



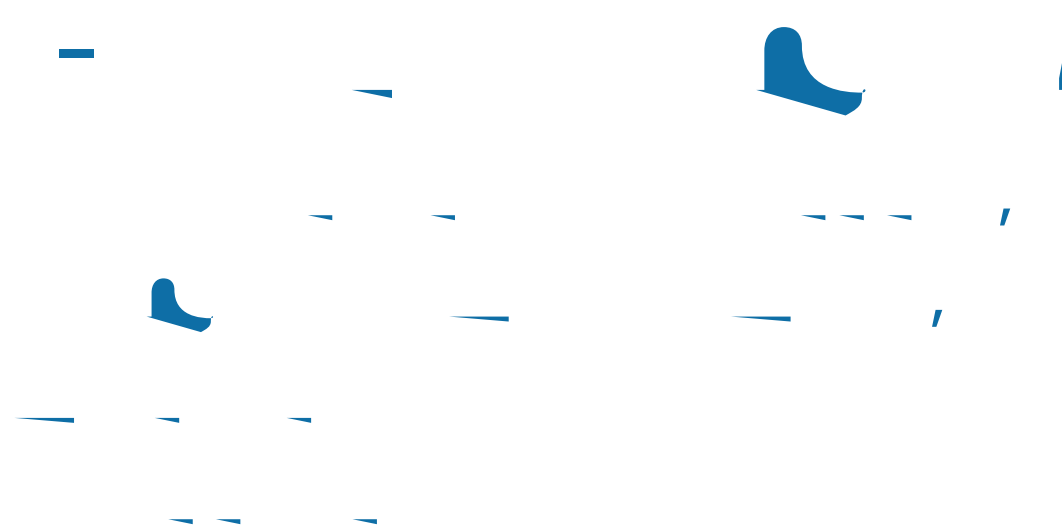
Wilmer  
Center



Perkins  
Institute

October 2024





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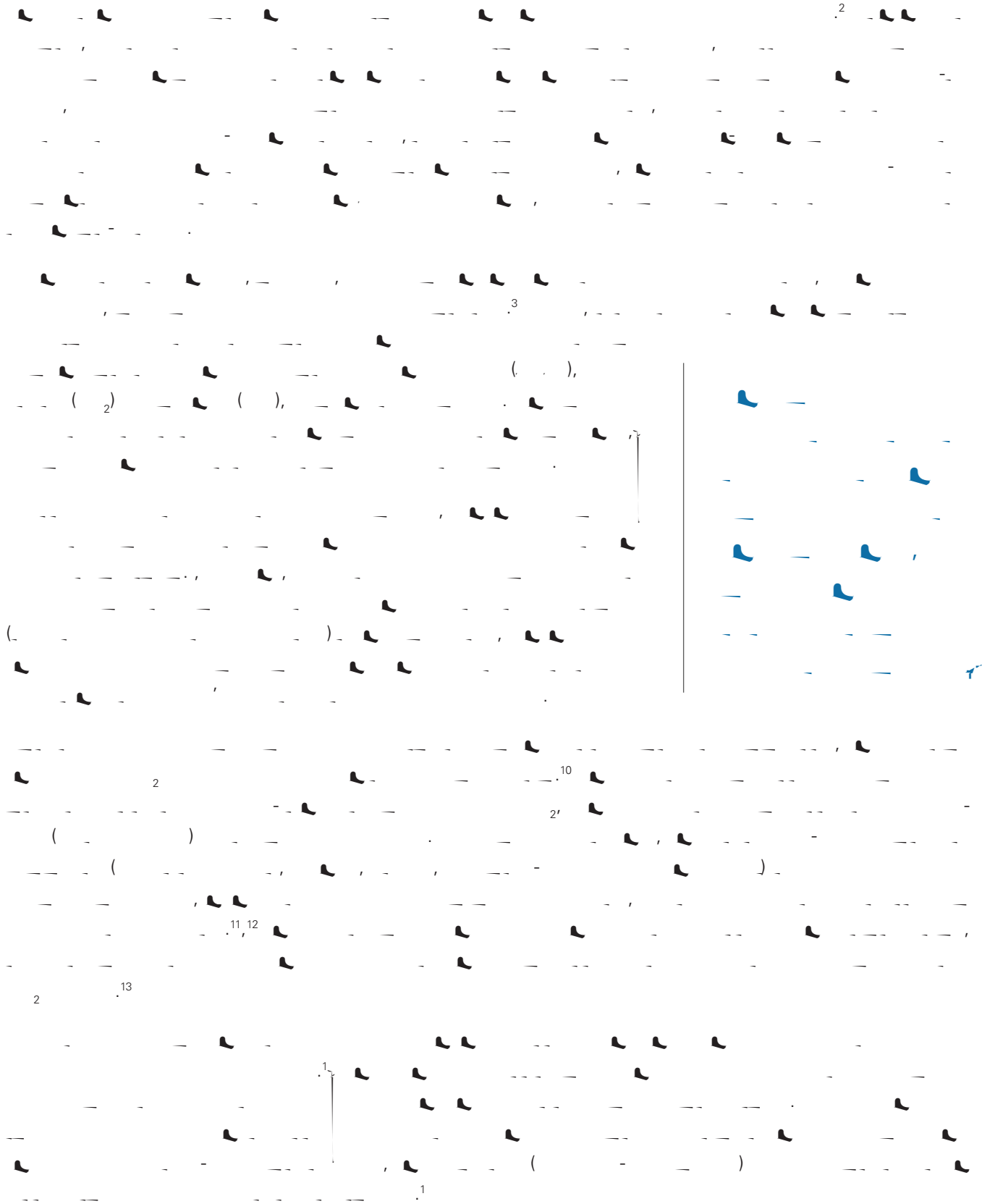
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October 2024

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# The Significance of Arctic Permafrost in Global Climate Change



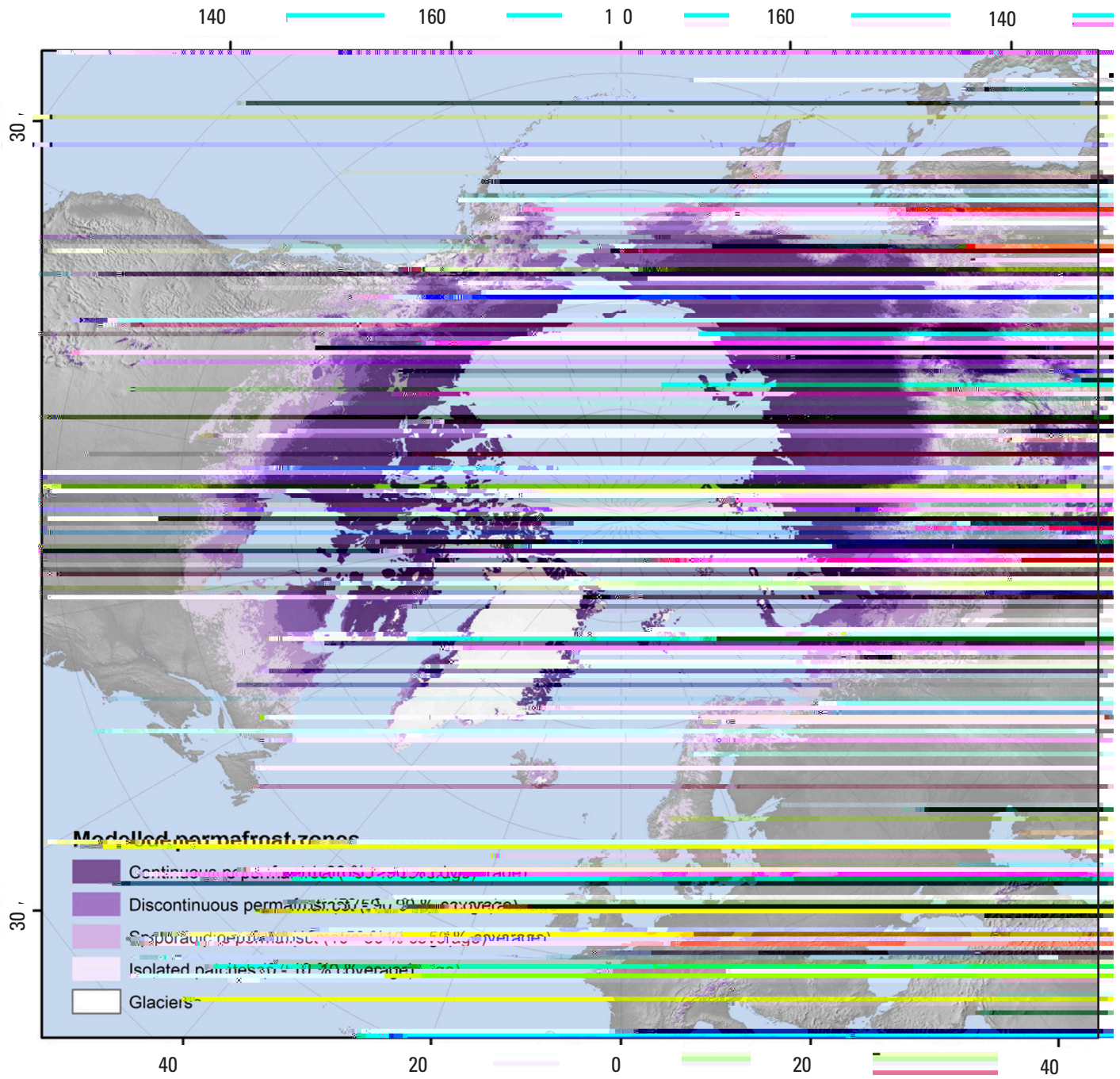


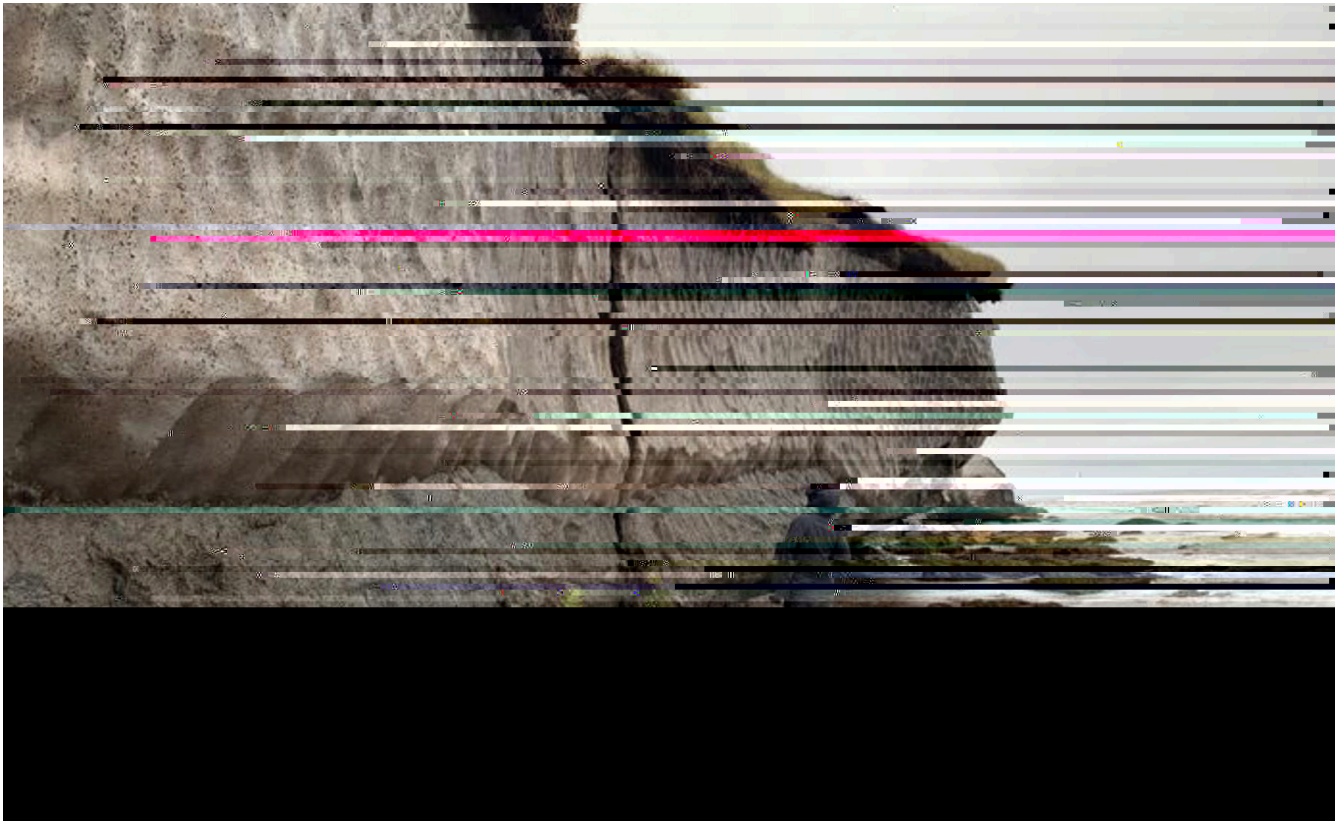
Image from Obu, et al. (2019)<sup>14</sup>





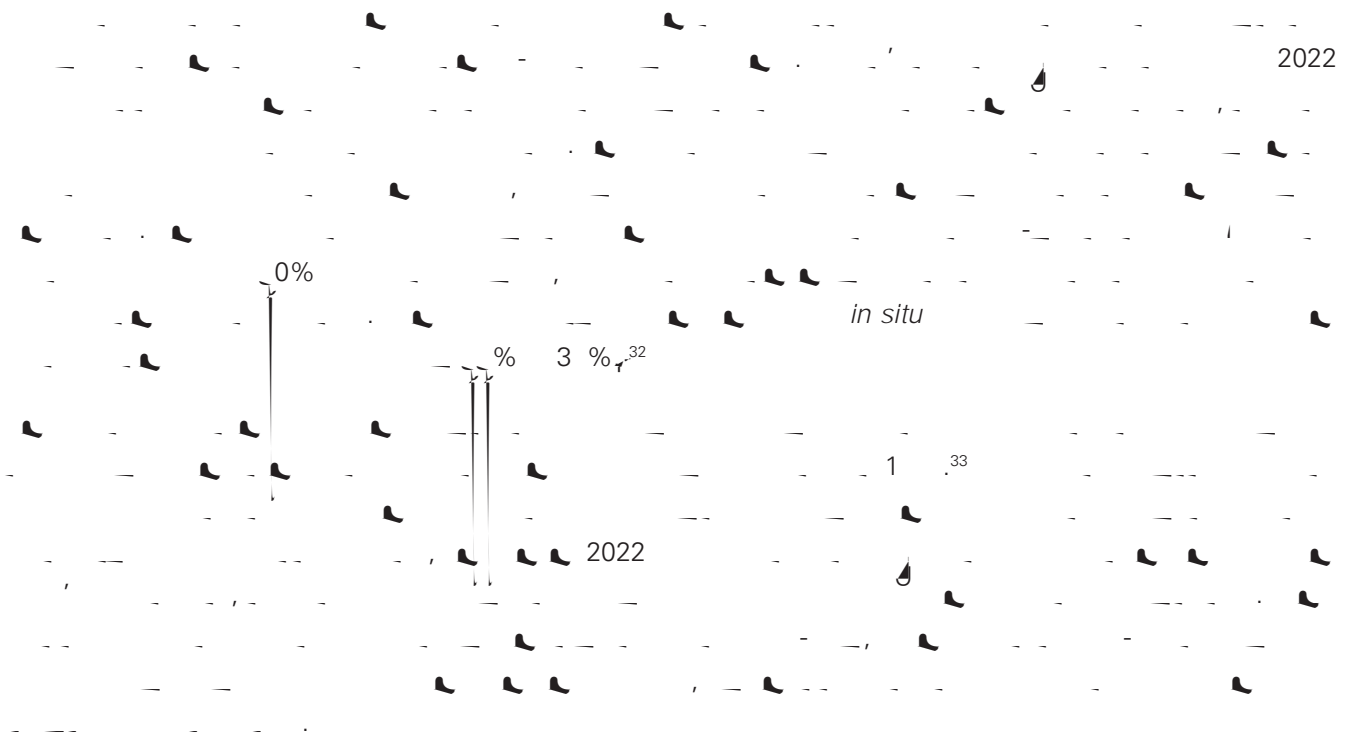
## Why Focus on Methane (CH<sub>4</sub>)?



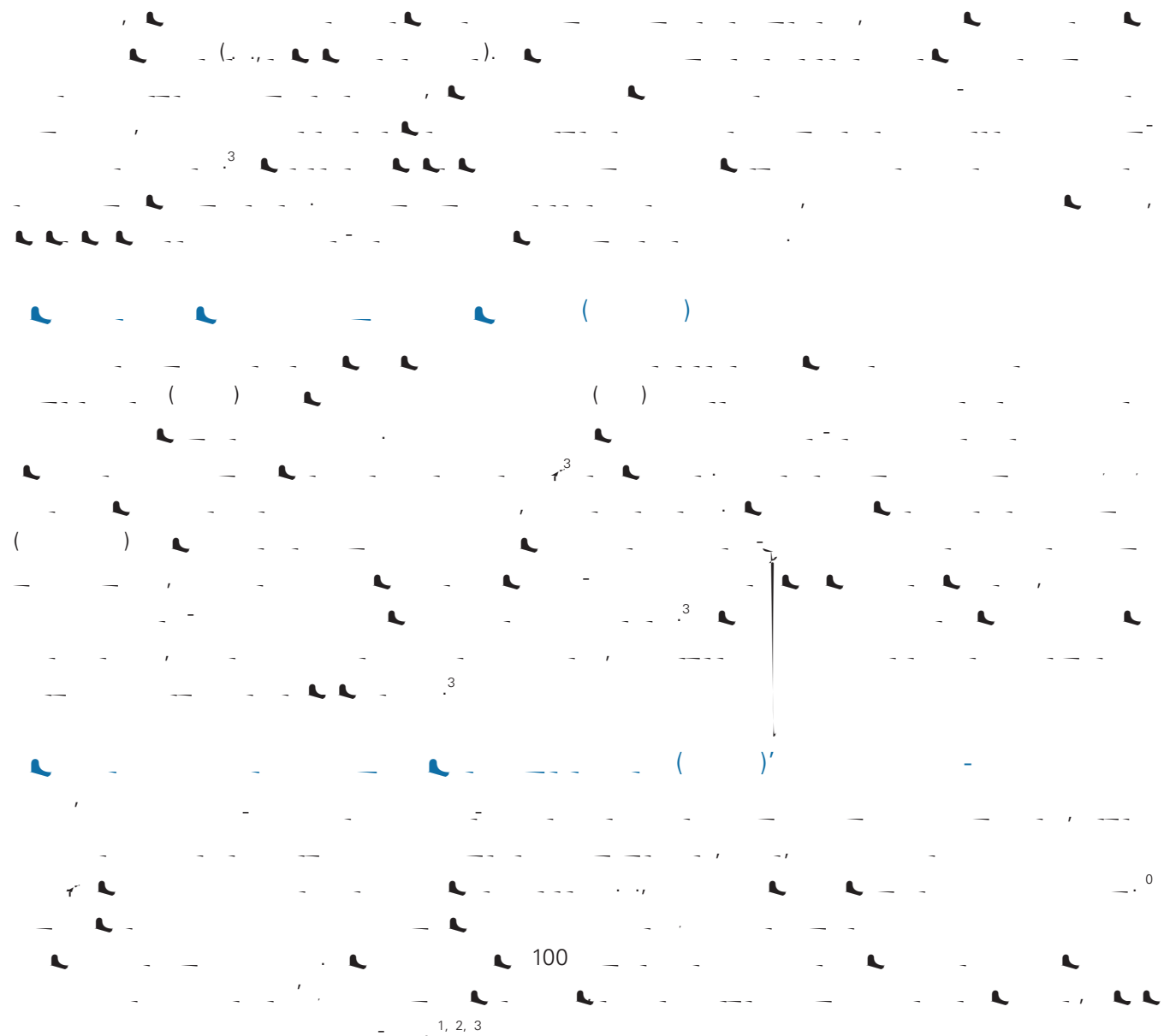


Large permafrost bluff near Drew Point Alaska. Photo courtesy of Jennifer Frederick.

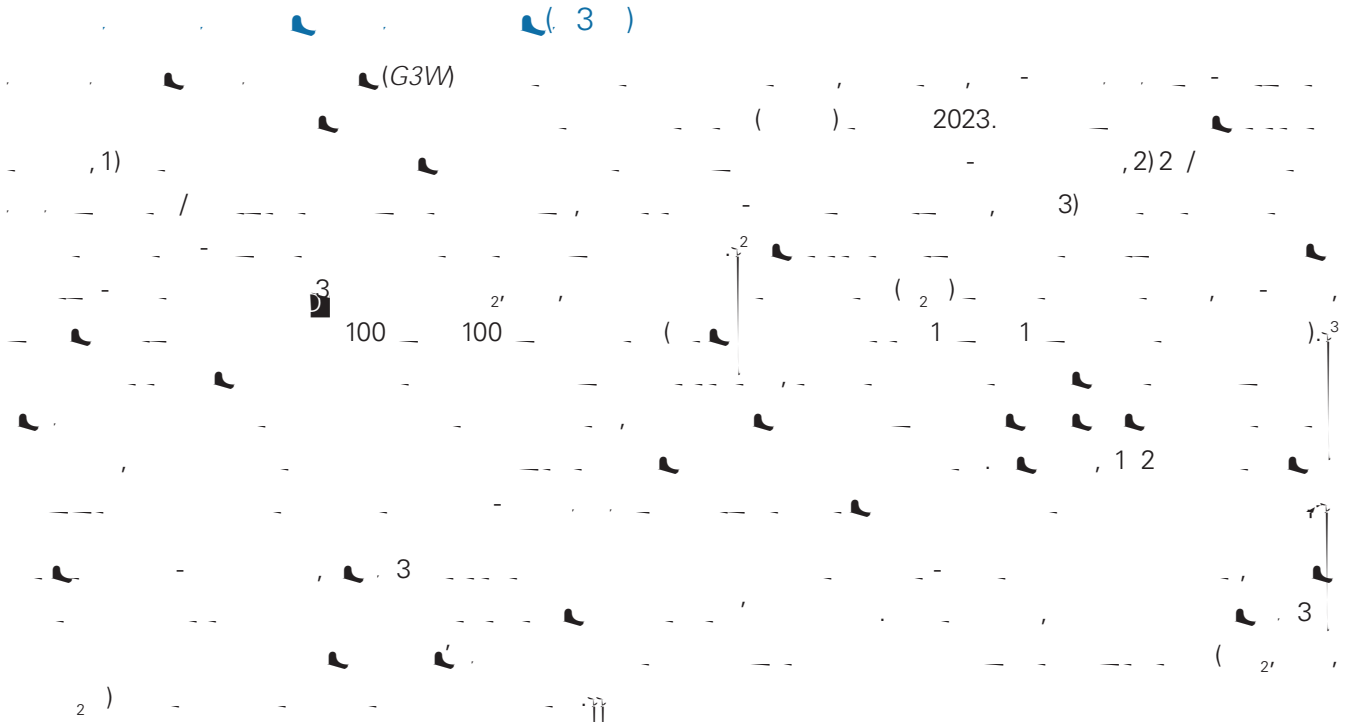
## Geopolitical Complexity



## Arctic Relevance of Current International Methane-Monitoring Initiatives







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## Summary and Conclusions



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## Endnotes

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et al. Commun Earth Environ 3, 1 (2022). <https://doi.org/10.1038/s43247-022-00133-1>

2023, 1, 301-303, <https://doi.org/10.1038/s43247-023-00123-2>, 2023.

(2000-2020) Global Biodiversity Assessment (GBA) 2020 (the) Arctic-1





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