

# The Coastal Restoration Trust of New Zealand

*Needs your support to protect our coast!*

We are a not-for-profit charitable trust undertaking applied research and providing practical information on restoring and managing our coastlines, with a focus on native flora and fauna. We work with community groups, iwi, local and central government, research agencies, industry, and educational institutions to share information and undertake projects on the restoration of coastal environments around New Zealand.

**Our work has become especially urgent as our coastlines increasingly bear the brunt of climate change.**



*“To see the majority  
of New Zealand coast  
restored and sustainably  
managed using indigenous  
species by 2050”*

Our trustees include staff from councils and DOC, iwi, scientists, farmers, and members of Coastcare groups. The Trust has a strong brand and a nationwide network operating for over 25 years with a proven track record of collaboration with sponsors and partners.

## We are seeking more supporters

Is your organisation looking to collaborate on coastal research, support local communities, or align itself with a leading environmental organisation to promote brand awareness?

The Coastal Restoration Trust has a series of sponsorship and partnership programmes that offer a range of benefits. Membership for Coastcare groups and individuals is free. Our corporate supporters include the Department of Conservation, Christchurch City Council, Environment Canterbury, Greater Wellington and Northland Regional Council. We are seeking more supporters.

Check out our webpage for more information:  
[www.coastalrestorationtrust.org.nz/sponsors-partners](http://www.coastalrestorationtrust.org.nz/sponsors-partners)

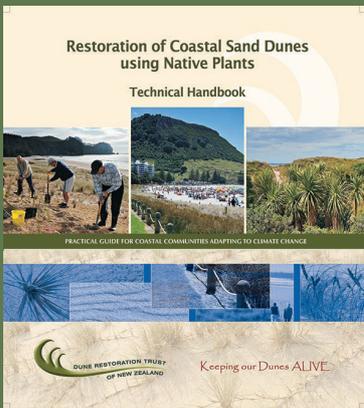
## Why we need to restore our coasts

Humans have modified coastlines all over the world. In New Zealand, such impacts have been more widespread and significant than is often realised, with major changes in coastal morphology, vegetation cover and natural coastal processes. Only narrow zones of native vegetation remain in most places. Most of our coastline is highly degraded and dominated by exotic species.

Development too close to the sea and the proliferation of engineering structures such as seawalls are causing adverse impacts on natural processes and compromising recreational use of our coasts. Engineering options are expensive to implement and maintain, and there are serious doubts about the resilience and sustainability of modified coastlines in the face of climate change.

We need to manage our coasts using more cost-effective and sustainable methods that will restore and maintain the natural, amenity, cultural and recreational values that we New Zealanders value. This is where the Coastal Restoration Trust – in collaboration with over 100 Coastcare volunteer groups, as well as iwi, coastal landowners and the Department of Conservation and councils – is making a difference.





## Over the last 25 years the Coastal Restoration Trust has:

- Increased awareness of the degraded state of our natural coastal ecosystems.
- Evaluated and delivered sustainable, cost-effective options that empower coastal communities to restore natural form and function to coastal ecosystems.
- Provided a robust scientific platform for restoration and management of coastlines.
- Provided free technical guidelines on community-based restoration and management of coastal environments.

### *Applied research*

The Trust co-ordinates and supports selected research projects identified after consultation with local coastal communities, iwi, landowners, and central and local government agencies. This research underpins best-practice in coastal restoration programmes nationwide. Examples include:

- **Planting natives on foredunes** – Practical low-cost methods for large-scale propagation and establishment of key native sand-binding plants, spinifex and pingao/pikao, which are raised in community-based and commercial nurseries for foredune planting.
- **Fertiliser application** – fertiliser treatments for dune plantings are now used by all Coast Care groups, giving a 10-fold increase in growth for as little as 10 cents/plant.
- **Backdune restoration** – Technical guides on species selection and best practice planting and management across the range of backdune zones.
- **Reshaping dunes** – Whole-of-dune strategies to restore highly-modified dunes by removing weeds, and reshaping and planting diverse coastal plant communities.
- **Community-based dune monitoring** – Easy methods for monitoring dune vegetation, dune profiles and success of restoration efforts.
- **Student support** – An annual scholarship is provided for tertiary students undertaking coastal research projects.

### *Technology transfer*

The Trust provides a forum for the free exchange of information on sustainable management of dune ecosystems, with emphasis on using native vegetation to restore natural character, form and function. All resources are available free from our website. Examples include:

- **Coastal Restoration Technical Handbook** – Quick reference technical articles (online and hardcopy) on the latest, best-practice restoration and management of coasts.
- **Climate Change Regional Workshops** – Practical regional workshops empowering coastal communities to adapt to and mitigate the effects of climate change.
- **National Conference** – Sharing best-practice and up-to-date research on coastal restoration among research providers, Coastcare groups, iwi, government agencies and students. The 101 workshops held each year at our annual conferences are hugely popular.
- **Coastal Reference Database** – Online bibliography of literature on all aspects of restoration and management of coastal ecosystems in New Zealand, with over 6000 records to date.

## Contact the Coastal Restoration Trust

For more information on becoming a supporter or sponsor, please contact:

Coastal Restoration Trust of New Zealand

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