City of Kitakyushu Hiraodai Karst Hirotani moor revival "Planimetry and Groundwater"

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Hiraodai karst located in Kitakyushu City, Fukuoka Prefecture, has Hirotani moor.

Originally there is no water on the surface of the karst. However, the Hirotani moor is maintained by a special cause involving karst and granite zone, and registered to important wetland of Japan 2016. The Science Group has been planimetry form 1994.

Then we noticed the Hirotani moor's area has decreased 60% through 1994-2010. So we are doing regeneration activity using groundwater. As a result, Hirotani moor's area has increased 22% through 2010-2016. Now We are doing Conservation activities around groundwater. This spring, we have done planimetry of Hirotani moor Fifth time to quantification.

Keywords: karst, water quality survey, groundwater recharge, moor, planimetry, Hiraodai

北九州平尾台カルスト 広谷湿原の復活(面積測量と地下水)











