

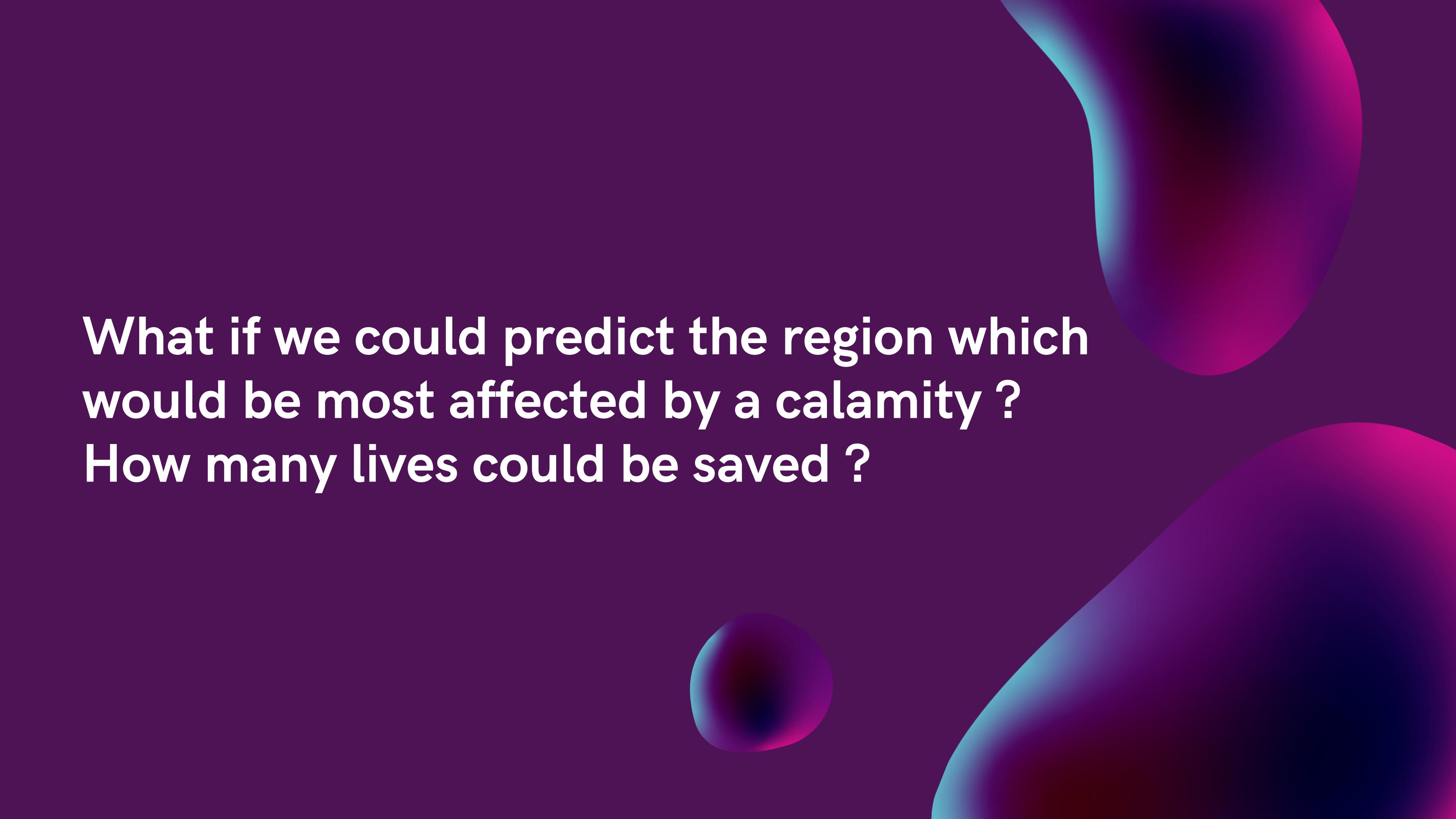
Flood Map

Created By :

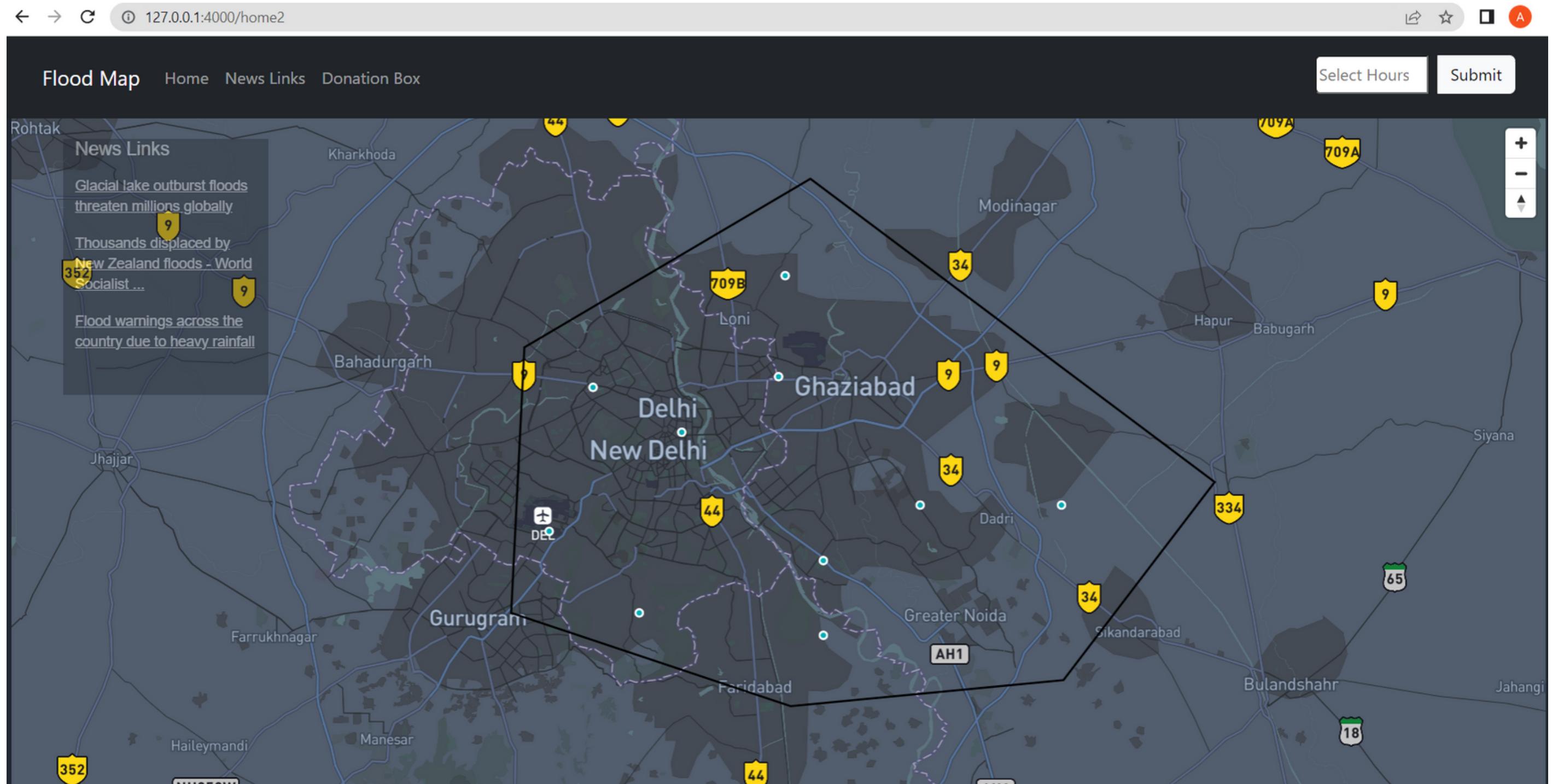
Ankit Bansal

Anmol Sharma

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**What if we could predict the region which
would be most affected by a calamity ?
How many lives could be saved ?**

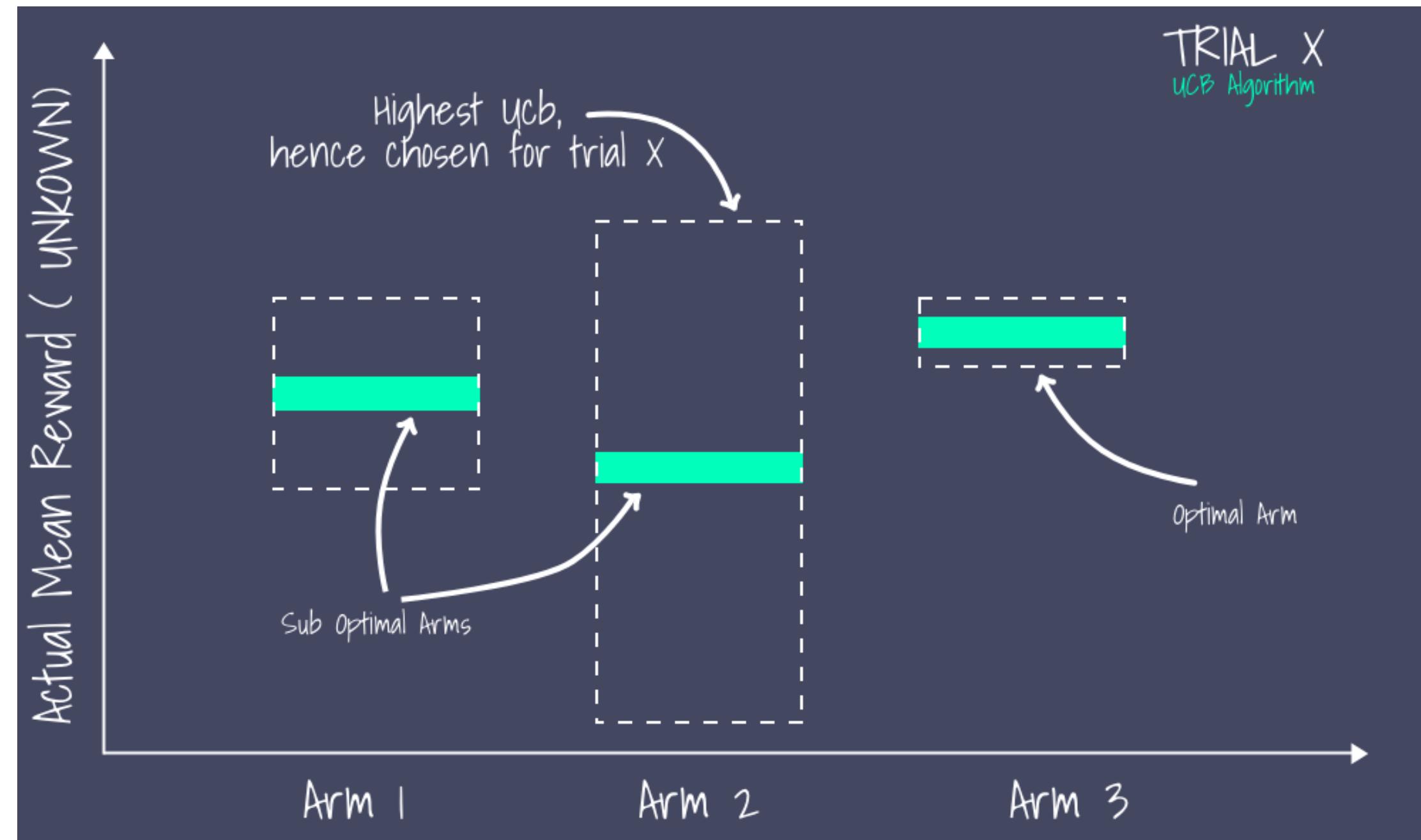


On our website we have considered an area which has been affected by flood

The area is divided into 10 regions
As shown in dataset each row is recording
whether a distress call has been made to ask for
immediate help by that area
(1 means yes or 0 means no) for a given hour

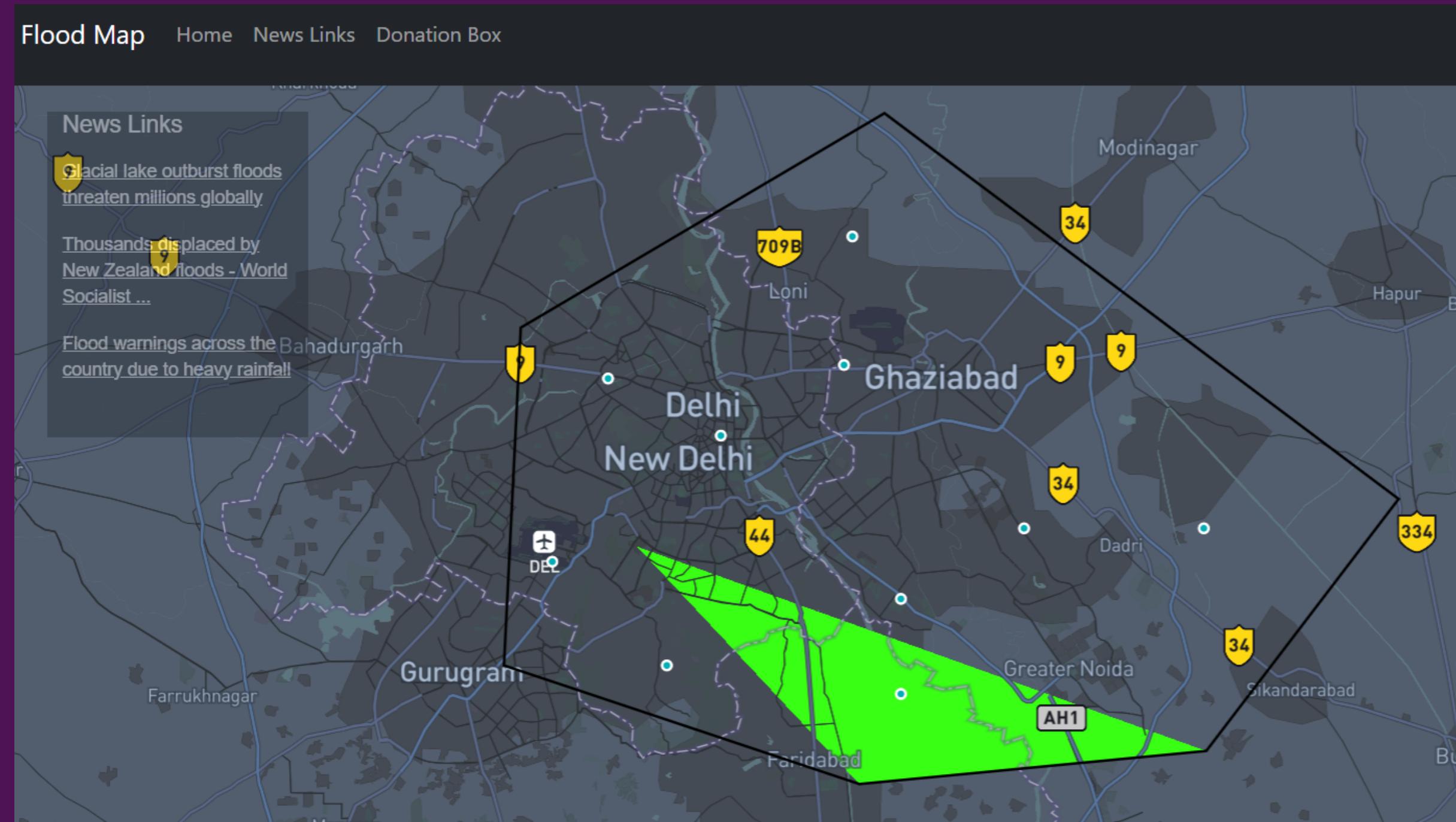
1	Ad 1	Ad 2	Ad 3	Ad 4	Ad 5	Ad 6	Ad 7	Ad 8	Ad 9	Ad 10
2	1	0	0	0	1	0	0	0	1	0
3	0	0	0	0	0	0	0	0	1	0
4	0	0	0	0	0	0	0	0	0	0
5	0	1	0	0	0	0	0	0	1	0
6	0	0	0	0	0	0	0	0	0	0
7	1	1	0	0	0	0	0	0	0	0
8	0	0	0	1	0	0	0	0	0	0
9	1	1	0	0	1	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11	0	0	1	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0
14	0	0	0	1	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	1	0	0
17	0	0	0	0	1	0	0	0	1	0

Through UCB learning, our ML model calculates the region which is going to see the most difficulty and should be ready for more focus by authorities in the future

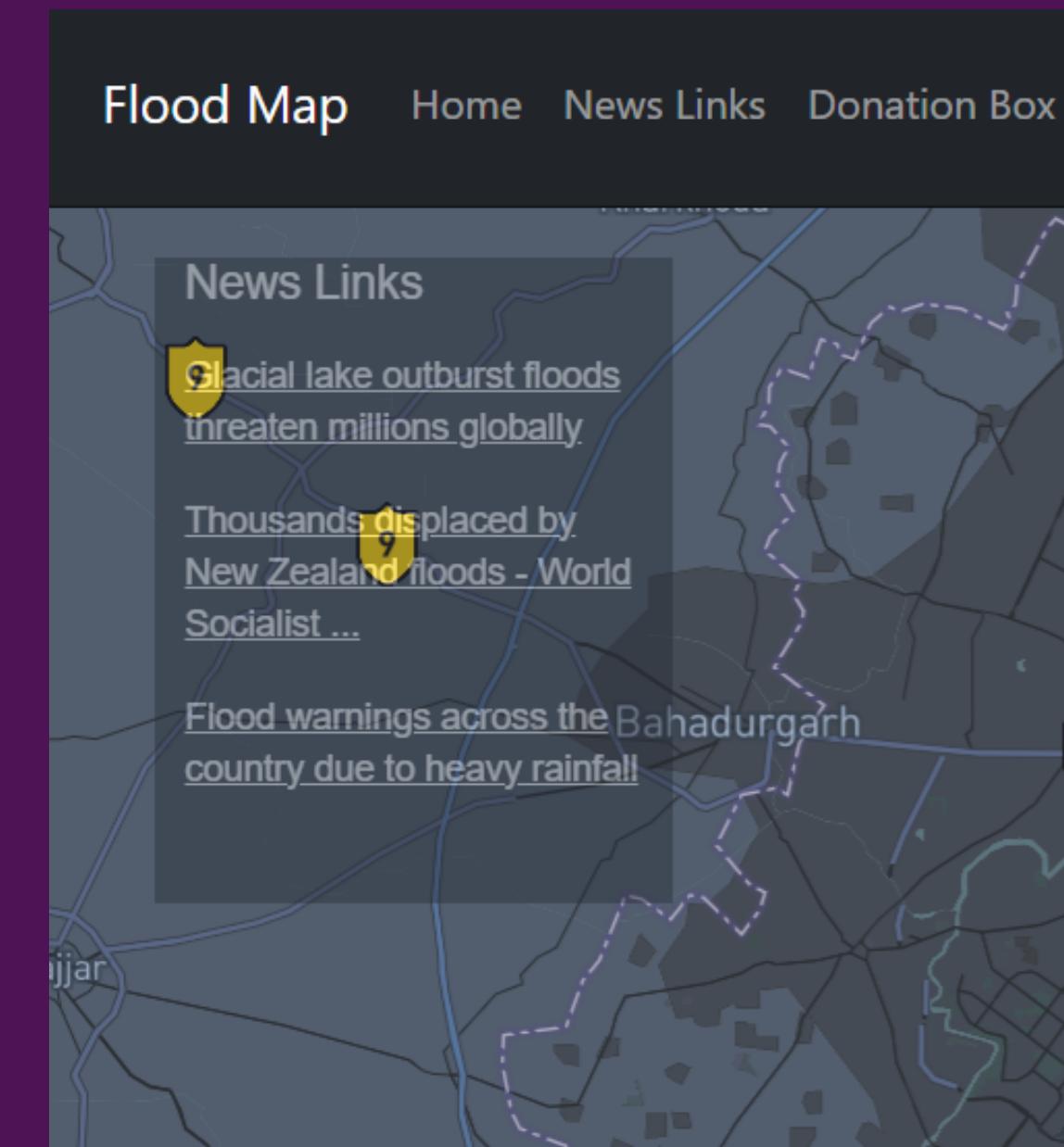


**Also in the pop-up you can see which
would be most susceptible by flood**

By taking previous distress patterns into consideration we predict which region will be most affected by flood



You can see the news regarding the calamity to keep yourself updated



[Flood Map](#) [Home](#)

A world map highlighting flood-affected regions in North America (USA, Canada) and Europe. The map shows state/province boundaries and major cities like New York, Chicago, Los Angeles, Toronto, Ottawa, Quebec, Paris, London, and Berlin.

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To make a difference for the cause you can donate some amount for the cause

"Every calamity is to be overcome by endurance."