

## **IMPROVING INVERTEBRATE BIOLOGICAL MONITORING**

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Statistical power analysis contributed to the design and implementation of a reservation-wide biological monitoring program for streams on the Confederated Salish and Kootenai tribal lands. Invertebrate bioassessment metrics and indices were studied and sampling intensity was adapted to increase the likelihood of detecting small-to-moderate changes in community attributes thought to be related to disturbances. We compared results between watersheds to test whether a single sampling scheme could be generalized to the variety of streams on the reservation.