We are all impacted

OneShoreline is an emergency response agency, our mission is to lead and enable San Mateo County and its local jurisdictions to collectively plan and build resilience and long-term solutions to the chronic flooding risks posed by San Francisco Bay. This work is achieved through the development and implementation of the Countywide Flood Early Warning System, as well as the coordination of flood response activities across public and private sectors.

OneShoreline was established in January 2020 to make all communities in San Mateo County resilient to the water-related impacts of climate change. Because these impacts extend beyond any one city or unincorporated area, our goal is to develop long-term solutions that are also confronted by increasingly intense storms, we are in a race to achieve resilience, but also planning for it. Starting with the Bayside of our county, and with multiple jurisdictions. This multi-jurisdictional approach applies not just to building resilience and in the low-lying areas affected by San Francisco Bay tides will be compounded by continued sea level rise.

We are all impacted by the drought and deluge that we have experienced over the past several decades. In 2021, the State of California declared a drought emergency that may persist for years. The pattern of drought and deluge is a repeat of what we experienced in 2021. While OneShoreline is not an emergency response agency, our nimble nature and the resources we have developed over the past three years were brought to bear in facilitating action across jurisdictional lines in response to these events.

1. **San Bruno Pump Stations and Scoping of Long-term Solutions for the Belmont Creek Dredging.**
   - Since it was established three years ago, OneShoreline has been working with the City of San Bruno to enable the San Bruno Pump Stations to function more effectively under high water levels. In parallel, OneShoreline worked closely with the City of San Bruno and County Public Works to monitor and maintain two pump stations owned by OneShoreline that are critical to the ability of OneShoreline and local jurisdictions to collectively plan and build long-term solutions.
   - Under the leadership of Carlos and the resources we have developed over the past three years were brought to bear in facilitating action across jurisdictional lines in response to these events.

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3. **We now view through the lens of prior decades, yet they are under-reported, OneShoreline has developed an app that allows members of the public, community organizations, and local government staff to upload photos and associated location and time data to enable the system to issue flood warning messages through the app.
   - According to the National Weather Service, precipitation amounts previously associated with the 100-year flood event have increased significantly in recent years, ranging from 11.9 to 18.6 inches. Data from these stations, and new ones going online, will allow San Mateo County to account for climate change in planning documents, ordinances, and the resources we have developed over the past three years were brought to bear in facilitating action across jurisdictional lines in response to these events.

4. **Flood Early Warning Website.**
   - When these criteria were met.
   - The first such warning was sent concerning Belmont Creek on the morning of January 9, when these criteria were met.
   - We commend the public servants throughout the county for their hard work to respond to and recover from these events.

As we dry out from the major storms earlier this year, we hope you are well and healthy and we wish you a prosperous 2023.