

Australian Antarctic Science Season 2009 -2010

Marine Science

- Benthic trawls
- Sub-polar gyre
- Ocean acidification
- Continuous plankton recorder
- Ocean water properties
- Sea ice thickness
- Primary production

Adélie penguin monitoring
Atmospheric research

Mawson

AMISOR

Davis

- Hydrographic Survey
- Atmospheric research
- Emperor penguin foraging
- Invertebrate dispersal patterns
- Ecological risks from oil products
- Ocean acidification impacts on marine benthos
- Resilience of marine benthos to environmental change
- Sewage outfall environmental assessment and related projects

Dome Argus

Bunger Hills
Whale observations

Mill Island
Ice core climate history

Casey

Dome Circe

- Adaptation and response of seals to climate change
- Remediation – heavy metals, hydrocarbons
- Spatial analysis of terrestrial ecosystems
- Predator foraging success
- Sea ice primary production
- Mesopause monitoring
- Antarctic mosses
- ICECAP

Macquarie Island

- Pest eradication
- Fur seals – population status and trends
- Hydrocarbon remediation
- Southern elephant seal population status
- Predator foraging success
- Soil ecosystems
- Climate change impacts on the subantarctic
- Albatross and petrel populations
- Vegetation studies

180°

150°E

0°

30°E

60°S

60°S

80°S

80°S

