

Study Committee B3

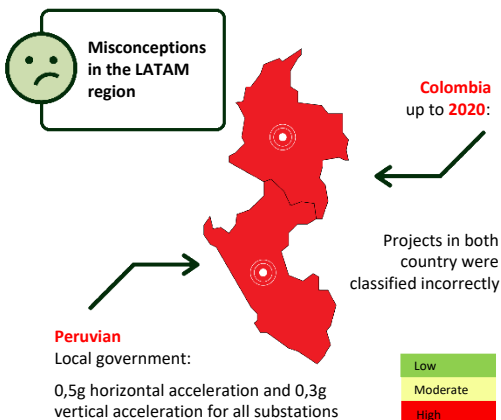
Substations and Electrical Installations

Paper ID 10972_2022

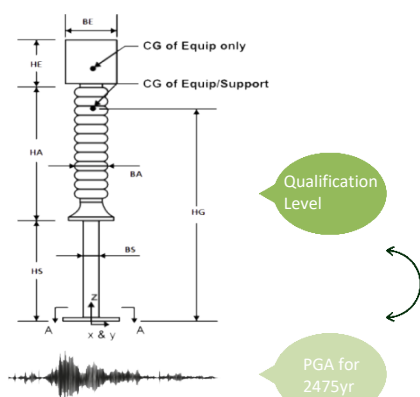
Seismic level criteria for electrical substations in Colombia and Peru according to IEEE 693

Luis Horacio Muñoz Ortiz
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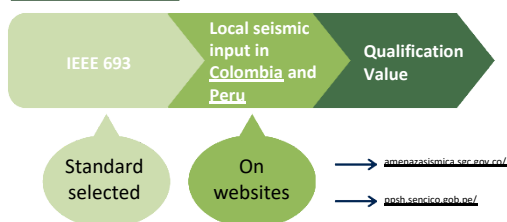
1. Motivation



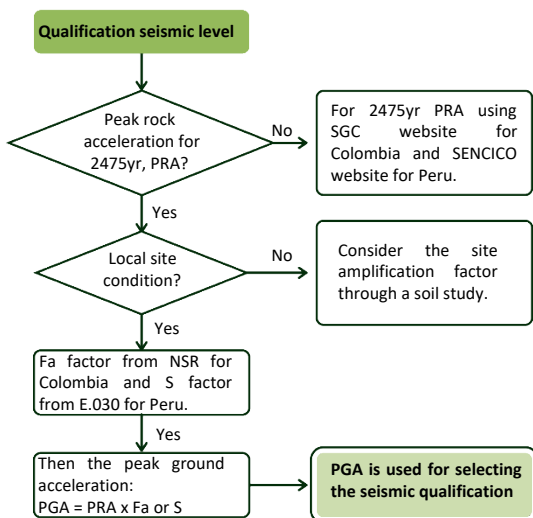
2. Objects of Investigation



3. Approach



4. Method for Selecting Seismic Level



5. Proposed Qualification Level

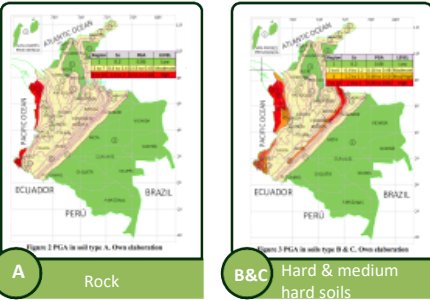
		Colombia	
	PGA [g]		Qualification
	< 0,1		Low
	0,1 ≤ PGA ≤ 0,5		Moderate
	> 0,5		High
		Peru	
	PGA [g]		Qualification
	< 0,1		Low
	0,1 ≤ PGA ≤ 0,45		Moderate
	> 0,45		High

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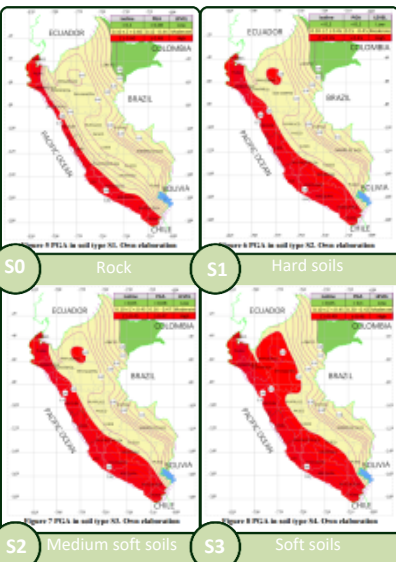
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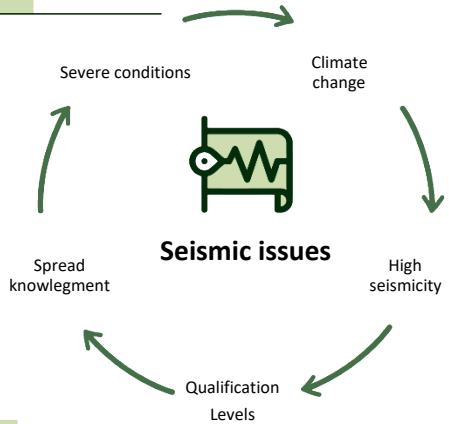
6. Mapping Results for Colombia



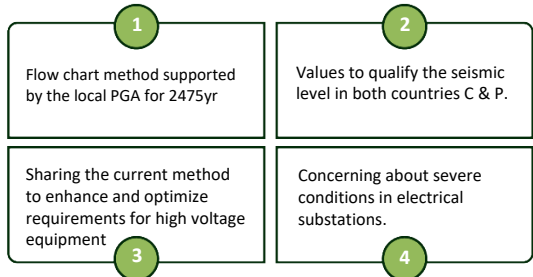
7. Mapping Results for Peru



8. Discussion



9. Conclusion



10. How Facilitate Net Zero?

