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## **Open Source Geospatial Applications to support River Basin Management in Kharaa River Basin, Mongolia**

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### **ABSTRACT:**

An open access geoportal, developed using open source technologies, delivers a comprehensive overview of all geodata available for the Kharaa River Basin in Mongolia. The Water Quality Monitoring Database is made available in PostgreSQL/PostGIS format and embedded in the geoportal. Web maps in the Geoportal can be linked to monitoring data using interactive queries to the Water Quality Database enabling water managers to create thematic maps on demand for the development of a comprehensive river basin management plan for the Kharaa River Basin.

#### Open Source Geospatial Applications to support River Basin Management in Kharaa River Basin, Mongolia FOSS4G 2016 Academic Track

