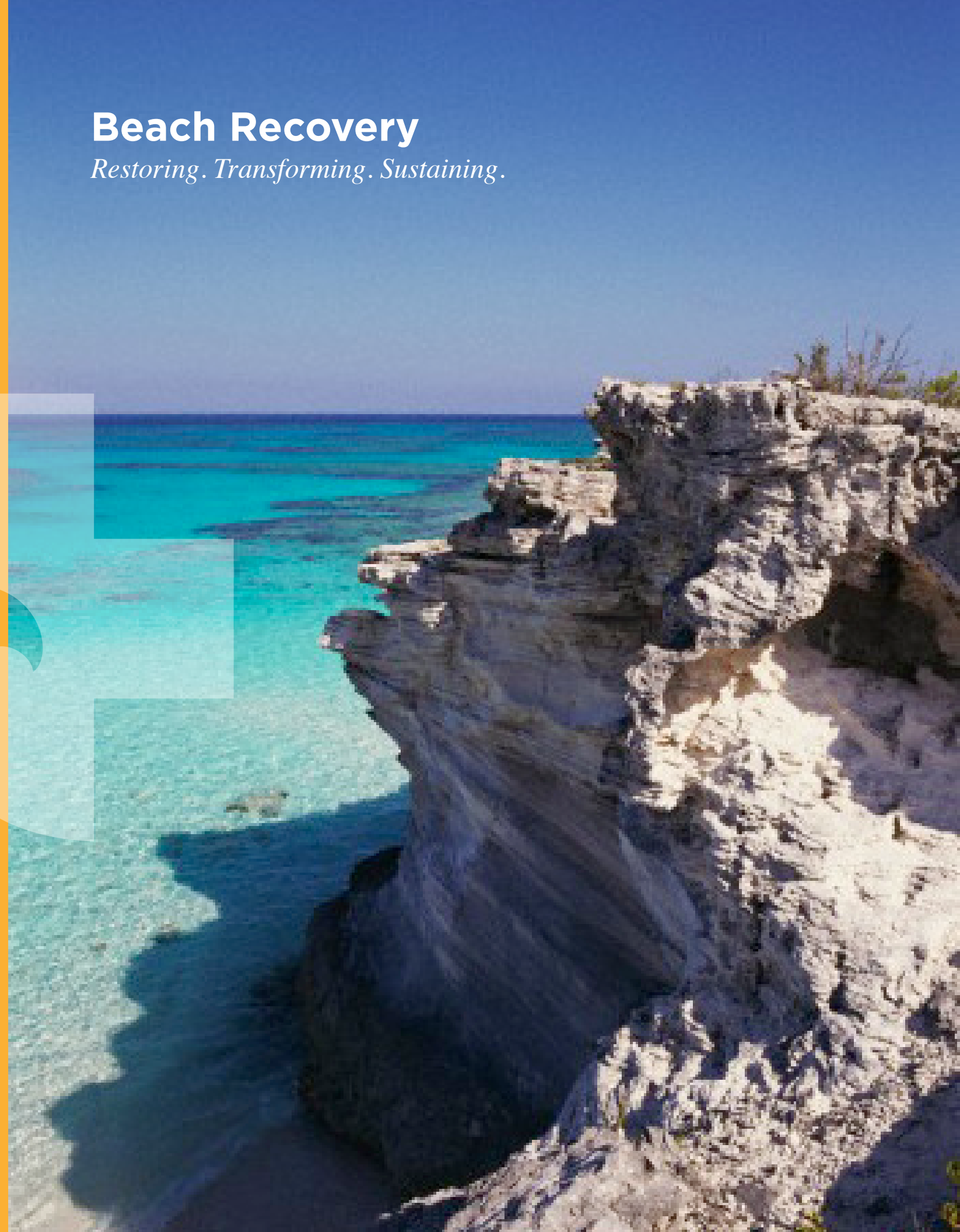


Beach Recovery

Restoring. Transforming. Sustaining.

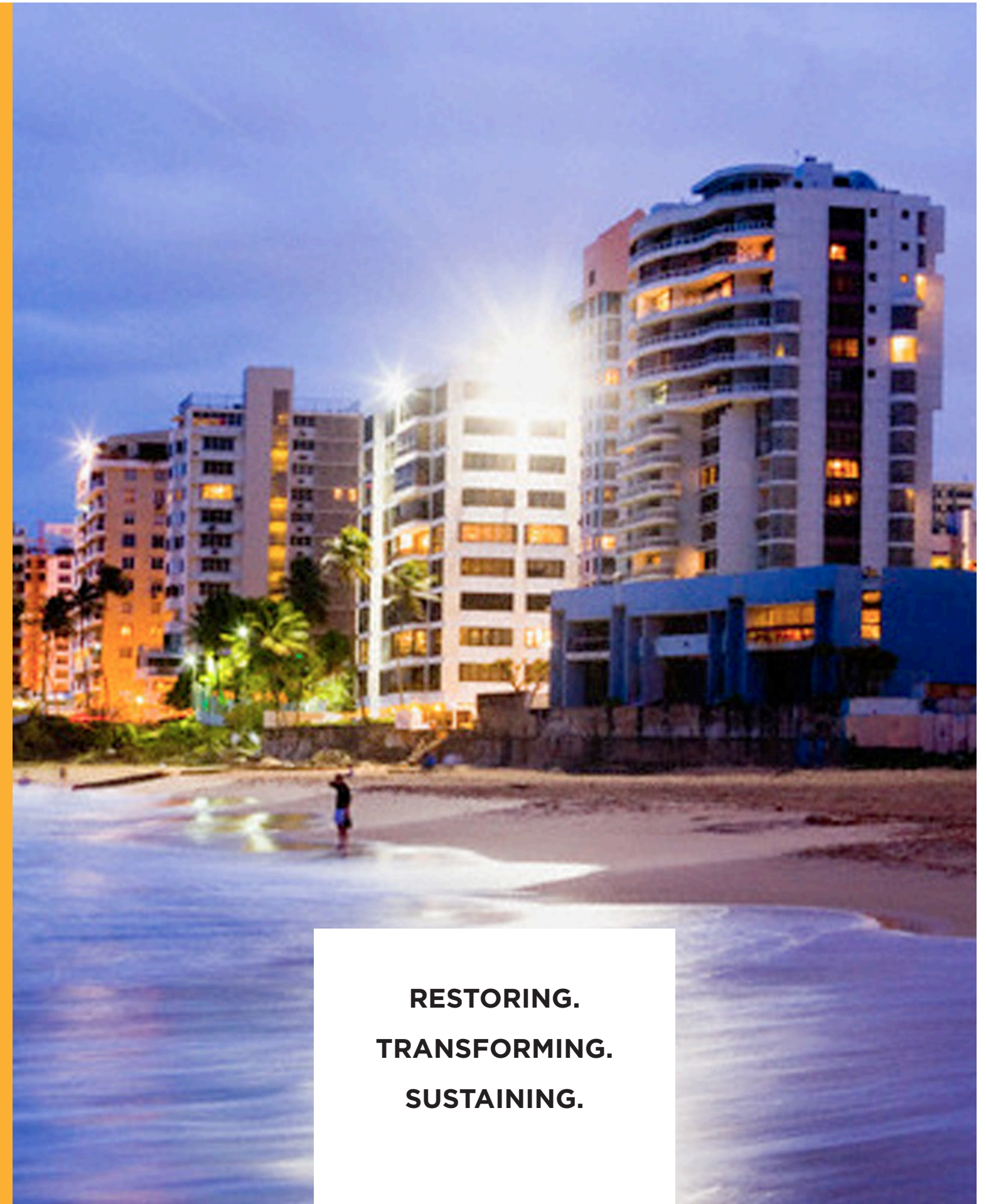
Beach  Recovery

542 Westport Avenue
Norwalk, CT 06851
www.beachrecovery.com



Beach Recovery provides a *unique solution* to beach erosion and restoration. With our proven track record of almost forty years, Beach Recovery's unique process restores not only beaches and shorelines, but positively impacts the surrounding environment as well.

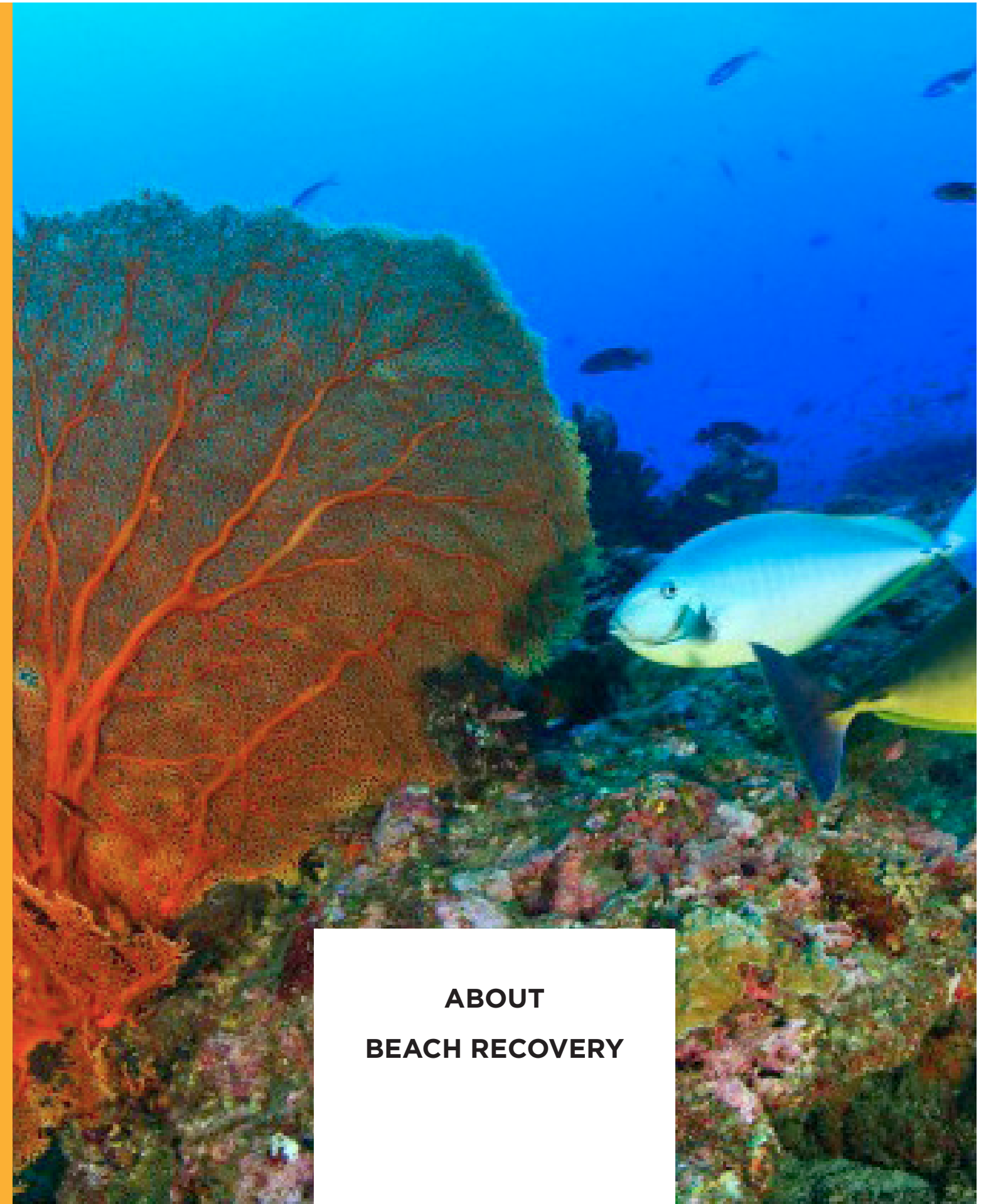
Our unique recovery and restoration process is environmentally friendly and sustainable, using nature's own energy to restore beaches to good health. Our technologies are the most cost efficient method available, making Beach Recovery the preferred choice for residential, commercial and local and state government needs.



**RESTORING.
TRANSFORMING.
SUSTAINING.**

Beach Recovery is committed to reversing the beach erosion process that is currently having catastrophic effects on coastlines worldwide.

Beach Recovery's signature product, the Beach Recovery Nourishment System (BRNS), uses proprietary Accretion Engineering technology: *the science of using nature to repair beach erosion*. The Beach Recovery Research (BRR) rating is based on our vast cumulative knowledge base and proven methodology to assess the current state and future stability of certain coastal properties.



**ABOUT
BEACH RECOVERY**

Our mission is to reverse the destruction of beaches facing nearly every shoreline worldwide through the use of our environmentally friendly technologies that use nature's energy to recover beaches.

We continuously strive to educate people on the importance of understanding how interconnected we are with the Earth's natural systems. Through understanding and collaboration, we can solve worldwide problems like beach erosion, protecting safe clean water, sustainable, renewable, clean energy, sustainable development and food production.



**OUR MISSION
AND
PRINCIPLES**

Beach Recovery employs the most experienced and talented professionals. We supply our staff with global resources to understand any type of shoreline-restoration need in compliance with applicable regulatory requirements.

Profiles of Key Executives

Gregory J. Sarno – *Founder and Chief Executive Officer*

Mr. Sarno is an experienced and successful entrepreneur with start-up companies and a long-time environmentalist. He has multi-disciplinary management experience including 14 years of commercial real estate development. Mr. Sarno was the initial capital investor for Beach Recovery.

Guy Picard – *President*

Mr. Picard has over 20 years of diversified sales and business experience. He also has a unique understanding of underwater construction operations and marine environments, including firsthand experience in erosion control installations, management of large-scale construction projects, and large lift marine rigging.

Tony Rowan – *Chief Engineer*

Mr. Rowan has over 35 years of Construction Management experience, serving as the Senior Vice President of one of the largest construction firms in the nation. He is a certified Professional Engineer, has over \$1.5 billion of work in place and has extensive experience in permitting complex projects. He received his education from the United States Military Academy at West Point.

Philip P. Kocsis – *Chief Financial Officer*

Mr. Kocsis is an experienced business manager having owned three businesses and working for Citicorp, Pitney Bowes, and AMAX. He is a lifelong environmental advocate well versed in environmental and ocean sciences as well as a SCUBA diver and underwater photographer. Mr. Kocsis received a B.S. in Marketing from Fordham University, and an MBA in Finance from the University of Bridgeport.

Greg DiCamillo – *Chief Operating Officer*

Mr. DiCamillo has extensive international business experience in the IT, import/export and healthcare industries. He speaks fluent Spanish and functional Italian, Hindi and Urdu. Mr. DiCamillo received a B.A. in International Studies from Fairfield University, public health education at Johns Hopkins University, and is studying for his medical degree from Baylor College of Medicine in Houston, Texas.

Jeffrey S. Mitchell – *VP Real Estate & Special Programs*

A lifelong entrepreneur, Mr. Mitchell was formerly the founder and President of software developer Insurance Software Solutions, Inc. Upon selling the company, he and his wife formed Paramount Realty, a full-service real estate firm and business broker. Mr. Mitchell received a B.S. in Political Science from Union College in Schenectady, New York.

Dick Holmberg – *Chief Advisor*

Dick is the owner / founder of Holmberg Technologies, Inc. of Englewood, Florida. He has over 40 years of documented success fixing the world's coastline as the pioneer of accretion technology.



**OUR PEOPLE
AND
SERVICES**

Did you know that everyday the things you do can have an effect on our oceans?

No matter where you live, be it California, Kansas or Connecticut, you are affecting the health of our oceans. The problem is our chemicals make their way into the oceans; our dams change the amount of river water and sediment reaching the deltas and wetlands, and shoreline construction changes natural current flows.

You've probably heard about the critical erosion affecting all of our beaches and coastlines. This is making an already bad environmental situation worse. You may think, "*this is a rich homeowner's problem*", but you would be wrong. Healthy beaches benefit everyone.

Beaches and dunes are a critical ecosystem, rich in bio-diversity. "Beaches that are growing"—known as accretion—provide a continuous supply of sand to build and maintain dunes. The plants and grasses that grow on these dunes have many important jobs.

Here are a few benefits to a healthy beach:

- The grasses trap more and more sand helping to further grow the dunes.
- Beaches and dunes are a natural storm-buffer zone, protecting the land, homes and infrastructure.
- Beaches and dunes are critical nesting areas for turtles, horseshoe crabs, and a wide variety of migratory birds.
- Wide beaches, dunes and wetlands are critical in slowing our fresh-water runoff.
- Shore plants absorb CO₂ and nitrogen before it reaches the ocean. Chemicals, such as lawn fertilizers that run into storm sewers after a big rain, travel to the shoreline and pollute the near-shore causing algal blooms and contributing to hypoxia (low oxygen levels in the water) that kill animals that live there.
- And probably the most important reason: Wide beaches and healthy coastlines provide a natural barrier that protects our inland fresh water table (drinking and irrigation water for our food) by preventing salination, contamination, and depletion.



**THE
REAL COST
OF
BEACH EROSION**

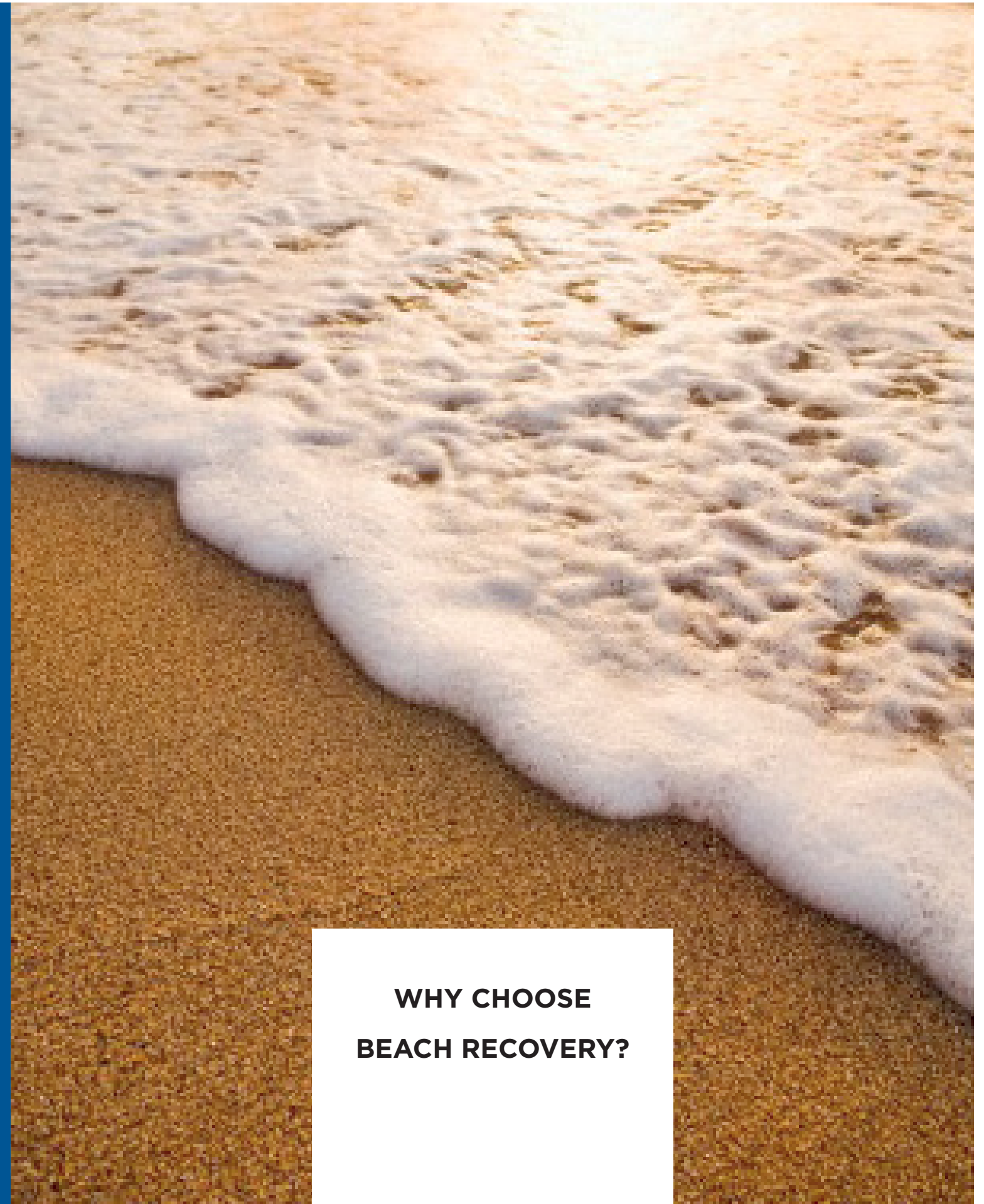
The answer, we believe, is quite simple.

Only Beach Recovery employs a unique system—The Beach Recovery Nourishment System (BRNS)—*that's enduring and sustainable*. Not only is it the only enduring and sustainable solution to the recovery and restoration of a healthy beach and shoreline, *it's the most economically cost-efficient method available*.

Of equally critical importance is the by-product of its sustainability: it affords the requisite time and lack of interruption that allows the adjacent ecology to heal and begin its own restoration process. Other alternatives are at the constant whimsy of storms and other factors, constantly leading to doing the work—typically taking sand from one area and dumping on another with the attendant disruption to both—repeatedly over and over again with the obvious financial and environmental consequences.

Only Beach Recovery provides the restoring, transforming and sustaining attributes so critically needed today.

The need is immediate. The solution is at hand.



**WHY CHOOSE
BEACH RECOVERY?**

The *Beach Recovery Nourishment System*—or BRNS—is a unique, engineered structure that achieves results by diminishing energy from storms, waves, and currents, reducing the ability to transport sediment therefore increasing sand deposit.

How It Works

Our engineers properly position “nourishment tubes” (BRNS) on the near shore that mimic the type of geology that causes natural beach accretion. Water flowing over the BRNS creates a vortex, reducing wave and current energy and capturing the sand within the system (Figure 1).

Sand accretion on this type of “induced” profile is correctly sequenced with respect to grain size distribution (because natural processes guide the re-sedimentation process). Less and less sand travels to the “loss point” as the beach grows and becomes progressively more efficient at holding sand arriving from off-shore sources (Figure 2). Over time, the natural beach-building cycle is restored (Figure 3).

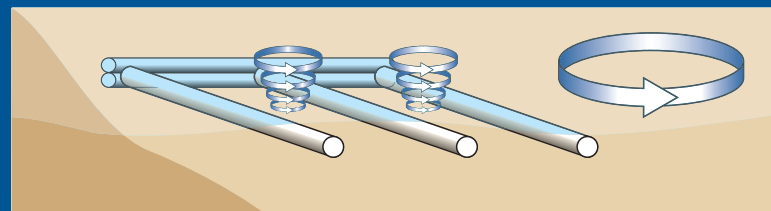


FIGURE 1

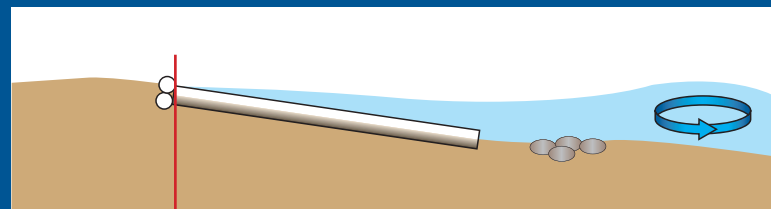


FIGURE 2

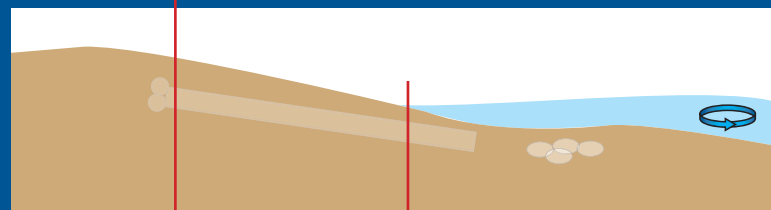


FIGURE 3

OLD HIGH TIDE LINE
NEW HIGH TIDE LINE

The BRNS Technology

BRNS is a proven technology for reversing beach erosion, restoring and maintaining natural dune development, and recreating sustainable and healthy shoreline ecosystems.

By harnessing nature’s wave energy to recover sand lost to the sea, a BRNS is able to reinstate a natural beach-building cycle. The capturing of lost off-shore sand and restoring a healthy near shore bottom are the key components to replenishing sustainable beaches. The constant natural supply of sand regenerates coastal dunes and broadens natural buffer zones.

The BRNS starts working immediately upon installation. The entire system is ultimately buried under the new sand accretion; the system provides additional stabilization and protection.

**HOW IT WORKS:
A TECHNICAL
OVERVIEW**



BEFORE

AFTER

**CASE HISTORY:
8 STICKNEY RIDGE RD.
GRAND HAVEN,
MICHIGAN**

The principles and prototypes of the BRNS technology have been around for over 40 years. Dick Holmberg was the innovative mind that took many science and observational disciplines and combined them in such a way as to use nature's energy to restore severely eroded beaches and shorelines.

Over the years, this technology has been developed and perfected as to where entire shoreline ecosystems, dunes, and bluffs were stabilized and restored. Between the early 1970's and today, many hundreds of these systems were installed throughout the US and the world saving thousands of miles of coastline. Holmberg, the Senior Technical Advisor for us and Beach Recovery are working diligently to expand the reach of this amazing technology.

Our goal now is to install the newest state of the art systems around the world and have the brightest minds from many disciplines study the physical and environmental effects of the technology. Through thorough documentation, we can accelerate the adoption of the BRNS around the world. BRNS is the only environmentally sound, permanent solution using nature's energy to recover lost beaches.



**THE HISTORY
OF THE
BRNS TECHNOLOGY**

About the Beach Recovery Nourishment System Solution

The Beach Nourishment System (BRNS) is of “site-specific” design and engineered to use natural sea power to capture flowing sediment and deposit it on the beach. We call this erosion reversing method, understanding and use of technology “Accretion Engineering.”

How it Works

The Beach Nourishment System (BRNS) is a series of “nourishment tubes” that diminish the energy of a wave and effectively reduce their ability to transport sediment, thus reconstituting beaches.

During more turbulent weather, storm energy produces a “renourishing” cycle by its ability to move offshore sediment into the near-shore system, allowing for its capture by the BRNS.

The Benefits of the BRNS Solution

In addition to being a scientifically proven technology for reversing beach erosion, the Beach Recovery Nourishment System also helps restore the natural dune development process, as well as recreates sustainable and healthy shoreline ecosystems common to pristine coastal environments.

By harnessing the awesome power of wave energy to recover sand thought to be “permanently lost” to the sea, BRNS is able to naturally re-establish coastline accretion cycles.

Sustainability, “Greenness”, and Permanence by Solving the Root Cause of Erosion

BRNS mimics the type of geology that causes natural beach profile elevation—“by fixing the ocean bottoms”—the beach returns to its natural state where sediment is deposited on the beach, not carried away.

The entire system is ultimately buried under the new sand accretion, providing a stable environment for plants and animals. People enjoying the beach will not even know it’s there. All they’ll see is a beautiful, soft-sand, natural beach.

Should a catastrophic event strike the beach in the future, such as a hurricane, the BRNS will be reactivated immediately to begin rebuilding depredated beaches.

**OUR
TECHNOLOGY**

Initial Site Survey

Visually examine site and discuss desired outcomes with client

Coastal Engineering Analysis

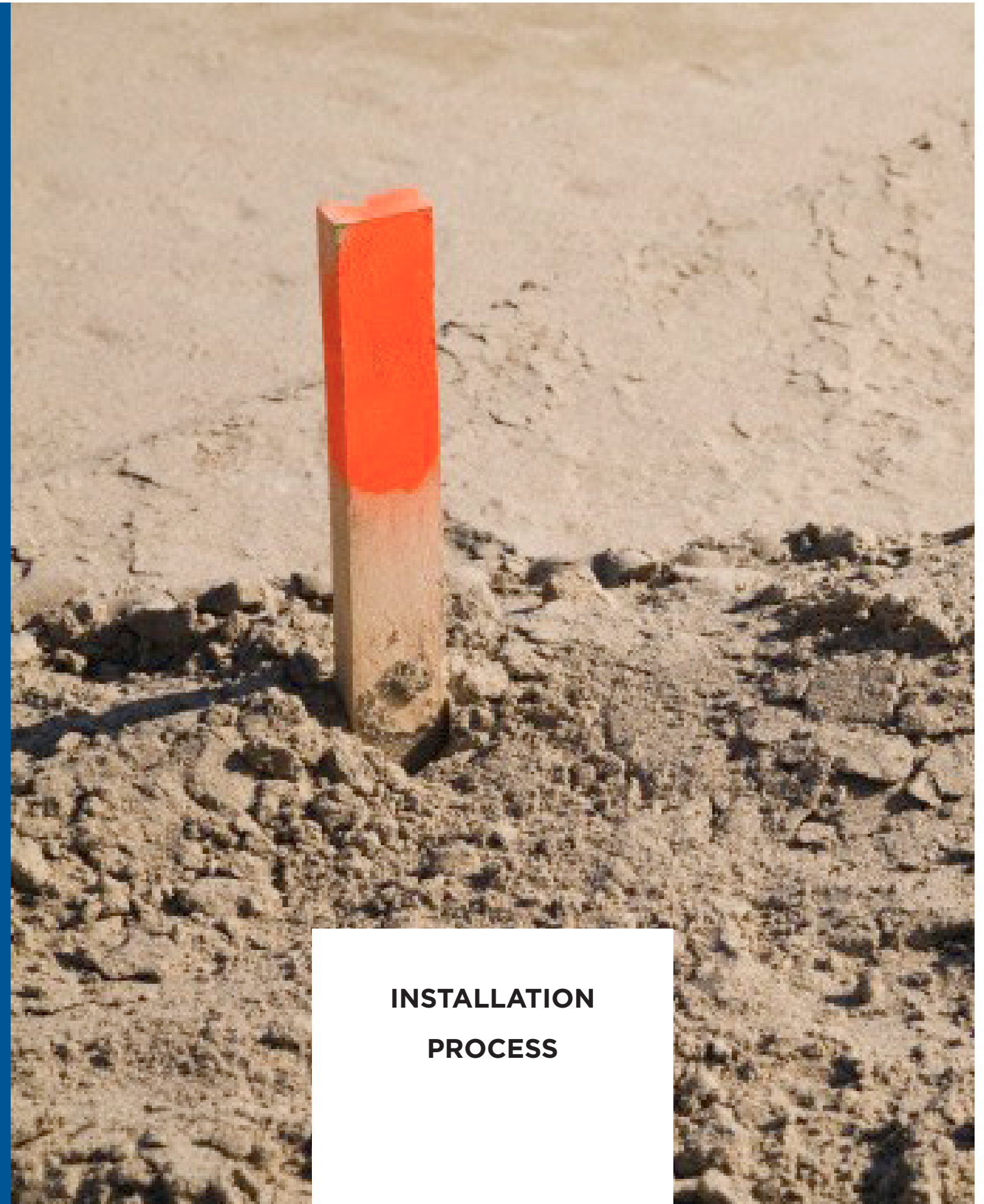
Perform data collection and existing conditions surveys, shoreline surveys, bathymetric survey, sediment analysis, prevailing winds and currents, marine structures / improvements and other factors regarding site conditions

Project Proposal

- Perform detailed BRNS design for site
- Obtain permitting or approval from necessary government bodies
- Solicit and retain local marine engineering firm and coastal geologists familiar with local permitting and permitting authorities

Installation of BRNS after approval

- Contract with local vendors for supply of materials, equipment, and labor
- Provide oversight by Beach Recovery engineers for BRNS installation



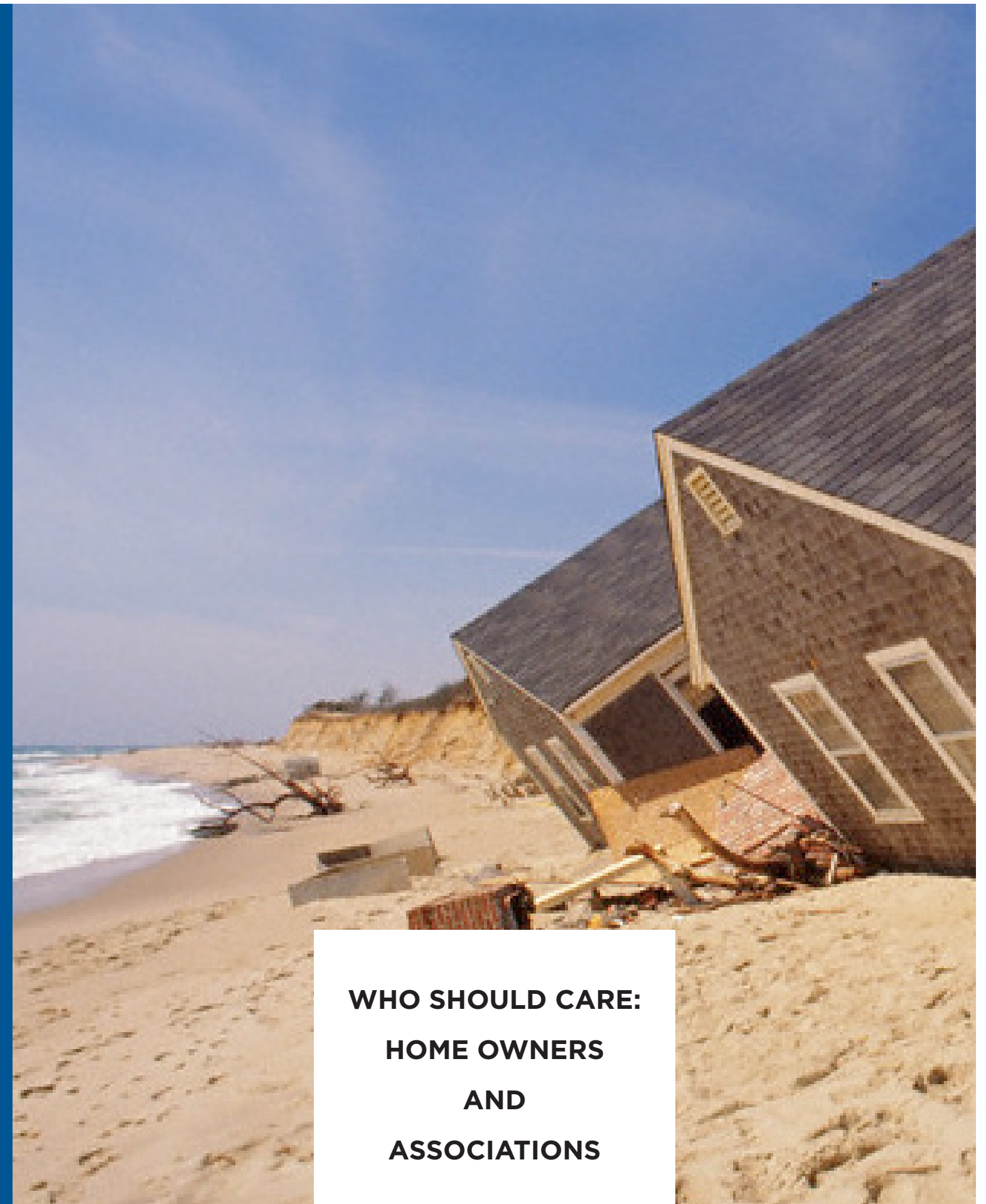
**INSTALLATION
PROCESS**

As a homeowner living on or near the shoreline, you are likely witnessing some level of beach erosion. Your beach is shrinking, the bluffs are caving in, and your property is at risk. No matter what type of erosion problem you are experiencing, Beach Recovery has a solution for your particular beach erosion problem. Beach Recovery provides an individualized plan to fit your needs and budget, offering the soundest investment for your property's future and the peace of mind that comes from it.

Beach Recovery understands how traditional methods solve erosion, producing a quick, albeit impermanent, fix to site-specific problems. However, a long term, sustainable solution like ours is needed. We have discovered and implemented an effective system that restores shorelines and the natural coastal ecosystem, and in an enduring, sustaining fashion.

An effective Beach Recovery System:

- Protects home and property during big storms and hurricanes
- Recovers beach, offering a greater sense of privacy and security
- Increases property size
- Generates beautiful powder-like sand, replacing hard rocks and sharp shells
- Increases the value of property and home
- Restores near shore vegetation, plant life, birds, and animals
- Restores seashore ecosystems



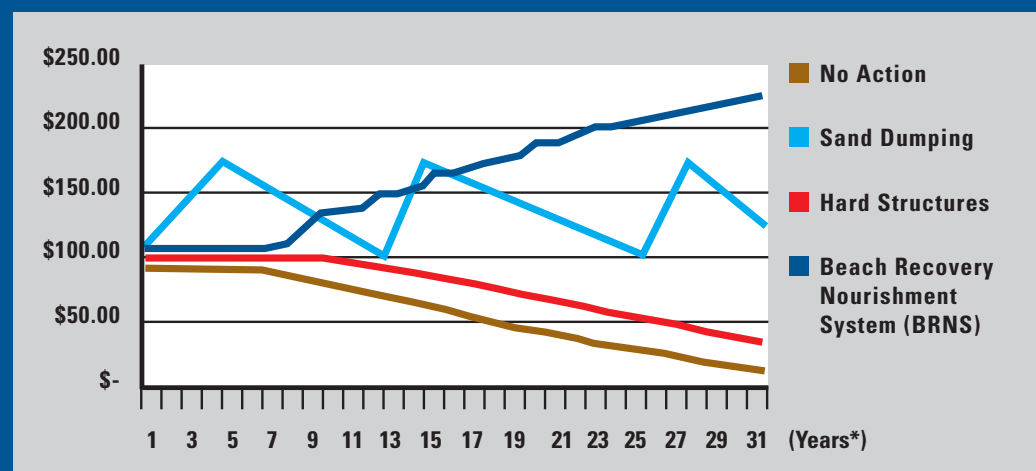
**WHO SHOULD CARE:
HOME OWNERS
AND
ASSOCIATIONS**

Waterfront property has, and always will be, a highly desirable market for both private and commercial developers. In today's environment, commercial property investors must address a critical need: protecting their investment by ensuring shoreline viability. Our Beach Recovery Nourishment System (BRNS) offers a sustainable, cost effective solution which prevents beach erosion, while naturally rebuilding and restoring your shoreline.

Installing an effective BRNS provides many benefits as the system:

- Protects property during big storms and hurricanes
- Enhances privacy and security of property
- Increases property size
- Increases the value of property, home, and business
- Generates beautiful powder-like sand, replacing hard rocks and sharp shells
- Offers the potential for tax incentives
- Enhances business profile through the purification and beautification of seascape
- Reduce / eliminates ill effects on landscape and buildings
- Ensures any development will withstand the erosion factor long term
- Increases profitability of one's investment

The value of investing in a Beach Recovery Nourishment System (BRNS)



*Reasonable and expected results over extended time period of 1-30 years



**WHO SHOULD CARE:
COMMERCIAL
PROPERTY
INVESTORS**

Government agencies generally consider four focus areas when reviewing and permitting shoreline restoration projects: compliance, restoration, prevention, and conservation. When preparing to move forward with a Beach Recovery System installation, our company assesses each location to ensure that our product and project is in accordance with all applicable regulatory and accrediting guidelines.

We are proud to announce our Beach Recovery Nourishment System (BRNS) is increasingly accepted worldwide, as government agencies learn and recognize how the Beach Recovery System is friendly to the environment and works with nature to restore shores and coastlines.

The mission of Beach Recovery is to prevent beach erosion, effectively restore shorelines, and conserve our earth's natural resources.

The goals of Beach Recovery are to encourage social and economic development of our Beach Recovery System, recover natural environment and life forms, support the delicate balance within our waters and land, and heighten awareness of shoreline preservation for the present and future.

Beach Recovery offers an erosion solution that helps government agencies facilitate their mission of protecting the environment and preserving the natural coastline and ecosystem.



**WHO SHOULD CARE:
GOVERNMENT
AGENCIES**

Beach  Recovery

**RESTORING.
TRANSFORMING.
SUSTAINING.**