

Appendix A.5

Translating scientific articles to the non-scientific public using the Wikipedia Encyclopedia

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Teaching method evaluation: Creation of a Wikipedia page

In Fall Semester 2017, you have attended the Heat and Mass Transfers in Magmatology course, taught by Julien Leuthold. By group of two, you had to read and present one scientific paper to the class and answer questions asked by other students. At the end of the semester, you were asked to create a new Wikipedia page about the topic treated in your article and review other students Wikipedia pages. The list of topics was:

- Lower oceanic crust
- Experimental petrology
- Deep Crustal Hot Zone
- Torres del Paine sill complex
- Kilauea Iki lava lake

This Wikipedia project was part of an ETH teaching project. I would greatly benefit of your evaluation and comments, for future improvements and extension of this teaching method to other courses. Please, take a few minutes to evaluate the Wikipedia page creation.

Ir	Independent learning techniques:					
1.	Reading my paper helped me gain deeper understanding of magmatology:					
2.	I have learned sor	mething about magma	tology while listening	to oral presentations:		
3.	I have learned sor presentation:	mething about magma	tology during the disc	ussion following the oral		
4.	Presenting an arti	cle orally helped me to	better understand the	e topic of the article:		
5.	Presenting a topic I had read:	; in a Wikipedia page h	nelped me to better un	derstand the topic of the article		
		scientific knowledge (yand/or reading the new		od/didn't know earlier) you		

The Wikipedia exercise:

Sometimes Frame Record Record				pedia during my studie	s:
8. In the past, I have already been involved in scientific communications to the public: frequently sometimes rarely never 9. It was clear what I should do during the Wikipedia exercise: 10. It was challenging to 'translate' a scientific article to a large public Wikipedia page: 11. I have made updates and changes to the sub-topics written by my colleagues: 21. Generally, I enjoyed creating a Wikipedia page: 12. Generally, I enjoyed creating a Wikipedia page: 13. I will continue writing and updating Wikipedia pages in the future: 15. I will continue writing and updating Wikipedia pages in the future: 16. Briefly explain which communication skills you newly learned/extended while writing the Wikipedia page:	frequently so		sometimes	rarely	never
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Class:

14. During the class I have developed a deeper understanding of (only tick max two):

Heat transfer	Reading scientific articles		
Mass transfer	Oral presentation techniques		
Magma composition	Public communication		
Numerical modeling techniques	It was mostly a repetition of BSc and MSc classes		

15	After this	class	I feel bet	ter nre	pared for	mv	MSc/PhD	thesis	defense:
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Comments,	suggestions,	criticisms:
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Do you accept the present results to be used anonymously in a published research article and conferences about using Wikipedia as a teaching tool?

Yes	
No	

THANK YOU!