



Exploration For Humanity

Exploration For Humanity (EFH) is a team of senior scientists, experienced in exploring unknown and difficult areas of the world, who would like to see their unique skills applied to the special need of landmine discovery and removal.



This map, published by *Monitor*, shows all the areas in the world that are afflicted by landmines and other Explosive Remnants of War (ERW).

WHAT WE WILL DO TO HELP

EFH Mission: Our mission is to develop and provide useful information to the people doing the work of removing landmines. This means to start with existing exploration technology and focus its application specifically to detect and map landmines, Unexploded Ordnance (UXO) and other ERW. The objective is to have a system, team and method of application that can be the most effective in detecting and mapping landmines, and to offer that capability at a reasonable cost to the demining world.

- * **Acquire State-of-the-Art Instrumentation:** EFH plans to **acquire** a drone-based exploration system that has been shown to be capable of performing geophysical surveys, detecting the targets and delivering precise location data in the form of maps.
- * **Develop a field team:** Seek skilled drone operators and train them in exploration surveying specifically for landmines & UXO.
- * **Determine the approach for specific types of locations:** Landmines and UXO are found in many different conditions of terrain, vegetation and human habitation. EFH will study those conditions in target areas to identify sites suitable for EFH technology.
- * **Establish survey methodology:** Develop procedures appropriate to the location for the desired results within the capabilities of the survey system. Most surveys will require visits to the area to identify survey obstacles and the results sought by the deminers..
- * **Develop and advance the Application of that Technology:** Work with newest data with real time analysis to see how AI will fit in.. Immediate Extra measurements may quantify targets and reveal false positives, both in real time and for post-survey analysis.
- * **Apply the latest Technology to current demining sites.** Make this service available to the Demining Trusts and organizations.