

## Geo-electromagnetic research at a spreading center of a divergent plate boundary in Afar depression, Ethiopia

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In order to clarify the formation process of magnetic stripes and structure under a sea-floor spreading center at the divergent plate boundary, we are performing an on-land geo-electromagnetic research project in Afar Depression, Ethiopia, where we can investigate into a subaerial sea-floor spreading center directly. We will introduce the outline of our project and report preliminary results from 2016-2018 field surveys and data analyses.

Keywords: divergent plate boundary, sea-floor spreading, magnetic anomaly, geo-electromagnetic research, small unmanned aircraft