

Runoff analysis of the water resource from Odaigahara

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The system to estimate an amount of water runoff using GIS data was developed. The water runoff was analyzed by the systems using GIS data with 100m mesh scale, precipitation data and flow rate data of rivers. The analysis system clears the amount of water runoff by the typhoon No.12. The Kino River flow is 498 million m³ per 8 days, and the Shinguu River is 1.6 billion m³, and the Miya River is 425 million m³. The amount of water runoff is compared by the value of observing station, and the accuracy of system is checked.

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