

Aerial Image Analysis of the North Fork Stillaguamish River

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This project aims to determine if the river course, stream banks, and gravel bars of the North Fork Stillaguamish River are changing significantly from erosion and deposition, especially in relation to the increase in sediment availability after the devastating 2014 Oso landslide. Additionally, this project aims to separate these changes from long-term patterns already affecting the river independently of Oso. The sediment transport resulting from the slide is likely to have an impact on wildlife in and around the river. This project will assess how large this impact could be. Moreover, information provided by the project will be valuable to local and state agencies tasked with protecting water and transportation infrastructure. There will also be outreach opportunities to educate the local community about the effects of the slide on the Stillaguamish ecosystem.