**EOSC 114: Class Project Part 2 Storms or Waves event** *Student ID:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**A STORM OR WAVE event that is of particular interest to you**

INSTRUCTIONS:

1. **Think of a STORM OR WAVE event** that you or someone you know has experienced, OR one that interests you.
2. **Review** this form quickly to ensure you know what is required.
3. **Complete this Worksheet** with data you find by researching this event.
4. **Submit data online** (in Canvas) by writing the Class Project Part 2 – Upload Storms/Waves event data Quiz.
5. **IMPORTANT**: As before, try to inspire the reader of this event. Write your title, question, image caption and especially the description so as to convince the reader this is a fascinating or important event that they will want to learn more about.

**Information about your Storm or Wave Event**

* Which one of these types of hazards best describes the event you chose?
* hurricane, typhoon or cyclone
* tornado
* lightning event
* a hazardous hail event
* thunderstorm in which lightning or hail were not the hazard
* other storm related hazard
* rogue wave or breaking wave
* hazardous coastal erosion event
* tsunami caused by an earthquake
* tsunami caused by something other than an earthquake
* some other wave-related hazard
* Did you or someone you know experience this event?
* I experienced it
* Family member(s) experienced it
* Friend/acquaintance experienced it
* Someone I know experienced it but I would rather not say who
* I do not know anyone who experienced it
* Which framework component is most closely related to the aspect you find most interesting about this event?
* Processes. What causes the event or how it works
* Forecasts or predictions. To what extent can location, time, severity, etc., be anticipated in any way
* Consequences. How were people, communities or the environment impacted
* Mitigation. How can we minimize the effects, OR recover as quickly and efficiently as possible
* Provide your OWN short, inspiring title for your chosen event. **Write a maximum of 200 characters**. (Note: characters are spaces, letters of the alphabet, numbers, and punctuation -- everything you type. Anything greater than this maximum will be truncated when uploaded to our Class Map.)

Snow adds onto Japan’s Despair

HINTS for finding the latitude, Longitude information:

1. Use Google Maps <https://support.google.com/maps/answer/18539> to find the latitude / longitude coordinates of the location you are discussing.
2. This could be the origin of the event (e.g. epicenter) or one location where the aspect you discuss was “hazardous” or “disastrous”.
3. Most commonly this information is written as: Latitude, Longitude (together but separated by a comma; this is also Google’s format, and easier to review). However, these two values will be entered into Canvas separately.

* **Latitude and Longitude**. Write the two values separated by a comma, for example UBC latitude, longitude is 49.260598, -123.246133. (If present, minus signs are important!)   
  How? See illustrated steps on last page of this Worksheet.

**38.268223, 140.869415**

* What is the country (e.g. Canada) or region (e.g. Pacific Ocean) where the aspect you are emphasizing occurred?

Japan

* **Timing**: Enter date of event if known in this format: yyyy/mm/dd OR y,yyy,yyy years ago OR enter age in this format y,yyy,yyy years OR write “future” (as applicable).

2011/03/11

* **Find a reliable source of information** about the event of your choice. Cite the titles, authors or other source information here. Or, if you chose a website, enter the URL. **Your URL entry must start with http:// or https://**

<https://www.cbsnews.com/pictures/snow-adds-to-japans-misery/>

* **How do you characterize this source?**
  + - a peer-reviewed article published in a journal
    - an online source with no author(s), but a reputable non-profit organization (e.g. a government or academic agency, disaster relief organization, weather bureau, etc.)
    - a major news agency, e.g. BBC, CBC, Huffington Post, New Yorker, The Guardian, etc.
    - a written account or story in a magazine, book, or other non-news-related source with known authors (online or paper)
    - some type of source other than these four options
* After reviewing your source, pose **one sensible, succinct question** you think is important and that you would like to ask the author(s) of this source. **Write a maximum of 300 characters**. (Note: characters are spaces, letters of the alphabet, numbers, and punctuation -- everything you type. Anything greater than this maximum will be truncated when uploaded to our Class Map.)

How has the snow impacted the number of casualties in the disaster? Could it have hampered search and rescue efforts and increased the number of casualties?

* What kind of question have you just asked?
  + - asking for clarification about some basic or background details
    - questioning an assumption or the validity of some aspect or component of this source
    - posing a “what if…” or “what about…” question that would extend the information beyond what’s in the article
    - asking a philosophical, political or ethical type of question
    - posing a question that is not really related to the article
    - asking a question that doesn't fit any of the 5 categories above
* Find one relevant **image, diagram, or map** on the internet. Provide the URL for that image, **NOT the page containing the image or where the figure is posted. Do not post the image itself**. For images, diagrams, maps from Wikipedia, click on the image itself to get to the link that starts with “**upload.wikimedia.org**…”   
  This means that the last characters of your URL should be **.jpg, .jpeg, .png, or .gif**. This is necessary for the image to correctly display ay on our class map. AVOID Google or Street View images.  
  How? Type this in your search bar: “find image URL in {YOUR BROWSER, i.e. Chrome, Safari, etc.}”)

<https://assets3.cbsnewsstatic.com/hub/i/r/2011/03/17/f6416a07-a642-11e2-a3f0-029118418759/thumbnail/620x465/d582ba0047cd0fdba521b5b2d57faeef/002-crying.jpg?v=29b5ccc4d237d9b284ce95a42effd073>

* What type of image did you choose?
  + - photo
    - map
    - data on a map
    - diagram
    - graphed data NOT on a map
    - something other than these 5 options
    - a combination of two or more of these options
* Provide your OWN short, informative and interesting caption for this image. **Write a maximum of 300 characters**. (Note: characters are spaces, letters of the alphabet, numbers, and punctuation -- everything you type. Anything greater than this maximum will be truncated when uploaded to our Class Map.)

Yoshikatsu Hiratsuka, a survivor, crying in front of his collapsed house, where his missing mother might be buried, at Onagawa, Miyagi Prefecture.

* **Write your OWN** **3-6 sentences** describing the experience OR why the event is interesting to you. Remember you would like the reader to recognize this as a fascinating or important event; one worth learning more about. **Write a maximum of 800 characters**. (Note: characters are spaces, letters of the alphabet, numbers, and punctuation -- everything you type. Anything greater than this maximum will be truncated when uploaded to our Class Map.)

Seeing rubble covered in snow is both heartbreaking and disturbing. The winter snow is supposed to be beautiful and jolly, but in this case it’s gloomy. Displaced survivors struggle to stay warm and search and rescue teams plow through the snow looking for survivors.

How long did you spend actually working on this Class Map, including doing the research, completing this Worksheet and writing the Class Map quiz? 90 minutes (numbers only, e.g., one hour is 60)

**Latitude and Longitude**

Most students in past terms got this correct. But it is easy to mix up latitude and longitude values. AND, getting their SIGN right is the most common source of error. This figure is a reminder. Please be careful when copying your latitude and longitude values from your online source to your Worksheet and to your Class Map quiz. Note for example, ALL Canadian locations have NEGATIVE longitude values!

