

# Using Remote Sensing Technology to Support Hippophae Rhamnoides L. Ecological Environment Effect Assessment

**Authors:** MENG Jihua, ZHAO Hailan, XU Meng

## **Abstract:**

The ecology effect of Hippophae rhamnoides L. is widely concerned and utilized. However, due to lack of complete and reliable data of the quantity and distribution of this resource, the R&D and application of big area precise monitoring technology is very rare, and the ecological effect of big area Hippophae rhamnoides L. lacks scientific evaluation. These all result in the limitation of further utilization of the plant's ecological effect. In order to better protect Hippophae rhamnoides L. resource, scientifically cultivate and manage this species, the following three areas should be the direction of next-step research work, they are: a nation-wide background survey and map-making of Hippophae rhamnoides L. using remote sensing technology; dynamic monitoring of the quality and condition of the plant using remote sensing technology; and the evaluation of the plant's ecological effect using remote sensing technology.

**Key words:** Hippophae rhamnoides L., remote sensing technology, ecological effect, precise monitoring

## Reference

MENG Jihua, ZHAO Hailan, XU Meng Using Remote Sensing Technology to Support Hippophae Rhamnoides L. Ecological Environment Effect Assessment. *Biodiversity Conservation and Green Development, Vol.1, No. 4, March 2022, ISSN2749-9065*