



Stream bed sedimentation - predicted cover in all river reaches nationwide

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| Title | Stream bed sedimentation - predicted cover in all river reaches nationwide |
| Publisher | New Zealand's Environment Reporting Series: The Ministry for the Environment and Statistics New Zealand |
| Description | <p>Fine sediment is the collective term for inorganic particles smaller than 2mm that are deposited on the beds of rivers and streams. Urban development, agriculture, and plantation forestry around waterways can increase the amount of sediment entering river systems. Sediment can clog the spaces between pebbles used by aquatic insects and fish, and degrade food sources and sites used for egg laying. Excessive sedimentation can also affect the suitability of rivers and streams for recreation. Predictions of the proportion of deposited fine sediment cover are provided for every river reach in the River Environment Classification. These were calculated via a regression model using the measured proportion of fine sediment cover, slope of the river, climate and catchment land cover. NZREACH = River location ID from the River Environment Classification pred_obs = predicted contemporary percent fine sediment cover pred_expec = predicted pre-human percent fine sediment cover This dataset relates to the "Stream bed sedimentation" measure on the Environmental Indicators, Te taiao Aotearoa website.</p> |
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