



Marina Consulting Services

Dry Stack Facilities
Boat Yards

Wet Slip Marinas
Mega Yacht Facilities

Boat Ramps/
Public Access
Residential Facilities

Amenities &
Services
Yacht Clubs

Municipal Waterfronts
Resort Development

Cruise and Ferry
Terminals



Ocean and Coastal Consultants, Inc. (OCC) provides comprehensive consulting services to owners, operators, and developers of recreational marina projects. Our staff has experience with numerous marina projects in North America, the Caribbean, the Middle East and Asia and collaborates with the owner and project team to develop solutions that are economical, environmentally sensitive, and aesthetically pleasing. OCC can guide your project from initial site assessment and feasibility studies, into concept design, through the complex regulatory permitting process, and ultimately to design and construction.

OCC PROVIDES COMPLETE MARINA CONSULTING SOLUTIONS

PLANNING • DESIGN • DEVELOPMENT

SERVICES

Initial Site Screening and Due Diligence

Economic Feasibility

- Market assessment
- Opinion of probable cost
- Pro Forma financial analysis

Regulatory Feasibility and Due Diligence

Engineering Feasibility

- Navigation/dredging requirements
- Site exposure to environmental elements (wind/waves/wakes/current/ice)
- Infrastructure recommendations (docks, utilities, shoreline stabilization, wave protection, etc.)

Planning and Concept Design

Regulatory Permitting Services

- Federal, state and local
- Environmental assessment
- Operations and maintenance plans

“Green” Marina Services

- Clean marina certification assessments
- Environmental audits
- Sustainable siting, design, materials selections and construction practices
- Design of hull washing systems

Numerical Modeling

- Water quality/flushing analysis
- Wave modeling
- Structural analysis

Design

- Berth layout/geometry
- Boat ramps
- Dredging and dredged material disposal
- Coastal/marine structures (revetments, bulkheads, breakwaters, jetties, piers (fixed & floating))
- Dredging and dredged material disposal
- Coastal/marina structures (breakwaters, jetties, piers)
- Shoreline stabilization (revetments, bulkheads)
- Utilities (power, water, sewer, fuel)

Bidding and Construction Administration Services

MARINA DEVELOPMENT CHALLENGES

The recent downturn in the economy has had a profound impact on the boating industry, including marinas and boatyards. Now more than ever it is essential that a marina facility be designed to maximize the owner's return on investment (ROI). Often, the design solutions that improve a facility's bottom line also facilitate the regulatory permitting process, by maximizing berthing efficiency and flexibility, minimizing environmental impacts (shading, dredging footprint) as well as both initial and operating costs (construction, utility efficiency, maintenance dredging, infrastructure maintenance).



www.ocean-coastal.com

OFFICE LOCATIONS

www.cowi.com

Connecticut

35 Corporate Drive
Suite 1200
Trumbull, CT 06611
PH 203-268-5007

Massachusetts

475 School Street
Unit 9
Marshfield, MA 02050
PH 508-830-1110

New Jersey

20 E. Clementon Rd
Suite 201N
Gibbsboro, NJ 08026
PH 856-248-1200

New York

19 West 21st Street
Suite 703
New York, NY 10010
PH 646-545-2125

South Carolina

1036 eWall Street
Unit 1A
Mt. Pleasant, SC 29464
PH 843-375-2005