

CAN WE SAVE THE ARCTIC FOX?

Strategies for conservation

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WHERE HAS THE ARCTIC FOX GONE?

Despite being protected in Norway since 1930, the arctic fox population struggles to rebound. In 2005, only 21 litters were recorded. By 2023, though there were 39 litters, the population remained around 330, far below the sustainable level. Urgent conservation measures are essential for their survival and to preserve biodiversity. The arctic fox is classified as endangered on the national red list due to its small population.

THE PROBLEMS WE'RE FACING TODAY:



Climate Change: Rapidly altering arctic habitats and disrupting ecosystems.



Habitat Loss: Intrusion by human activities leading to shrinking habitats for arctic foxes.



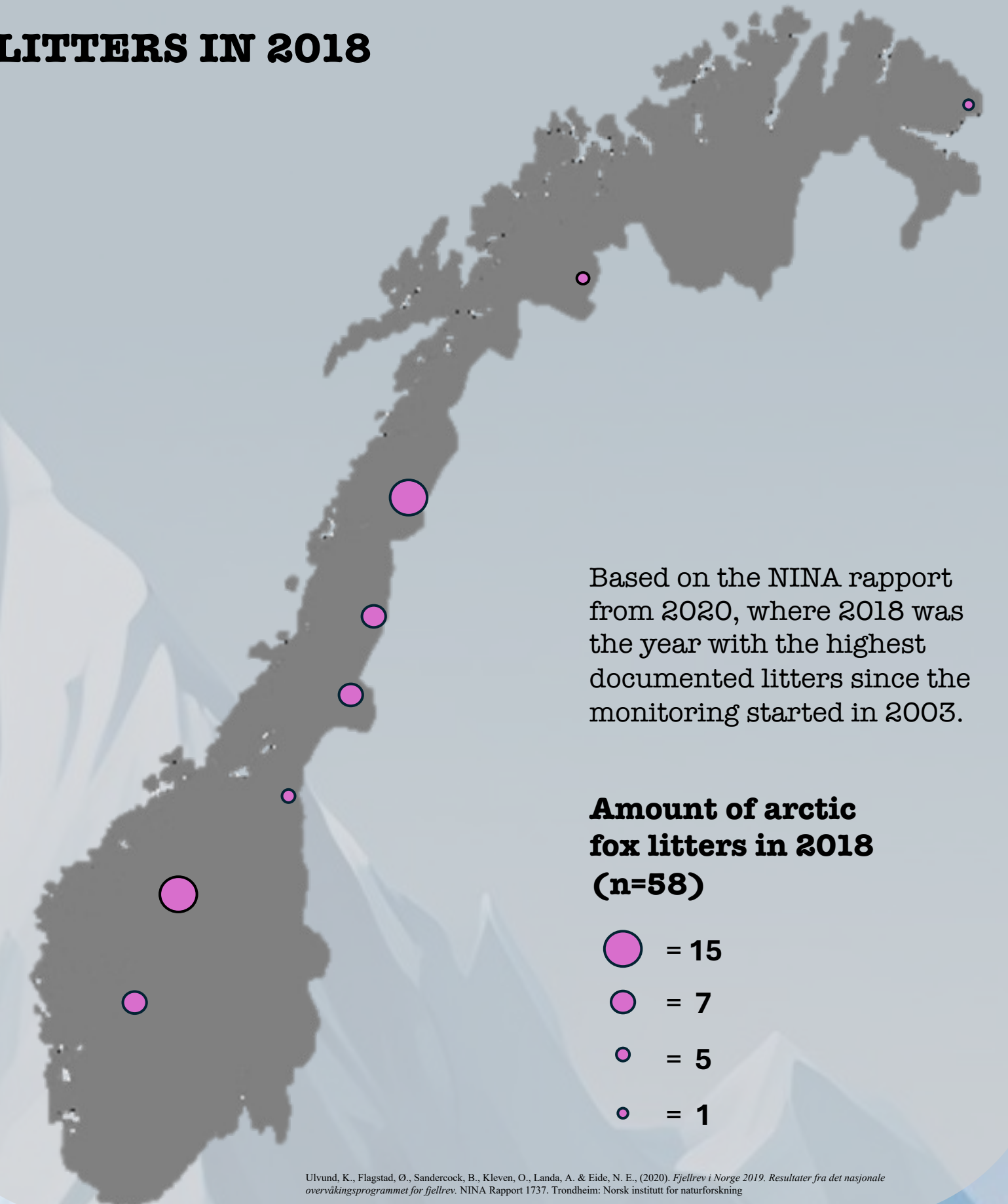
Loss of Prey Availability: Declining prey populations due to environmental changes and human activities.



Human Disturbance: Direct inference by human presence impacting arctic fox behavior and habitats.



SPATIAL DISTRIBUTION OF ARCTIC FOX LITTERS IN 2018



Based on the NINA rapport from 2020, where 2018 was the year with the highest documented litters since the monitoring started in 2003.

Amount of arctic fox litters in 2018 (n=58)

- = 15
- = 7
- = 5
- = 1

Ulvand, K., Flapstad, G., Sandrock, B., Kveven, O., Landa, A. & Eide, N. E. (2020). Fjellvev i Norge 2019. Resultater fra det nasjonale overvåkingsprogrammet for fjellvev. NINA Rapport 1737. Trondheim: Norsk institutt for naturforskning

STEPS TO MAINTAIN A VIABLE ARCTIC FOX POPULATION:

STEP 1: Mitigate climate change impacts through advocacy and sustainable practices, aligning with SDG target 13.2

STEP 2: Implement breeding programs and monitoring efforts to strengthen arctic fox populations, supporting SDG target 15.5

STEP 3: Preserve and restore arctic fox habitats through protected area designation and habitat restoration projects, in line with SDG targets 15.4 and 15.5

STEP 4: Reduce human wildlife conflicts and hunting impacts through community engagement and enforcement of wildlife protection law, which contribute to SDG target 15.5 and 15.a

