



## Where Land Meets Water

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Inside every ocean, river and stream, lies a space where water meets land. In this space, the water and land interact in a way in which we are left behind a message to decipher. Special patterns and lines are paved, and they give us insight into how they were created. Were these patterns created in a dangerously rapid river during a storm? Were they created over millions of years in a motionless ocean? Understanding how these patterns and lines are created is crucial to our ability to reconstruct the past. In my research, I run trials where sediment interacts with the force of water, and I try to recreate the rock record, taking special note of patterns and shapes in the rock. With my experiments, I plan to use my own rock record as a key to unlocking and understanding the ancient spaces where land met water.