

ArcticSGD Science Plan Overview: Geology

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implemented in partnership with:

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<u>Hypothesis</u> 1: Active SGD can only be found at locations where permeable formations outcropping seafloor are present and are within close proximity to the current and past glaciers.



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Hong et al. (2019)

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Hypothesis 2: Past SGD activity can be reconstructed through the study of authigenic minerals, such as authigenic barite and carbonate.



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Hong et al. (2019)



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Haldorsen et al. (2010)

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Thank you!

Working together for a green, competitive and inclusive Europe

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