

# PILOT STUDY

«I'd like if you would take few minutes to respond at the following proposed questions, your help is very important since it will allow our team to better organize an informative work in your neighborhood about flooding risks. This should take no more than 10 minutes. Thank you».

## PART 1

1. Have you experienced harmful floods in this area/neighborhood?

Yes, \_\_\_ times

No

If No, skip to question n.3

Please indicate your degree of agreement/disagreement on each of the following:

2. My experience with flood in my area/neighborhood has caused me:

	Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree
Agitation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aggressiveness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alarm just at the first rains	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Insomnia during rain periods	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Insecurity in your neighborhood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. In the past 10 years, how often has this area/neighborhood flooded (even if small):

1  2  3  4  5  6  7  8  9  10

4. What do you think is the main cause of these floods?

- Intense rainfall
- Flooding from rivers
- Flood defense breach
- Other (please specify): \_\_\_\_\_
- I don't know

5. How important do you consider the following precautionary measures are?

	Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree
My own precautionary measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flood warnings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floodbanks and other protective measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pre-flood communication	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify):					

6. What is your primary source of information concerning floods (only one answer)?

- TV
- Radio
- Newspapers
- Internet
- Family or friends
- Other: \_\_\_\_\_
- No information

7. Have you visited the website of Protezione Civile del Comune di Roma

<http://www.protezionecivilecomuneroma.it> ?

- Never
- Sometimes
- Often

8. How useful to yourself did you find the webpage?

Useful	Quite useful	I don't know	Quite useless	Useless
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. Which kind of flood risk this area/neighborhood has?

- I don't know
- None
- Low
- Medium
- High

10. Floods uncertainty can be described by the following four terms. Do you understand the following four terms?

	Understand	Don't understand
A 100 year flood	<input type="checkbox"/>	<input type="checkbox"/>
A 1 in 100 flood	<input type="checkbox"/>	<input type="checkbox"/>
A flood with a 1% annual exceedance probability	<input type="checkbox"/>	<input type="checkbox"/>
A flood with a 1 in 100 chance of being equalled or exceeded every year	<input type="checkbox"/>	<input type="checkbox"/>

## PART 2

Please indicate your degree of agreement/disagreement on each of the following:

11. I'm worried about the risk of **road accidents**.

Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

12. I'm worried about the risk of **unemployment**.

Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

13. I'm worried about **flood** risk.

Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14. What concerns you the most regarding floods

- The rise of water surface
- The frequency of floods regardless of the rise of water surface
- The combination of water surface rising and the frequency of floods.
- Other (please specify): \_\_\_\_\_.

15. I'm worried about the risk of flood damage to my **home**.

Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

16. I'm worried about the risk of flood damage to my **neighborhood**.

Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

17. I'm worried about the risk of flood damage to **Rome**.

Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

18. I feel exposed to flood risk.

Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

19. Floods are unpredictable.

Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

20. People cannot do anything to reduce flood damage.

Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

21. Prevention measures can effectively avoid a catastrophe.

Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

22. I feel well prepared for floods.

Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

23. Earlier floods in my area/neighborhood involved:

	Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree
Damage to things (buildings, cars, roads, power supplies, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Physical damage to people.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Psychological damage (insomnia, fear, difficulty in everyday activities, ect.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**PART 3**

24. If you receive warning of a flood likely to affect your property in the next **12 hours**, what actions do you think you might take to prepare for a coming flood?

WOULD YOU:	Yes	No
Move items of sentimental value	<input type="checkbox"/>	<input type="checkbox"/>
Move or protect costly items (e.g. fridge, furniture)	<input type="checkbox"/>	<input type="checkbox"/>
Prepare for loss of power (candles/torches)	<input type="checkbox"/>	<input type="checkbox"/>
Block doorways	<input type="checkbox"/>	<input type="checkbox"/>
Move pets/livestock to a safe place	<input type="checkbox"/>	<input type="checkbox"/>
Move cars to a safe place	<input type="checkbox"/>	<input type="checkbox"/>
Advise neighbors	<input type="checkbox"/>	<input type="checkbox"/>
Block toilets	<input type="checkbox"/>	<input type="checkbox"/>
Evacuate property	<input type="checkbox"/>	<input type="checkbox"/>
Watch the water levels	<input type="checkbox"/>	<input type="checkbox"/>
Collect clothing, food, water, medication	<input type="checkbox"/>	<input type="checkbox"/>
Watch TV for more information	<input type="checkbox"/>	<input type="checkbox"/>
Listen radio for more information	<input type="checkbox"/>	<input type="checkbox"/>
inform on waiting areas	<input type="checkbox"/>	<input type="checkbox"/>
Put sandbags, floodboards or flood gates in place	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify): _____	<input type="checkbox"/>	<input type="checkbox"/>

25. If you receive warning of a flood likely to affect your property in the next **1 hour**, what actions do you think you might take to prepare for a coming flood?

WOULD YOU:	Yes	No
Run away as far as possible	<input type="checkbox"/>	<input type="checkbox"/>
Close up your home	<input type="checkbox"/>	<input type="checkbox"/>
Try to inform yourself about what to do	<input type="checkbox"/>	<input type="checkbox"/>
Switch off gas/electricity	<input type="checkbox"/>	<input type="checkbox"/>
Move myself and the others to a safe place (e.g. upstairs)	<input type="checkbox"/>	<input type="checkbox"/>
If outside move uphill	<input type="checkbox"/>	<input type="checkbox"/>
Drive your car far away to be safe	<input type="checkbox"/>	<input type="checkbox"/>
Use lift to go to the roof	<input type="checkbox"/>	<input type="checkbox"/>
Store water from the tap	<input type="checkbox"/>	<input type="checkbox"/>
Collect house key, radio, documents, medicine...	<input type="checkbox"/>	<input type="checkbox"/>
If possible, walk to waiting areas	<input type="checkbox"/>	<input type="checkbox"/>

26. How would you prefer to receive flood warnings and information about preparing for floods?

	Yes	No
Phone call	<input type="checkbox"/>	<input type="checkbox"/>
Text to Mobile Phone	<input type="checkbox"/>	<input type="checkbox"/>
Website	<input type="checkbox"/>	<input type="checkbox"/>
E-mail	<input type="checkbox"/>	<input type="checkbox"/>
Door-to-door communication	<input type="checkbox"/>	<input type="checkbox"/>
TV information	<input type="checkbox"/>	<input type="checkbox"/>
Radio information	<input type="checkbox"/>	<input type="checkbox"/>
Brochures/leaflets	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify): _____	<input type="checkbox"/>	<input type="checkbox"/>

*Please indicate your degree of agreement/disagreement on each of the following:*

27. I will move to another neighborhood because of flood risk.

Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

28. I know what to do in case of a flood

Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>





## PART 5

30. Gender:

- man       woman

31. Age range:

- under 25  
 26 - 35  
 36 - 45  
 46 - 55  
 56 - 65  
 over 65

32. Education level:

- less than high school  
 high school  
 bachelor/master degree  
 PhD

33. What is your profession?

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34. Is your residence:

- Owner-occupied  
 Rented  
 Other (Please specify): \_\_\_\_\_

35. Which is your level of italian?

- It is my first language  
 Very fluent  
 Somewhat fluent  
 Intermediate  
 Beginner

36. Which area/neighborhood do you live in?

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37. If you work, which area/neighborhood do you work in?

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38. If you study, which area/neighborhood do you study in?

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**Many thanks for your important collaboration**

*If you are interested in the information gathered with this questionnaire you can ask for them and you will receive them. Thank you.*

STEFANO DE DOMINICIS: [s.dedominicis@fastwebnet.it](mailto:s.dedominicis@fastwebnet.it)

BENEDETTA MOSCO: [moscos1@alice.it](mailto:moscos1@alice.it)

The end