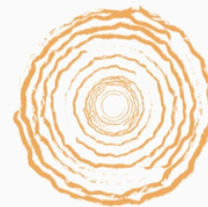


CASE STUDY RECREATIONAL AREAS

TICK-BORNE DISEASES



BIOME
PLANETARY HEALTH SOLUTIONS

OVERVIEW

Nothing keeps visitors away from your park, outdoor museum, petting zoo, or outdoor facility like the presence of ticks. Ticks spread pathogens when they bite humans, sometimes resulting in diseases like Lyme disease or Anaplasmosis, which can affect you and your pets. Biome PHS performs evaluations of outdoor areas and offers strategies that help prevent tick-borne diseases among your clientele, staff, and community.

MITIGATION

MONITORING AND ANALYSIS

To understand the scope of the problem, tick populations and the populations of animals that ticks feed on will be evaluated on a case-by-case basis. Specimens will be tested for disease.

PUBLIC OUTREACH

Visitors are responsible for their safety. We make sure they have the right knowledge and tools to keep themselves safe while enjoying your outdoor area.

BIODIVERSIFICATION

Tick-borne diseases thrive when there is low biodiversity. By balancing predator and prey dynamics, tick populations may decline, meaning your guests have a lowered risk of being bitten and contracting a disease.

DELIVERABLES

INDIVIDUAL EVALUATION

We will visit your park or facility and perform tick drags, a method of analysis to determine how many and what species of ticks are present. Specimens will be analyzed for disease and results will inform mitigation.

THOROUGH RESEARCH AND OUTREACH

We have extensive research experience, and our network of Planetary Health professionals is wide. We use these resources to build effective tools that educate park visitors, such as infographics to place at trailheads and videos that can be posted on your website.

COMPREHENSIVE SOLUTIONS

We will provide a summary report of findings and suggested solutions that will help mitigate tick-borne diseases among park visitors. We can suggest sources of funding to help you get these strategies off the ground quickly and correctly.

CONCLUSION

Biome PHS partners with you to provide tick-borne disease mitigation strategies that keep visitors, pets, and the community safe, healthy, and happy.



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