#### Outline



#### Outline





#### Outline

| 1



































1



BFZ

Fig. 3

Koehl (2021)

Sassenfjorden

5 km









Asymmetric folds can now be confidently mapped in seismic reflection data since they can be mapped in high/resolution 3D seismic data, are tied to exploration wells, and correlate to equivalent onshore structures.

# S

SE E K



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# S









































WNW–ESE-striking late Paleoproterozoic thrust systems were recently mapped off the Faroe Islands...

2



WNW–ESE-striking late Paleoproterozoic thrust systems were recently mapped off the Faroe Islands...

2



2







2





Advances in seismic mapping suggest that (1) rift-orthogonal orogens extend into previously assumed oceanic domains and (2) localize the formation of major transform faults, thus forming orogenic bridges between continents.



Mosqueira Gonzalez et al. (2021)





