

# PRINCE EDWARD ISLANDS MANAGEMENT PLAN

VERSION 0.2



Prepared for:  
Department of Environmental Affairs  
Directorate: Antarctica and Islands

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## *Part 3: Costing*

## DEFINITIONS

|                        |   |
|------------------------|---|
| Alien species          | An introduced species that does not naturally occur in the area (in this case, a species that is not native to the Prince Edward Islands)   |
| Alien invasive species | Species introduced deliberately or unintentionally outside their natural habitats where they have the ability to establish themselves, invade, outcompete native species or take over the new environments  |
| Biodiversity           | The variability among living organisms from all sources including, <i>inter alia</i> , terrestrial, marine and other aquatic ecosystems and the ecological complexes of which they are a part; this includes diversity within species, between species and of ecosystems (Convention on Biological Diversity)                       |
| Biological samples     | All animal and plant organisms or specimens, soil, water and geological material  |
| Biosecurity            | Threats to biosecurity are those matters or activities which, individually or collectively, may constitute a biological risk to the ecological welfare or to the well-being of humans, animals or plants of a country (Convention on Biological Diversity)  |
| Bird strike            | Collision of flying birds with overhead structures, lines and buildings, often resulting on injury or death of the bird   |
| Black water            | Sewage  |
| Boot-washing           | The 'ceremony' during which passengers intending to visit the islands have their shoes, personal gear and equipment cleaned and inspected to ensure that all gear making landfall is propagule-free; this event has become a routine or 'tradition' on the voyage to the Prince Edward Islands and is a critical quarantine measure |
| Braai                  | Barbecue  |
| Emergency              | A situation in which human life is actually or potentially in danger, or in which environmental harm may be caused through lack of response   |
| Expeditioner           | Any person travelling to the PEIs who may disembark at the islands (includes personnel of Helicopter Company, and any ship crew or ship-based researchers who may go ashore)  |
| Grey water             | Waste water from all household sources other than toilets, i.e. kitchen sinks, baths and showers  |
| Group Leader           | Person in charge of a particular team of people visiting the PEIs, e.g. leader of a science programme, Helicopter Captain, leader of a construction team  |
| Overwintering team     | The team of about ten to fifteen people that spends a year on Marion Island   |
| Propagule              | Any organism or structure with the capacity to give rise to a new organism through sexual or asexual (vegetative) reproduction or growth; this includes seeds, eggs, spores, and any part of the body capable of independent growth if detached from the parent; typically does not include micro-organisms and their propagules    |
| Pulses                 | Edible seeds such as lentils, beans and peas; seeds in this group are easily sprouted and may grow if disposed of carelessly  |
| Relief                 | The annual voyage and period on Marion Island when a new over-wintering team arrives at the island, the outgoing team departs from the island and the base supplies are replenished; additional researchers and maintenance personnel also spend the relief period on the island  |
| Seabird                | Those birds which obtain some of their food from the sea, excluding the intertidal zone (Seals, Seabirds and Shorebirds in South Africa)  |
| Sharps                 | Medical waste sharps including contaminated and uncontaminated sharp objects such as hypodermic needles, scalpels and broken glassware; this also includes all syringes   |
| Skivvy                 | Kitchen or cleaning assistant designated for a particular day/week/fortnight at the Marion Island base  |
| Slop                   | Kitchen waste including waste food and drinks, cooking scraps etc. For the purposes of this MP, and particularly for disease control, slop is strictly divided into (a) poultry, meat and fish-related slop which is frozen for return to South Africa, and (b) all other slop which is disposed of into the sea at night           |

|          |   |
|----------|---|
| Specimen | Any living or dead animal, plant or other organism; and any propagule or part of an animal, plant or other organism capable of propagation or reproduction or in any way transferring genetic traits; and any derivative of any animal, plant or other organism |
| Velcro   | Closure based on a hook and eye system and often used to fasten clothing and shoes  |

## ABBREVIATIONS

|          |   |
|----------|---|
| ACAP     | Agreement on the Conservation of Albatrosses and Petrels  |
| BMP      | Biodiversity Management Plan  |
| CCAMLR   | Convention on the Conservation of Antarctic Marine Living Resources   |
| C-I-B    | DST-NRF Centre of Excellence for Invasion Biology, Stellenbosch University                                  |
| D: SO&AS | Directorate: Southern Oceans and Antarctic Support  |
| DCO      | Departmental Coordinating Officer   |
| DEA      | Department of Environmental Affairs (was DEAT, Department of Environmental Affairs and Tourism, until 2010) |
| D: IEA   | Directorate: Integrated Environmental Authorisations  |
| DST      | Department of Science and Technology  |
| ECO      | Environmental Control Officer   |
| EIA      | Environmental Impact Assessment   |
| EEZ      | Exclusive Economic Zone   |
| EL       | Expedition Leader   |
| EMI      | Environmental Management Inspector  |
| HWC      | Heritage Western Cape   |
| IUCN     | International Union for the Conservation of Nature  |
| Minister | Minister of Environmental Affairs   |
| MPA      | Marine Protected Area   |
| NDPW     | National Department of Public Works   |
| NEMA     | National Environmental Management Act (No. 107 of 1998)   |
| NEMBA    | National Environmental Management: Biodiversity Act (No. 10 of 2004)  |
| NEM-ICM  | National Environmental Management Integrated Coastal Management Act (Act No. 24 of 2008)                    |
| NEMPAA   | National Environmental Management: Protected Areas Act (No. 57 of 2003)                                     |
| nm       | nautical miles  |
| NNR      | National Nuclear Regulator  |
| NRF      | National Research Foundation  |
| PEIs     | Prince Edward Islands   |
| PEIAC    | Prince Edward Islands Advisory Committee  |
| PEIMP    | Prince Edward Islands Management Plan   |
| SA       | South Africa  |
| SANAE    | South African National Antarctic Expedition   |
| SANAP    | South African National Antarctic Programme  |
| SAWS     | South African Weather Service   |
| TL       | Team Leader   |

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