During deep blowouts, the bulk of oil spilled is submerged. Thus, assessing tradeoffs between water column exposure and coastal impacts for first response becomes challenging. We focus on understanding the behavior of oil and chemical dispersants in high pressure environments, and quantifying the oil-fate processes that enable predictive capacity of vertical and lateral oil migration through the water column.

Join an interdisciplinary team of chemical and computer engineers, oceanographers, and ecologists contributing to model innovations and dedicated to marine conservation!

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