

## Noise Modeling at EMR: planning the development of sophisticated models

Modeling seismic waves to Newtonian Noise is of critical importance to understand the impact on the instrument of residual noise at the vertices of ET. The models that currently exist are considered not sufficiently sophisticated to appropriately take into account the layered structural geology in the EMR region. Plans and deliverables are presented to develop the required models to resolve this issue and improve the estimates of Newtonian noise in this region.

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**Track Classification:** Site Preparation & Characterization (SPB): SPB/SCB