Statistics play a vital role in evidence-based policymaking as they provide us with clear, objective, numerical data on essential aspects of our surrounding environment, including the degradation of local ecosystems, plant and animal populations, and revegetation after a wildfire. Statistics also provide projections for future activities and analytical insights which can also help generate management hypotheses and intervention scenarios that can further improve the effective management of disturbed areas.

Why do we need to value sagebrush?

Big sagebrush is exceptionally beneficial to plant ecosystems. Various species of fauna and herds of rangeland animals, which have long served as the foundation of western communities, are fed by these plants. Many researchers agreed that it serves as the lifeblood of rural communities and Tribal lands in the West.

To learn more about Sagebrush, please check out fws.gov/program/sagebrush

The availability of satellite data is expanding exponentially, which can be used effectively for revegetation. Therefore, land managers and stakeholders must be prepared to gather, analyze, and utilize statistics relevant to their success.