

# Waders & Wonders of Orewa Estuary Talk Programme

**Wednesday 27<sup>th</sup> September, 7.30pm**

**Tony Payne (Senior Ecologist, 4Sight Consulting) will talk on What's needed for the local community to restore an entire estuary?**



Community-based restoration projects have the potential to achieve ecosystem rehabilitation at catchment and landscape scales. Tony Payne will showcase Hibiscus and Bays Local Board's newly developed Community-Based Restoration Plan for the Orewa Estuary. Tony will provide insight into the strategic approach undertaken for developing the Orewa Estuary Restoration Plan, and discuss the various tools and methods for restoration, including:

- Controlling pests and environmental weeds in an urban context;
- The various types of estuary restoration plantings;
- Monitoring birds as environmental indicators;
- Monitoring sediment in estuaries; and
- The pros and cons of mangroves.

Studio 1, Estuary Arts Centre, Orewa

**Wednesday 18<sup>th</sup> October, 7.30pm**

**Join Marie Ward, Chair of the Omaha Shorebird Protection Trust and hear about shorebirds that are commonly seen about our harbours and estuaries.**



Marie grew up in a remote area of the South Island with a life long interest in the flora and fauna of New Zealand. She lived in Bayswater for many years, becoming very familiar with the shorebirds that inhabit Shoal Bay.

Marie has been involved with the protection of shore birds in Omaha since 2009 and also participated in Dotterel and field training at Miranda.

Studio 1, Estuary Arts Centre, Orewa



**Wednesday 25<sup>th</sup> October, 7.30pm**

**Join Adelia Hallett, Forest & Bird's Climate Advocate as she talks on how the natural places and species you love will be affected by climate change?**



Rising sea levels, more droughts and storms, and increased pests and diseases all threaten nature as much as they threaten people. The good news is that by protecting nature we can also protect ourselves.

Adelia has a long background in environmental journalism and community engagement, and has worked for the New Zealand Herald, Radio New Zealand, the Department of Conservation and a range of other conservation and not-for-profit organisations. She also publishes Carbon News, a daily news service covering the carbon markets and sustainable business.

Studio 1, Estuary Arts Centre, Orewa

# Waders & Wonders of Orewa Estuary Walk Programme

**Saturday 30<sup>th</sup> September, 11am**

Join Tony Payne for a leisurely stroll around the Te Ara Tahuna Orewa Estuary Walkway



Tony will point out the general natural features of the estuary including examples of key native estuarine plants, environmental weeds, hot-spots for pests and some of the prime areas for restoration.

Tony's been involved with ecological management and monitoring for a variety of projects throughout New Zealand. His field experience is wide ranging and includes terrestrial biodiversity surveys in forest and wetland communities, lizard translocation and habitat construction, freshwater fish and macroinvertebrate surveys, providing ecological advice for stream diversions and culvert installations, and large-scale restoration and rehabilitation.

Meet at the Estuary Arts Centre, Orewa

**Sunday 8<sup>th</sup> October, 11am**

Join Matt Van der Linden for an informative photographic walk



Highlighting the best locations for taking photos to capture the true beauty of the fauna, flora and landscapes around the Orewa Estuary.

Matt is a retired horticulturalist who can now really get into his 45 year hobby of walking and photography of fauna, flora and landscapes. His knowledge of the estuary is extensive with weekly walks of all or part of the circuit. Born and bred in the Waitakere ranges and trained as a botanist, from an early age he was wandering through the bush, looking, studying and photographing the fauna and flora.

Meet at the Estuary Arts Centre, Orewa

**Sunday 15<sup>th</sup> October, 11am**

Join Richard Chambers for a walk along the Orewa Estuary edge from the coast to Crocodile Island.



Take a walk with Richard and see what birds are currently present and learn about others that might appear with planned rat control around the estuary. Bring binoculars/telescope if you have them. A great walk for all the family.

Richard is a keen birder and works with community groups to increase the birdlife in several north Auckland localities.

Meet at the small carpark on the seaward side of Orewa Bridge.



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