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P1.2-615

- My poster is about study of the crustal structure of the Kenyan Rift using receiver function analysis.
- Using newly collected broadband seismic data from temporary and permanent stations, we applied receiver function analysis to image the crust and uppermost mantle beneath the rift.
- This work provides new insights into crustal dynamics of the Kenyan Rift, improving understanding of how rifting and magmatism shape continental crust.
- We detected fine-scale crustal layering indicative of magmatic intrusions beneath volcanic centers.
- Integration with previous seismic models resulted in a refined Moho depth map revealing complex spatial variations related to rift segmentation.
- If you want to find out more, come over for a chat at the poster presentation area- **P1.2-615**

