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TRANSFERING NEW TECHNOLOGIES TO COASTAL MANAGERS: PROGRESS IN MONITORING AND MANAGEMENT FOR HARMFUL ALGAL BLOOMS

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INTRODUCTION

Harmful algal blooms (HABs) are occurring with increasing frequency, duration, and distribution in the coastal United States, often having devastating impacts on coastal resources and local economies. Some HABs have even been shown to cause serious human health problems. To mitigate the impact of algal blooms, NOAA partners with coastal community leaders to enhance existing monitoring programs with HAB early warning capabilities. Technology plays a critical role in these programs. Through targeted funding, research grants, and the SBIR program, NOAA solicits and supports technology development to enhance coastal management and protection and to move NOAA-funded research into applications. This session will feature scientists and management partners discussing the role of new technologies in advancing HAB monitoring and management. Speakers will present specific examples of technologies that have recently come online or are under development