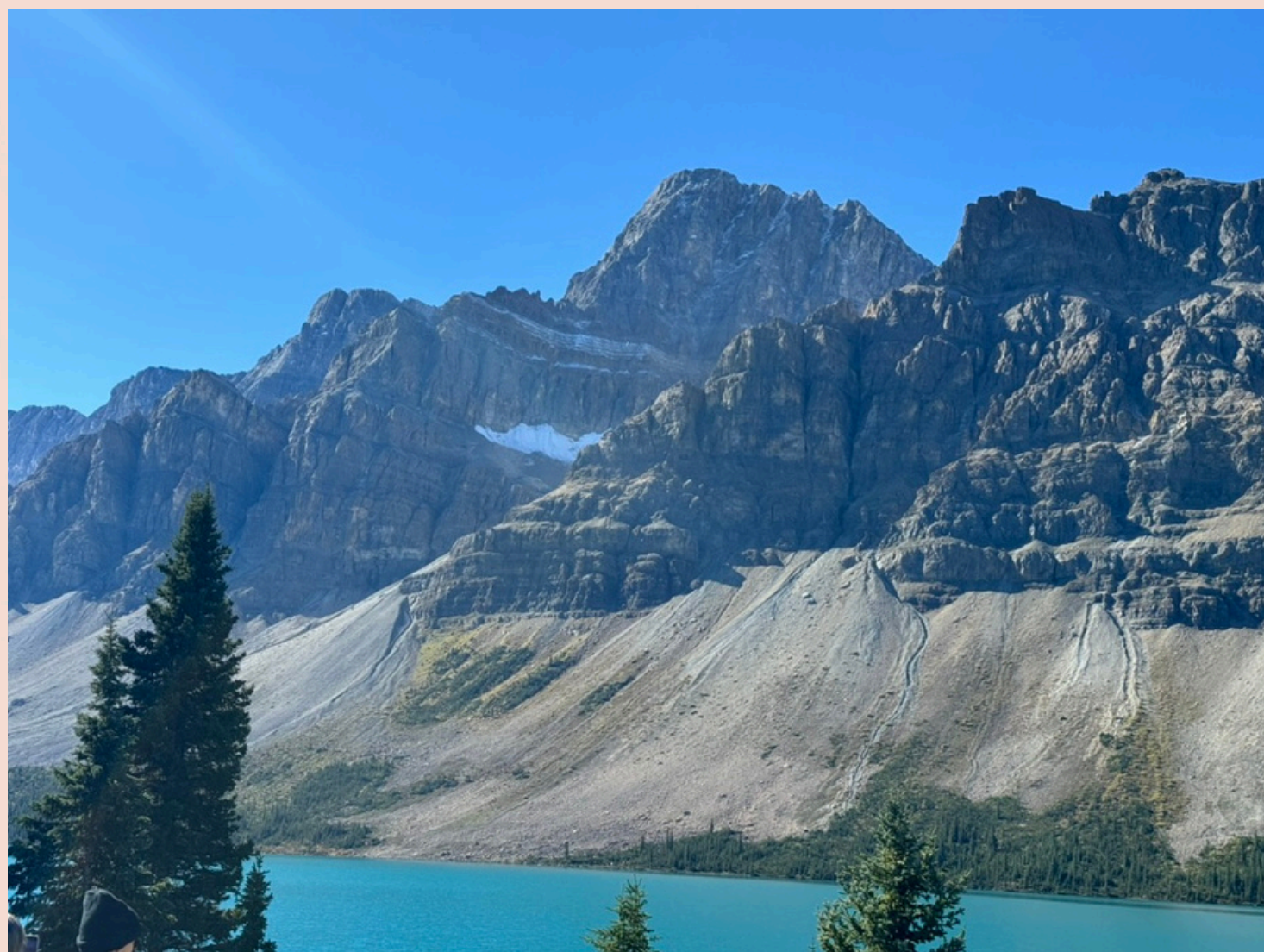




Story of the Canadian Rockies Landscape



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The magnificent landscape of Canadian Rockies, being one of the most popular tourist destinations in Canada, has enthralled all kinds. But has anyone wondered how these fun ski- slopes or hiking trails along the rivers form and how are they changing each year? My work explores these curious questions and aims to understand the landscape evolution of the Southern Canadian Rocky Mountains. The primary objective is to interpret the interaction between tectonics, climate, and lithology, which shape the landscape. These mountains were formed by deformation of carbonate marine shelf rocks, around – mya, and since then have been extensively reworked by rivers and more recently by glacial erosion. Therefore, these ranges provide an excellent opportunity to unravel the post-glacial recovery process of a transitioning landscape. So, if you have ever enjoyed and maybe wondered about the beauty of landscapes around us, then this talk is just for you!

