

This project is co-funded by EU through Interreg IPA CBC Republic of Bulgaria – Republic of North Macedonia Programme

QUESTIONNAIRE

This questionnaire is developed within a project implemented by the Municipality of Karbinici and the Foundation 12th Chair – Blagoevgrad. The data gathered will be used by the researchers' team to identify the gaps in the knowledge of disaster preparedness and accordingly address these gaps with a design of specific training modules and drawing conclusions and recommendations for the authorized institutions.

Please answer the questions best to your knowledge and according to your own opinion and experiences. Your responses are anonymous and will be analyzed collectively.

Part I : PERSONAL DETAILS OF RESPONDER

Please circle per ONE answer for each question in part I where options are provided, or write down your answer.

1. Sex A. Male B. Female

2. Age:

3. Village (place) of residence:

4. Grammar knowledge:

A. Without education

E. Secondary – Art School

B. Primary

F. University Degree

C. Secondary - Gymnasium

G. Postgraduate

D. Secondary - Technical School

H. Doctorate

5. Occupation:

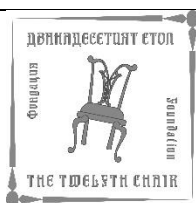
6. Financial situation – MONTHLY family income.

A. < 16.000 Denars

B. 16.000 – 30.000 Denars

C. 30,000 – 60,000 Denars

D. > 60,000 Denars



Foundation “12th Chair” – Blagoevgrad and the Municipality of Karbinici are implementing the project “Establishment of a dialogue of care: our shared responsibility towards the future” (CB006.2.12.085) in aim to contribute to prevention and mitigation of consequences of natural and man-caused disasters of cross-border dimension and impact.



Part II : QUESTIONS

Please follow the instructions of the answer mode as given under each question.

7. From what you know (TV, internet, etc.) which of the following countries is facing a serious problem with forest fires?

Answer by putting A, B, C, D, E, or any of them in the order you want. If you answer F there is no other answer:

- A. the United Kingdom
- B. Sweden
- C. Finland
- D. Greece
- E. Northern Macedonia
- F. I do not know

ANSWER:

8. Do you know if North Macedonia faces severe issues with forest fires?

Select/circle ONE answer.

- A. Yes, there is a big problem
- B. Yes, but not a big problem
- C. No, it does not face a significant problem of forest fires
- D. I do not know

9. Do you know if the area of your Municipality, ~~or neighboring Municipalities,~~ has been facing forest fires in recent years? *Select/circle ONE answer.*

- A. Yes, it is facing a serious problem
- B. Yes, but not a big problem
- C. No, fires in our area are rare and are not important
- D. I do not know

10. Forest fires that occur in your area or other areas of your country, usually destroy one or many of the following:

Answer by putting A, B, C, D, or any of them, in the order you choose. If you answer E there is no other answer:

- A. Houses, farmhouses, livestock facilities
- B. Rural areas with crops
- C. Barren areas, pastures, and sparse shrubs
- D. Dense shrubs and tall forests
- E. I do not know

ANSWER:

11. What are the causes of forest fires in your area or your country in general? *Answer by putting A, B, C, or any of them in the order you want. If you answer D there is no other answer:*

- A. Malicious arson (Someone deliberately sets fire to destroy the forest or something else)
- B. Negligence (Someone does not want to cause a fire. He does a job and his fire escapes and causes destruction)
- C. From natural or accidental causes (e.g. from lightning or self-ignition)
- D. I do not know

ANSWER:

12. Which of the following causes, related to human activities in the countryside, is the reason to cause forest fires in your area or your country, as far as you know? *Answer by putting A, B, C, D, E, F, or some of them, in the order you want. If you answer Z there is no other answer:*

- A. Throwing a lit cigarette
- B. Use of fire by hikers or hunters to cook something or warm-up
- C. Burning of branches, reeds, etc. by farmers
- D. Burning shrubs by breeders to grow grass for animals
- E. Other
- F. I do not know

ANSWER:

13. Which of the following causes, related to the use of machinery, etc., is responsible to forest fires in your area or your country, as far as you know.

Answer by putting A, B, C, D, E, or any of them in the order you want.

- A. Ironwork in the countryside
- B. Transmission of electricity from cables
- C. From cars, trains, etc.
- D. From agricultural machinery
- E. From an army shot
- F. I do not know

ANSWER:

14. Which do you think is the main factor in causing forest fires? *Answer by putting A, B, C, or any of them in the order you want. If you answer D there is no other answer:*

- A. The high air temperature
- B. The high intensity of the wind
- C. The very low humidity of the vegetation
- D. I do not know

ANSWER:

15. When there is a forest fire in your area (~~or in your country in general~~), who goes to put out the fire?

Answer by putting A, B, C, D, E, F, or some of them in the order you want. If you answer G there is no other answer:

- A. The Fire Service
- B. The Forest Service
- C. The Municipality
- D. The army
- E. The police
- F. The citizens
- G. I do not know

ANSWER:

16. By what means do you think we can put out a forest fire?

Answer by putting A, B, C, D, E, F or some of them, in the order you want. If you answer G there is no other answer:

- A. With the soil
- B. With water from the house (with buckets or hose)
- C. With agricultural tools (e.g. shovels sprayers, chainsaws, etc.)
- D. With fire trucks
- E. With firefighting planes
- F. With firefighting helicopters
- G. I do not know

ANSWER:

17. In case of forest fire, would you go and assist put out the fire?

Answer by putting A, B, C, D, E, or any of them in the order you want. If you answer F there is no other answer:

- A. Yes, in case my property is in danger
- B. Yes, if I am required to do so by the authorities
- C. Yes, to protect the natural environment of my country
- D. No, because it is dangerous
- E. No, because extinguishing is the job of competent services
- F. I do not know

ANSWER:

18. Is the prevention of forest fires possible with the purchase or construction of the following means? Answer by putting A, B, C, D, E, F, or some of them in the order you want. If you answer G there is no other answer:

- A.** Construction and maintenance of forest roads so vehicles can move fast
- B.** Construction of fire belts
- C.** Construction of fire hydrants and tanks
- D.** Purchase of firefighting vehicles
- E.** Purchase of firefighting aircraft
- F.** Purchase of firefighting helicopters
- G.** I do not know

ANSWER:

19. Is the prevention of forest fires possible by taking the following measures or actions? Answer by putting A, B, C, D, E, F, or some of them in the order you want. If you answer G there is no other answer:

- A.** Strict prohibition of lighting fires in the countryside
- B.** Hiring more firefighters
- C.** Better training of the fire brigade
- D.** Very severe punishment of those who cause fire
- E.** Information programs for citizens
- F.** Education of children in school with lessons on environment and forest protection
- G.** Training of volunteer fire-fighting brigade composed of locals
- H.** I do not know

ANSWER:

20. Forest fires cause significant damage to the environment for the following reasons. Answer by putting A, B, C, D, E, F, or some of them in the order you want. If you answer H, there is no other answer:

- A.** They release carbon dioxide into the atmosphere and so contribute to the greenhouse effect
- B.** They destroy the green and the natural environment in general
- C.** They destroy crops and livestock units
- D.** They destroy houses and properties
- E.** They cause the death of people
- F.** They destroy the forest and thus contribute to the challenge of catastrophic floods
- G.** They destroy the forest and contribute to its surface runoff water, not enriching the aquifers (water scarcity)
- H.** I do not know

ANSWER:

21. With the destruction of a forest by a forest fire shall we ~~must~~ take any action to restore vegetation? *Select/circle ONE answer.*

- A. Do not take any action. The forest will grow again by itself
- B. To reforest all the burned forest
- C. To reforest only where the forest will not grow by itself
- D. I do not know

22. In which of the following forests do you think we can have a catastrophic fire when the other factors (wind, temperature, etc.) assist with the destructiveness of the fire?

Answer by putting A, B, C, D, E, F, or some of them in the order you want. If you answer G there is no other answer:

- A. Beech Forest
- B. Broad-leaved oak forest
- G. Forest with kermes and other hardwood shrubs
- D. Pine Forest
- E. Chestnut Forest
- F. Fir (Abies) Forest
- G. I do not know

ANSWER:

23. Have you attended any forest fire training in the past?

Select/circle ONE answer.

- A. Yes, I heard some things at school
- B. Yes, I had attended a relevant seminar
- C. No, I have not attended any forest fire training
- D. I ~~have not watched, but~~ I have learned many useful things from television and/or the internet.
- E. I do not remember

24. If you are not satisfied with the system of prevention and suppression of forest fires in the Municipality of Karbinci or in your country in general, which body do you think would be the most suitable to undertake this project? *Select/circle ONE answer.*

- A. The Fire Service
- B. The Forest Service
- C. The army and the police
- D. The Municipality, in cooperation with other neighboring Municipalities
- E. The Fire Brigade in collaboration with the Forest Service
- F. All services with appropriate cooperation between them

G. A private company

H. I do not know

25. The prevention and suppression of forest fires require large expenditures. Who do you think should bear this cost?

Answer by putting A, B, C, D, or any of them in the order you want. If you answer E there is no other answer:

A. The state

B. The Municipality

C. Citizens paying a special tax

D. The European Union

E. I do not know

ANSWER:

26. Do you believe in volunteering to prevent and suppress forest fires?

Select/circle ONE answer.

A. Yes, both for prevention and for repression

B. Yes, but only for prevention (e.g. taking a shift at a fire station, **educative activities etc**)

C. No, the case of forest fires is difficult and cannot be treated with volunteers

D. I do not know