

SITUATION AND SOLUTIONS FOR IMPROVING WATER QUALITY OF HANGING LAKES IN HA GIANG PROVINCE

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Summary

Hanging lakes supplying water for rural population of Ha Giang province mainly constructed in the four highland rocky mountainous districts of Meo Vac, Quan Ba, Dong Van and Yen Minh. This source of water has become the major source in dry season and largely meet the water demand and stable social security of people in these districts. However, up to now, some hanging lakes have degraded; water shortage has become a major issue in dry season while the water turns into green with many algae created scum on the surface. Besides, operation and management of these lakes have not been properly concerned and technical solutions for hanging lakes need to be adjusted appropriately and synchronously. In order to ensure these lakes to be in a good function and to avoid wasting in the investment, an evaluation of the actual situation of these lakes need to be implemented to propose appropriate solutions for improving the water quality for the water disadvantaged people.

Keywords: *Hanging Lake, Ha Giang, water supply, water quality, water treatment.*