

Exploring the DRRM Landscape of the University of the Philippines Diliman: *How prepared are university students in case of a disaster?*

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Background



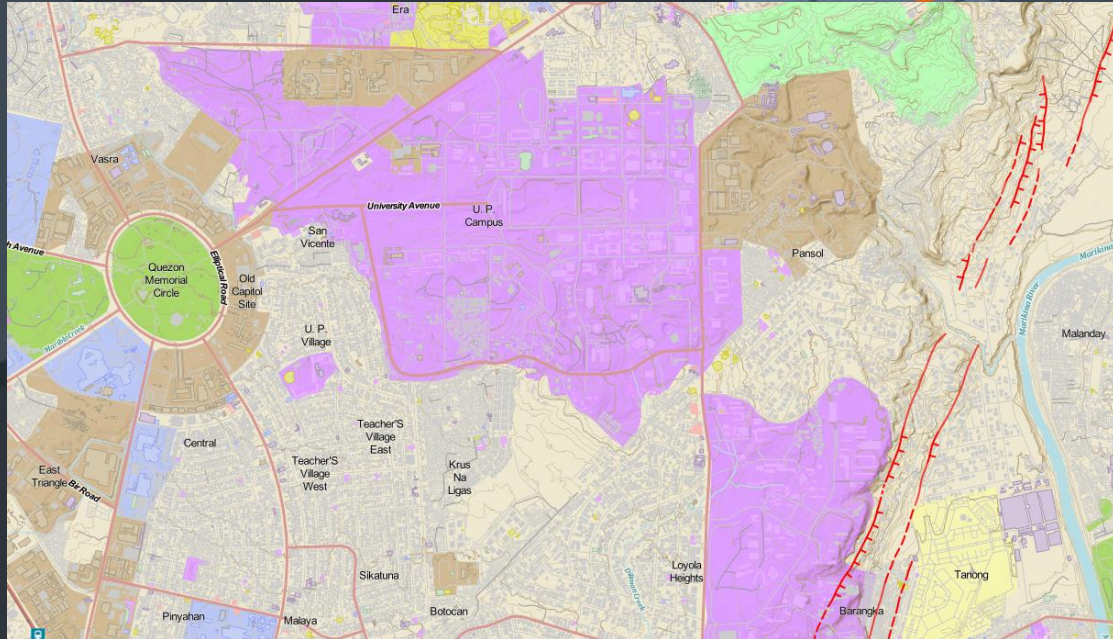
- The Philippines is a **disaster-prone** country
 - Typhoon Haiyan, flooding, storm surges, recent earthquakes
- **Philippine Disaster Reduction and Management Act (R.A. 10121)**
 - **Section 14** - DRRM in the school curricula
 - In UP Diliman, this is present in the:
 - National Service Training Programs (**NSTP**)
 - Civic Welfare Training Service (**CWTS**)
 - General Education course (Disaster Risk Mitigation, Adaptation, and Preparedness Strategies - **DRMAPS**)

West Valley Fault System



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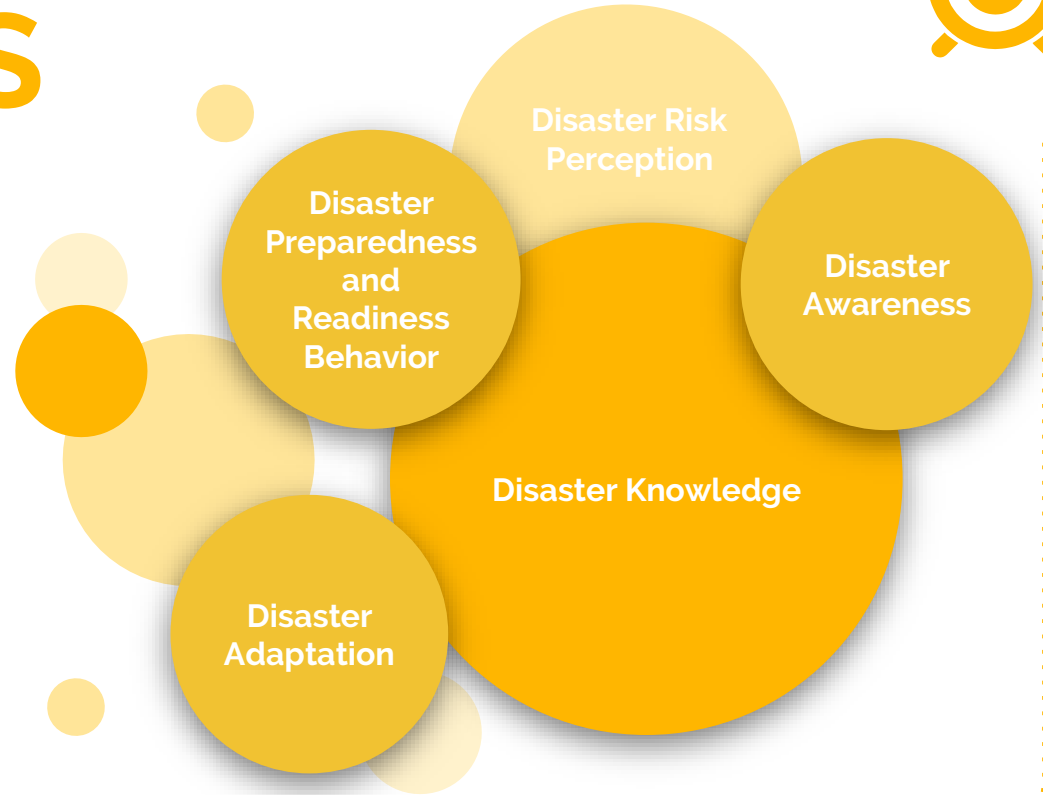


The **University of the Philippines Diliman** is one of the universities near the West Valley Fault.



CONCEPTS involved

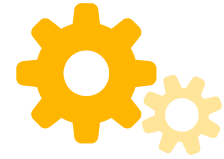
Based from the studies of
Tuladhar, Yatabe, Dahal,
and Bhandary (2014; 2015)



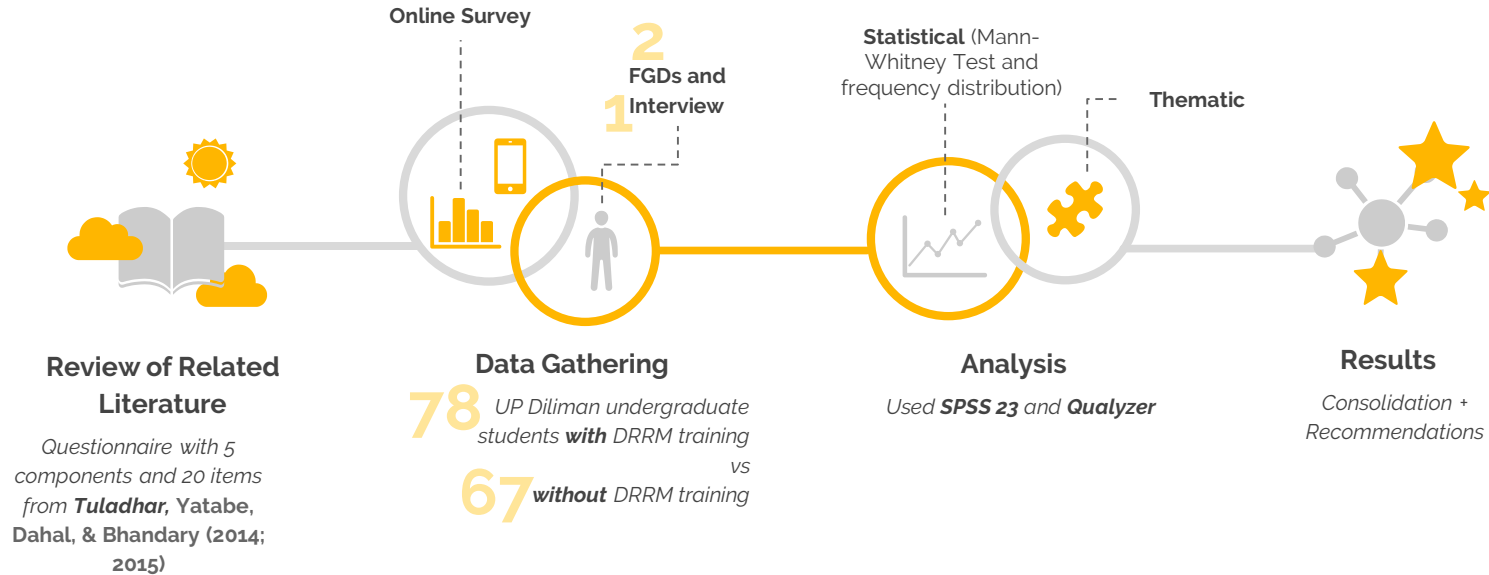
Research Question



Is there a **significant difference** between UP Diliman undergraduate students **with and without DRRM training** in terms of their disaster-related knowledge, disaster preparedness and readiness behaviors, disaster adaptation, disaster awareness, and disaster risk perception?



Our Methodology





Our Results

Key DRRM Issues	Statements	U	Sig	Effect	Descr.
<i>Disaster-Related Knowledge</i>	I have participated in disaster risk education training or workshop.	2425.00	.000	0.004	small
<i>Disaster Preparedness and Readiness</i>	I used to listen to experts or Disaster Risk Reduction (DRR) leaders who work or do activities for disaster management.	3567.50	.000	.099	small
<i>Disaster Risk Perception</i>	none				

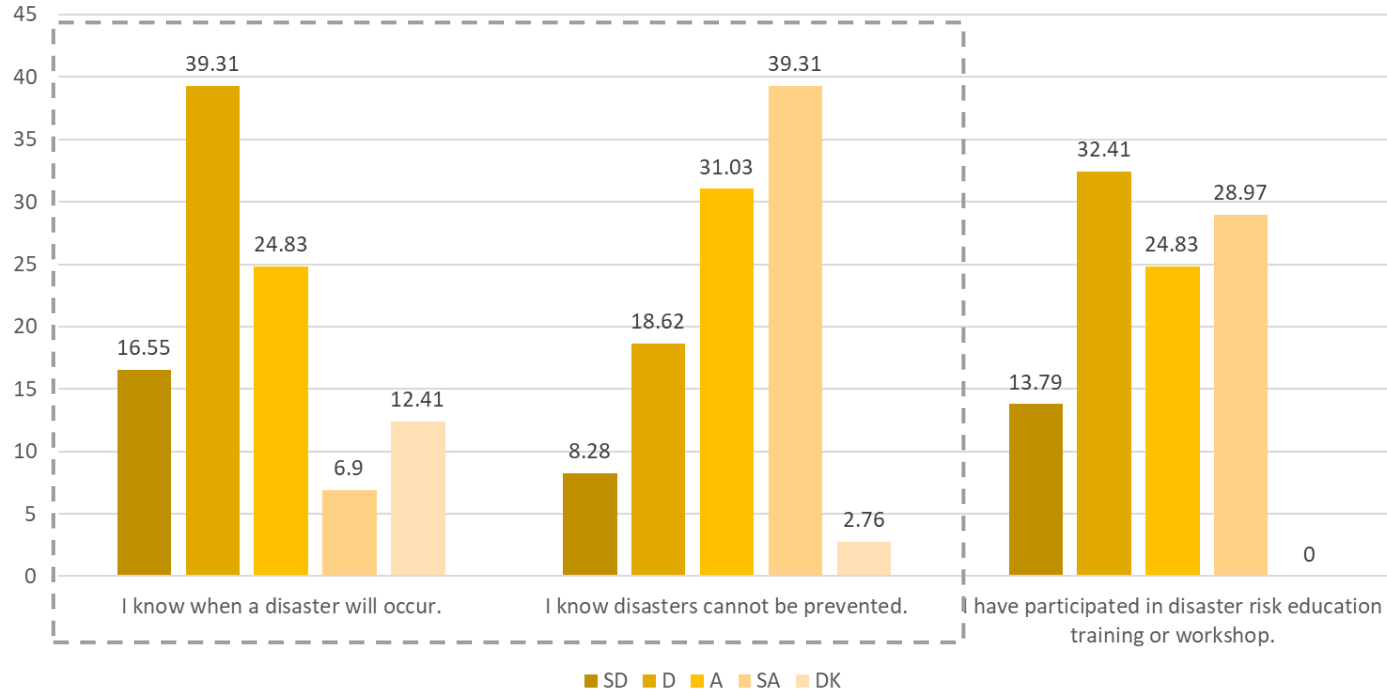


Key DRRM Issues	Statements	U	Sig	Effect	Descr.
<i>Disaster Adaptation</i>	I have information about which government office needs to be contacted after the disaster.	2878.00	.014	.008	small
	I have knowledge about an evacuation area during a disaster.	3260.00	.004	.045	small
<i>Disaster Awareness</i>	I used to participate in voluntary activities for disaster awareness campaigns.	3141.00	.016	0.03	small
	I used to prepare an emergency bag for disasters.	3327.00	.003	.055	small
	I give priority to disaster awareness in local, regional and national level.	3295.00	.003	0.05	small



Results: Overall Percentage of Response

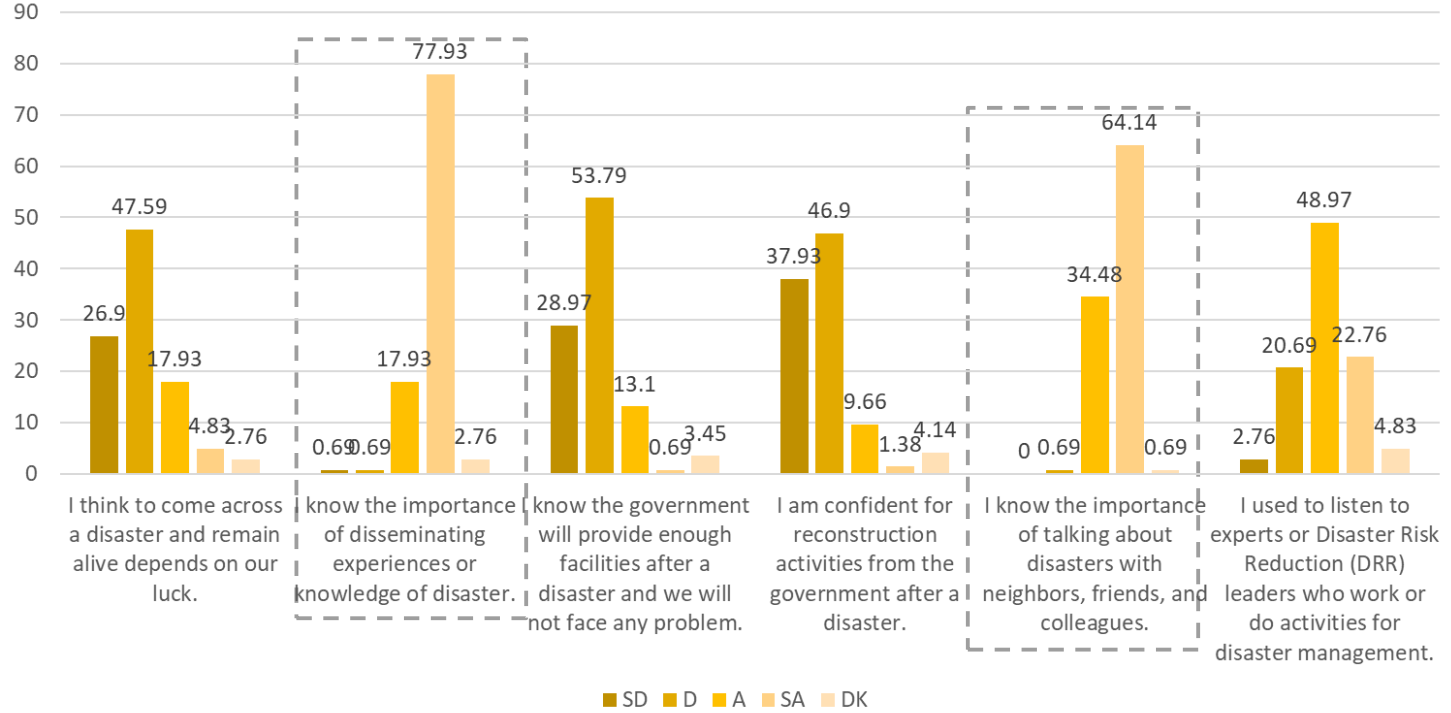
Disaster-Related Knowledge of UP Diliman Undergraduate Students





Results: Overall Percentage of Response

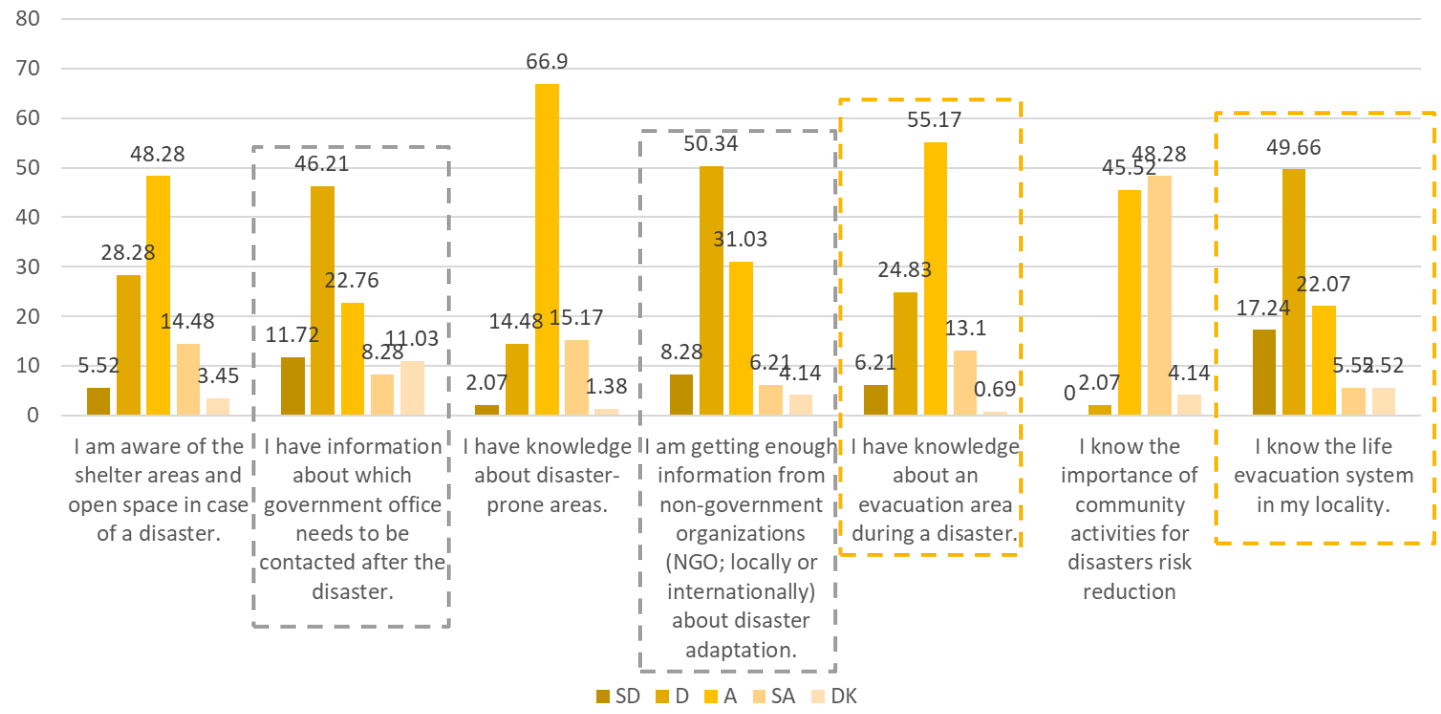
Disaster Preparedness and Readiness of UP Diliman Undergraduate Students





Results: Overall Percentage of Response

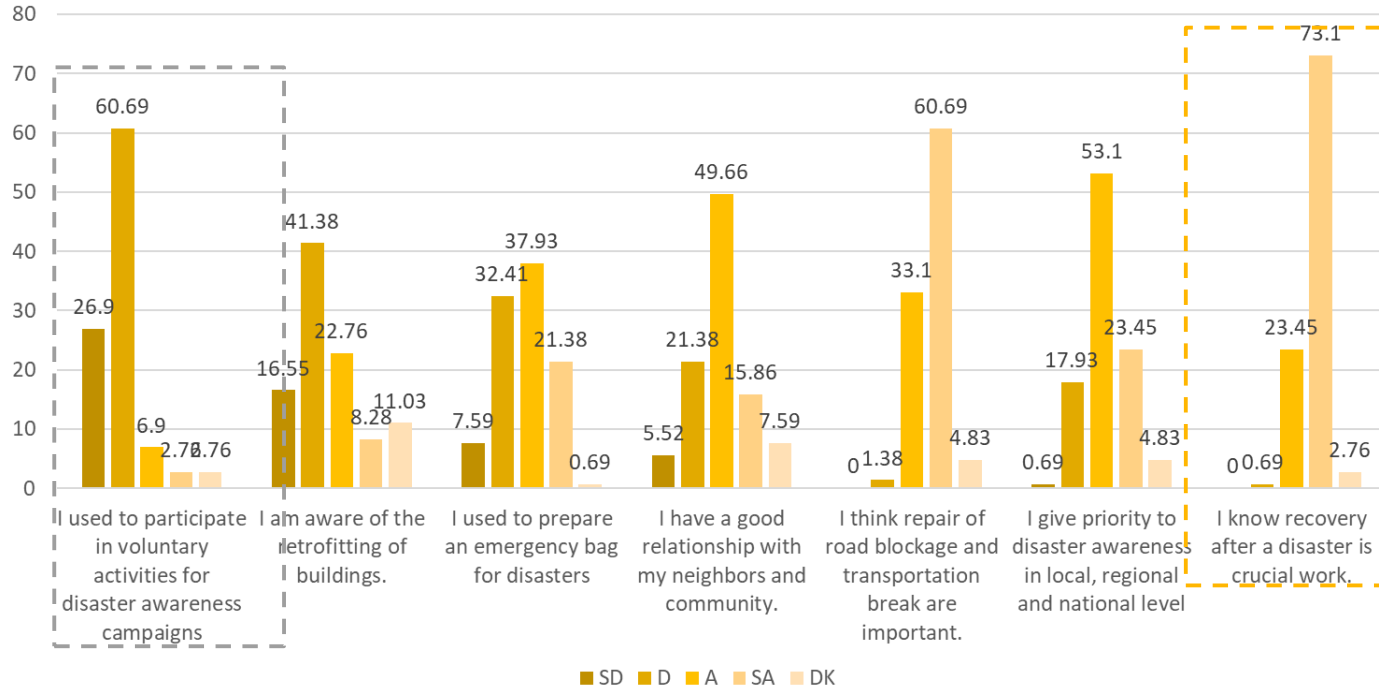
Disaster Adaptation of UP Diliman Undergraduate Students





Results: Overall Percentage of Response

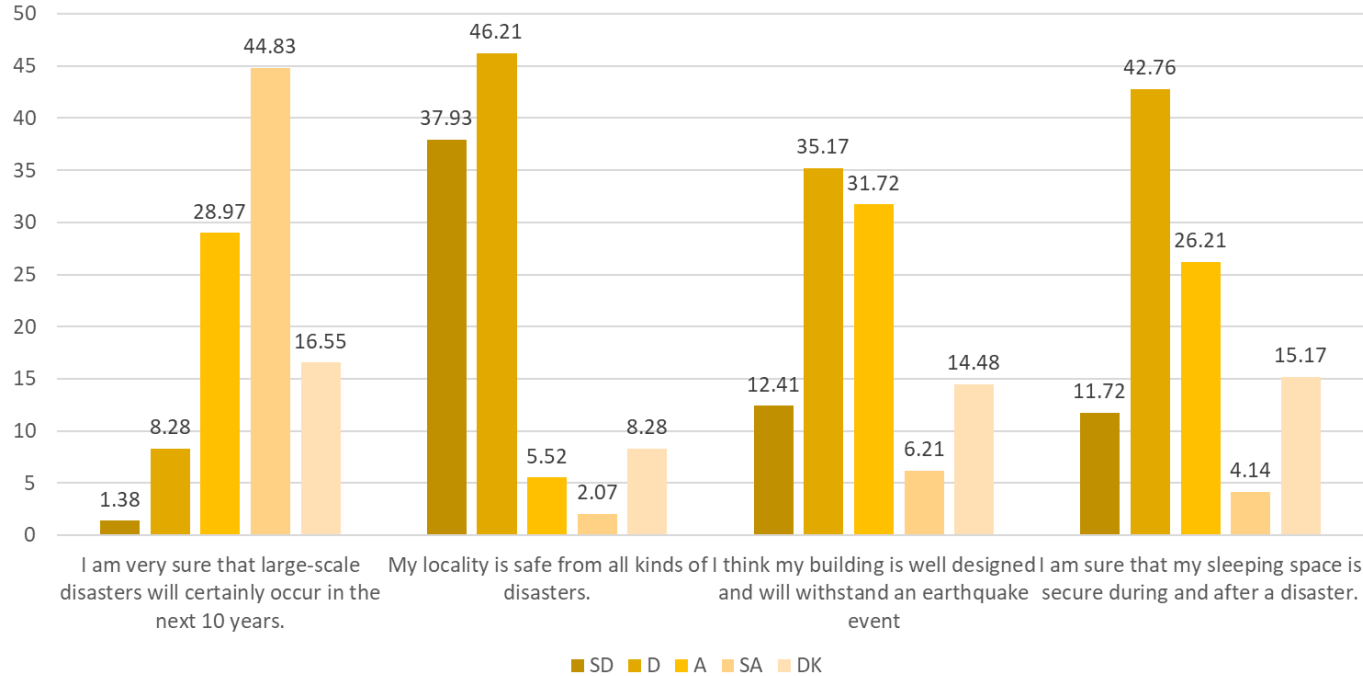
Disaster Awareness of UP Diliman Undergraduate Students





Results: Overall Percentage of Response

Disaster Risk Perception of UP Diliman Undergraduate Students



Conclusion



- **DRRM training is present** in some university students, but this is still **not sufficient**.
- Despite knowing importance of DRRM issues and concepts, these **do not seem to translate to actions** most of the time.
- There is a **need to revisit the DRRM programs in UP** and evaluate whether there is a need to improve them.

Recommendations



Policies should be disseminated to all stakeholders in UP and should be strictly enforced.



Revisit how trainings on DRRM are conducted to UP students, evaluate their effectivity, and revise accordingly.



Explore other means of training students such as involving them in the creation of the programs and considering other forms of simulation-based models of training.



Encourage students to be more proactive in knowing the DRRM policies in their localities (whether in UP or outside UP).



Thank you!

Danielle and Yra

*For questions, please send an email to
daparreno@up.edu.ph*



Credits

Special thanks to all the people who made and released these awesome resources for free:

- Presentation template by [SlidesCarnival](#)