a national PT
- Building on the performance of laboratories in the project in the GLOSOLAN PTs, organize training as needed
- Supervise the analysis of soil samples collected during the soil survey

In addition, Expert will provide a written report in English within two weeks of conclusion of each mission. The report should give a clear summary of recommendations and conclusions and points for follow-up before the next visits.

**Applicants are required to have working knowledge of English.**

Interested candidates are kindly required to send their expression of interest to lucrezia.caon@fao.org and Gelboikai.Keita@fao.org. Please enclose your CV and cover letter. **Please apply to this vacancy by June 14, 2022 the latest.**