

# Heard and McDonald Islands solar remote monitoring system

What is Heard Island & McDonald Islands Marine Reserve?

Heard Island and McDonald Islands Marine Reserve means the areas declared as a Commonwealth reserve by that name under the EPBC Act on 16 October 2002 and amended on 28 March 2014. HIMI means Heard Island and McDonald Islands. means the part of the Australian Government agency with responsibility for administration of the HIMI Territory.

What is the Heard Island & McDonald Islands Marine Reserve management plan?

This management plan may be cited as the Heard Island and McDonald Islands Marine Reserve Management Plan. This management plan will enter operation following approval by the Minister under s.370 of the EPBC Act on the day after it is registered under the Legislative Instruments Act 2003 or on a later date specified in the Minister's approval.

Who administers the Heard Island & McDonald Islands Act?

Administration of the Territory is the responsibility of the Australian Government department that administers the Heard Island and McDonald Islands Act 1953. This responsibility has historically been undertaken by the Australian Antarctic Division.

Why are Heard Island and McDonald Islands isolated?

However, the site's isolation assists in reducing anthropogenic impacts upon the site's values. Heard Island and McDonald Islands are located in the Southern Ocean, approximately 1,700 km from the Antarctic continent and 4,100 km south-west of Perth.

Where is the Heard Island & McDonald Islands EEZ located?

The Heard Island and McDonald Islands EEZ is located within the Convention Area. UNCLOS defines the rights and responsibilities of nations in their use of the world's oceans. It establishes guidelines for businesses, the environment and the management of marine natural resources (Jarmache 2010).

When was the Heard Island and McDonald Islands reserve proclaimed?

The Reserve was proclaimed under the EPBC Act as the Heard Island and McDonald Islands Reserve on 3 October 2002. (s.514A) and a Commonwealth authority for the purposes of the Commonwealth Authorities and Companies Act 1997.

Due to the extreme isolation of Heard Island and McDonald Islands (HIMI), together with the persistently severe weather and sea conditions, human activities in the region have been, and remain, limited. ... Spit Bay, Atlas Cove and ...

Area The Heard Island and McDonald Islands ... adjacent to the Islands of the same name. The Islands are

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Australia's most remote sovereign territory and are located on the Kerguelen Plateau in the south Indian Ocean, about 4,000 kilometres south-west of ... o supporting the adoption of a centralised vessel monitoring system by the ...

The Australian Antarctic Division manages the World Heritage listed Territory of Heard Island and McDonald Islands (HIMI) and the HIMI Marine Reserve. Part of this role includes monitoring and reporting on changes to the environment and conservation values, and pursuing necessary management actions.

Reserve is Australia's most remote Commonwealth reserve. Heard Island, the ... 6.5 Research and Monitoring 75 7 Cultural Heritage Management 85 8 Stakeholders and Partnerships 87 9 Business Management 89 ... Heard Island and McDonald Islands Marine Reserve 103 ...

Heard Island and McDonald Islands (HIMI) are a remote subantarctic island group located about 4,000 km south-west of Western Australia and approximately 1,700 km from the Antarctic continent.

The site forms part of the Heard Island and McDonald Islands (HIMI) Commonwealth Marine Reserve, an IUCN category 1A Strict Nature Reserve of 68,200km<sup>2</sup> declared in October 2002, having been extended in 2014 to incorporate additional marine areas of high conservation value.

Commonwealth of Australia since 1953. The Heard Island and McDonald Islands Act 1953 provides the legislative basis for the Territory's administration. Administration of the Territory is the responsibility of the Australian Government department that administers the Heard Island and McDonald Islands Act 1953. This responsibility has ...

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Public consultation paper 1 Purpose of this document The Proposal to expand Heard Island and McDonald Islands Marine Reserve - Public consultation paper ("proclamation proposal") has been prepared to support public consultation on the proposed design of an expanded Heard Island and McDonald Islands (HIMI) Marine Reserve.

Heard and McDonald Islands Heard and McDonald Islands This is one of the wildest and remotest places on earth. Heard Island is dominated by Big Ben, Australia's highest mountain and an active volcano, under a deep mantle of snow and glaciers. On the horizon, the volcanic McDonald Islands rise precipitously out of the world's stormiest waters.

RESULTS Heard Island and McDonald Islands Marine Reserve: Background Heard Island and McDonald

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Islands (HIMI) are remote volcanic islands in the South Indian Ocean. Located in one of the most isolated regions of the world, the islands are 1,500 km north of Antarctica and about 4,000 km from Australia, South Africa, and Madagascar (Figure 1).

The Proposal to expand Heard Island and McDonald Islands Marine Reserve - Public consultation paper ("proclamation proposal") has been prepared to support public consultation on the proposed design of an expanded Heard Island and McDonald Islands (HIMI) Marine Reserve.

The Australian-governed subantarctic Heard Island and McDonald Islands (HIMI) Marine Reserve, located more than 4,000 km from major human populations, is among the world's most remote MPAs. HIMI are ...

The fishing industry also has an agreement to monitor the MPA, which is complemented by a vessel monitoring system and remote surveillance by the governments of Australia and France via...

The remote Heard and McDonald Islands form a part of the Southern Indian Ocean Island tundra ecoregion. Due to the severe climatic conditions, the floral diversity on the island is restricted to mosses, lichens, and grasses. Several low-growing herbaceous flowering plants and bryophytes form the major vegetation components on these islands.

**HEARD AND MCDONALD ISLANDS AUSTRALIA** Heard Island and the McDonald Islands are in the Southern Ocean, approximately 4,100 km south-west of Perth and 1,700 km from the Antarctic continent. ... monitoring climate change and glacial retreat when new areas for colonisation are exposed, and the study of plate tectonics in the submarine plateau. In ...

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