



Your Weather Department

Decision Support for Dredging

Dredging activities carried out in shallow seas or underwater are adversely affected by waves and swells, ocean currents, tides and tidal currents, and tropical systems. Other extreme weather such as high winds and windshifts, severe thunderstorms, winter storms, extreme temperatures, and flooding can also affect such projects. These weather events can impact schedules, injure workers, and damage or destroy expensive assets and equipment, resulting in financial losses. Project managers require timely site-specific weather impact information and actionable guidance in order to protect people, property, and projects from the effects of severe weather. StormGeo Onshore solutions help dredging companies prepare for and minimize the effects of severe weather events on dredging projects.

StormGeo dredging services benefits

- Provide optimal project scheduling guidance
- Assure site-specific preparedness and operation for severe weather conditions
- Protect employees, materials, and equipment
- Minimize project interruptions and downtime
- Analyze historical and climatological parameters (i.e. waves, winds, currents) for project bidding, planning, and engineering
- Suggest evasion routes for approaching tropical threats or other extreme weather events

StormGeo weather support for:

- Capital dredging for new ports, harbors, and waterways
- Maintenance dredging for deepening, widening, and maintaining navigable waterways
- Land reclamation
- Beach nourishment
- Route between dredging and disposal locations