

INDICATORS TO MEASURE SUSTAINABILITY OF SOIL ENVIRONMENT-A CASE STUDY IN MUONGBU RESETTLEMENT AREA IN MUONGLA DISTRICT, SONLA PROVINCE, VIETNAM,

Ngo Van Gioi, Nguyen Thi Nham Tuat,

TÓM TẮT:

Set Indicator consist of 19 indicators divided to 3 groups: pressure indicators group has 4 indicators from PI1 to PI4. State Indicators group has 9 indicators from SI1 to SI9 and Response indicators group has 5 indicators from RI1 to RI5. The results were divided into 5 different levels of sustainability, from unsustainable to sustainable and total score indicators from 0 to 1000.

Muongbu resettlement area is reached at poor sustainable level with a total score 334.5/1000. Almost indicators are very low score, especially PI4, SI2, SI3 and RI5. Base on the results have shown to improve the environmental sustainability of land at Muongbu, communities need to implement comprehensive solutions such as application of sustainable technical on sloping land as SAL1, SAL2. Reducing pressure on resources by reducing rate of bird, land reclamation by organic fertilizer to improve crop yield...