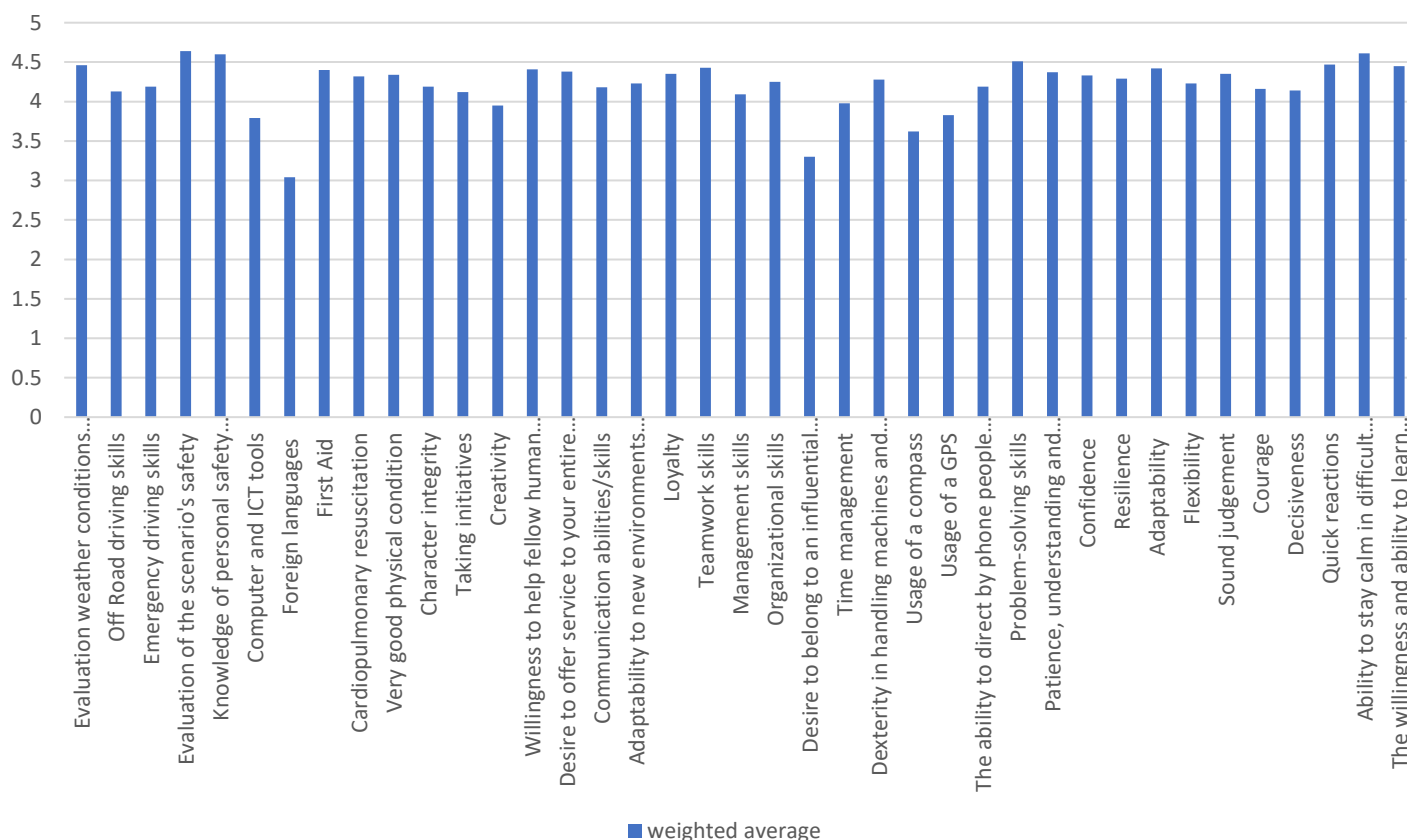


In this part, you are asked to rate needed competences/qualities/skills to do the work as a volunteer in forest fire prevention



From the answers of the participants the most important competences / qualities / skills according to the weighted average in decreasing order are:

1	Evaluation of the scenario's safety	4,64
2	Ability to stay calm in difficult circumstances	4,61
3	Knowledge of personal safety protection devices and their correct use and maintenance.	4,60
4	Problem-solving skills	4,51
5	Quick reactions	4,47
6	Evaluation weather conditions (especially winds)	4,46
7	The willingness and ability to learn on a continual basis	4,45
8	Teamwork skills	4,43

9	Adaptability	4,42
10	Willingness to help fellow human beings	4,41
11	First Aid	4,40
12	Desire to offer service to your entire community	4,38
13	Patience, understanding and sensitivity	4,37
14	Loyalty	4,35
15	Sound judgement	4,35
16	Very good physical condition	4,34
17	Confidence	4,33
18	Cardiopulmonary resuscitation	4,32
19	Resilience	4,29
20	Dexterity in handling machines and manual tools	4,28
21	Organizational skills	4,25
22	Adaptability to new environments and working conditions	4,23
23	Flexibility	4,23
24	Emergency driving skills	4,19
25	Character integrity	4,19
26	The ability to direct by phone people / vehicles that do not know the area	4,19
27	Communication abilities/skills	4,18
28	Courage	4,16
29	Decisiveness	4,14
30	Off Road driving skills	4,13
31	Taking initiatives	4,12
32	Management skills	4,09
33	Time management	3,98
34	Creativity	3,95
35	Usage of a GPS	3,83
36	Computer and ICT tools	3,79
37	Usage of a compass	3,62
38	Desire to belong to an influential group	3,30
39	Foreign languages	3,04

The purpose of this question was to investigate the importance of competences / qualities / skills that a volunteer should possess in order to do his/her activities

In the following table we can see the top 20 competences / qualities / skills according to the weighted average and to the “extremely important” rates.

	Top 20 according to the weighted average		Top 20 according to the “extremely important” rates	
1	Evaluation of the scenario's safety	4,64	Evaluation of the scenario's safety	158
2	Ability to stay calm in difficult circumstances	4,61	Knowledge of personal safety protection devices and their correct use and maintenance.	155
3	Knowledge of personal safety protection devices and their correct use and maintenance.	4,6	Ability to stay calm in difficult circumstances	149
4	Problem-solving skills	4,51	Evaluation weather conditions (especially winds)	132
5	Quick reactions	4,47	First Aid	131
6	Evaluation weather conditions (especially winds)	4,46	Problem-solving skills	131
7	The willingness and ability to learn on a continual basis	4,45	Quick reactions	124
8	Teamwork skills	4,43	Willingness to help fellow human beings	121
9	Adaptability	4,42	Cardiopulmonary resuscitation	120
10	Willingness to help fellow human beings	4,41	Teamwork skills	120
11	First Aid	4,4	Sound judgement	120
12	Desire to offer service to your entire community	4,38	The willingness and ability to learn on a continual basis	120
13	Patience, understanding and sensitivity	4,37	Adaptability	117
14	Loyalty	4,35	Patience, understanding and sensitivity	116
15	Sound judgement	4,35	Very good physical condition	111
16	Very good physical condition	4,34	Desire to offer service to your entire community	111
17	Confidence	4,33	Loyalty	111
18	Cardiopulmonary resuscitation	4,32	Emergency driving skills	108
19	Resilience	4,29	Confidence	108
20	Dexterity in handling machines and manual tools	4,28	Resilience	107

From these, nineteen (19) competences / qualities / skills are in both columns. The remaining skills are: Dexterity in handling machines and manual tools and Emergency driving skills.

Summarising, in the following table includes the competences / qualities / skills that will be covered from the educational material.

	The competences / qualities / skills that a volunteer forest firefighter should possess, according to the project objectives
1	Evaluation of the scenario's safety
2	Ability to stay calm in difficult circumstances
3	Knowledge of personal safety protection devices and their correct use and maintenance.
4	Problem-solving skills
5	Quick reactions
6	Evaluation weather conditions (especially winds)
7	The willingness and ability to learn on a continual basis
8	Teamwork skills
9	Adaptability
10	Willingness to help fellow human beings
11	First Aid
12	Desire to offer service to your entire community
13	Patience, understanding and sensitivity
14	Loyalty
15	Sound judgement
16	Very good physical condition
17	Confidence
18	Cardiopulmonary resuscitation
19	Resilience
20	Dexterity in handling machines and manual tools

With the following open question “**What skills in forest fire prevention would you like to learn further?**” participants expressed their own learning needs.

In general, they focused on:

- ✓ the importance of prevention
- ✓ the usage and the need of training in new technologies (e.g., Technical fire suppression, Improving the use of fire to prevent and fight wildfires)
- ✓ the importance of using different firefighting techniques and the knowledge of categories of plants and their reaction to fire and fire behaviour
- ✓ the need to improve skills and knowledge about fires (how they begin and how they spread, according to the different weather and ground conditions)



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- ✓ the need to improve coordination and cooperation with all the organizations and institutions involved, teamwork, discipline and the importance of communication in emergency situations, new communication techniques/technologies
- ✓ first aid training (treatment of burns)
- ✓ orientation and analysis of weather conditions - meteorology applied to forest fires
- ✓ the need and importance of lifelong training

Conclusions

The results of the questionnaire show the importance of lifelong training and fire prevention. Although the majority of the participants have years of experience, they want to gain new skills and competences or to improve those that they already possess, in order to do their duty as volunteers in forest fire prevention/firefighting more efficiently. Participants stated that the main reasons why people start to take part in volunteering activities of fire prevention and firefighting are altruistic reasons, such as helping others, offering service to the entire community and collaboration.

The questionnaire has been a useful tool to highlight the essential skills to use as a start in building a competence map. These are specialized skills and technical abilities based on necessary tools to use during activities like Safety procedures, Evaluation weather conditions (especially winds), First Aid and Cardiopulmonary resuscitation and also personal Soft skills (confidence, patience, understanding, sensitivity etc.) to be used during emergency and training.