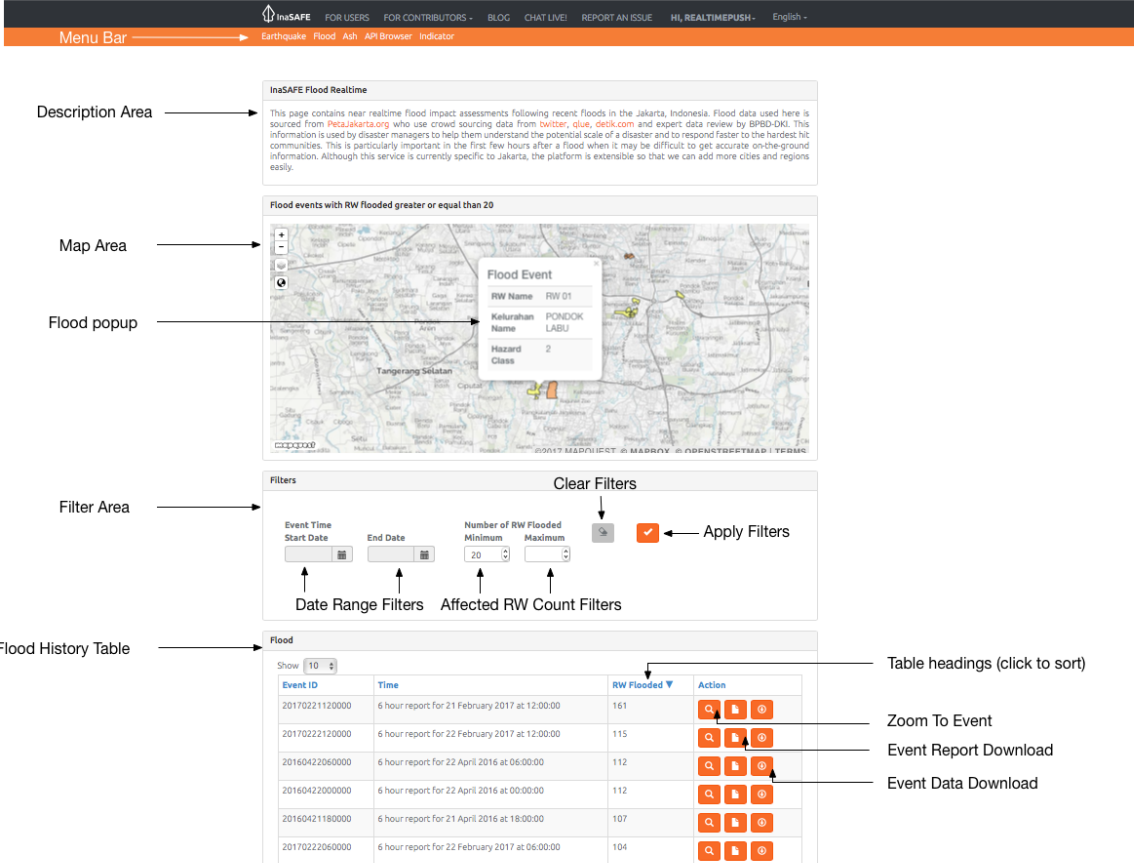




## The InaSAFE Flood Realtime User Interface

"In this module we will explore the user interface of flood realtime and learn how to find relevant reports when you need them."



The screenshot shows the InaSAFE Flood Realtime interface. The top navigation bar includes links for 'FOR USERS', 'FOR CONTRIBUTORS', 'BLOG', 'CHAT LIVE', 'REPORT AN ISSUE', and 'HI, REALTIMEPUSH-'. Below the navigation bar is a 'Menu Bar' with 'Earthquake', 'Flood', 'Ash', 'API Browser', and 'Indicator'. The main content area is divided into several sections:

- Description Area:** A text box explaining the purpose of the platform and its data sources.
- Map Area:** A map showing flood events with a 'Flood Event' popup displaying details like 'RW Name', 'Kelurahan Name', and 'Hazard Class'.
- Filter Area:** A section with 'Clear Filters' and 'Apply Filters' buttons, and input fields for 'Event Time' (Start Date, End Date) and 'Number of RW Flooded' (Minimum, Maximum).
- Flood History Table:** A table listing flood events with columns for 'Event ID', 'Time', 'RW Flooded', and 'Action'.

Annotations point to various elements: 'Description Area', 'Map Area', 'Flood popup', 'Filter Area', 'Flood History Table', 'Table headings (click to sort)', 'Zoom To Event', 'Event Report Download', and 'Event Data Download'.

InaSAFE Flood Realtime provides a quick and easy to use landing page that lets you browse historical flood reports generated by the platform. The map is interactive – you can scroll to zoom in and out (or shift-drag a box to zoom to a specific area), and click on flooded RW's to view more information. New events are automatically posted to the page and will be shown whenever you refresh the page.



### You try:

**Goal: To explore the capabilities and features of Flood Realtime.**

Go to the flood realtime website and use the tools and options you find there to discover the answers to the table on the right of this page.

### Check your results:

Swap your list with a neighbouring group and see if they had the same results as you.

Name	Answer
How many flooded RW's were recorded on March 17 2017?	
What is the greatest number of flooded RW's recorded in 2017?	
What is the greatest number of floods ever recorded on the platform?	
Click on a flood area. Use the table in the next section to see what depth the hazard class represents.	



## More about the InaSAFE Flood Realtime website

The flood history on InaSAFE Flood Realtime can be filtered by date range and number of affected RW's. You can clear the filter by using the **Clear Filters** button. When you change the filter criteria, press **Apply Filters** button and the table and map will update to display the results of your filter.

If you **click** on any flooded area in the map, a popup will display the RW Name, Kelurahan Name and Hazard Class. You can dismiss the popup again by clicking on any area of the map that does not have a flooded polygon in it.

You can use the **table headings** to sort the table contents. For example, clicking the 'RW Flooded' heading will alternately a descending and then ascending sort of the summary table based on the number of RW's flooded.

You can use the **Zoom To Event** icon in each row to view that event on the map. You can download reports and map data for each event (which we will cover in separate modules).

The table only lists entries for 6 hourly windows where there were one or more flooded RW boundaries, so it is expected that there may be periods of inactivity during the dry season.

When there are a large number of filtered (or unfiltered) records, the summary table will **paginate**. You can adjust how many records are shown on each page and use the pagination buttons underneath the table to jump from one page of results to the next.



## Check your knowledge:.

1. **To see flood history for a city other than Jakarta, simply zoom to that city in the map and you will find the history data.**
  - a) true
  - b) false
2. **Mark all the correct statements:**
  - a) InaSAFE Flood Realtime allows you to filter reports by date range
  - b) InaSAFE Flood Realtime allows you to filter reports by event size range
  - c) InaSAFE Flood Realtime is open source – any organisation with skills or finances can contribute to its development.



## Further reading:

See the PetaBencana web site for more details on the sources of the hazard data:

<https://petabencana.id/map/jakarta>

See <http://realtime.inasafe.org/realtime/flood/> to use the flood realtime platform.