



Presentation Content:

- Background (Team, Purpose/ Objectives)
- General Observations (Davis Point, Paradise (Shoal) Point Colony)
- Summary of observed risk factors
- Mitigation Ideas
- Risk Matrix / Efficiency of implementation work
- Idea's for further engagement of other stakeholders
- Closing comments and Questions



Background:

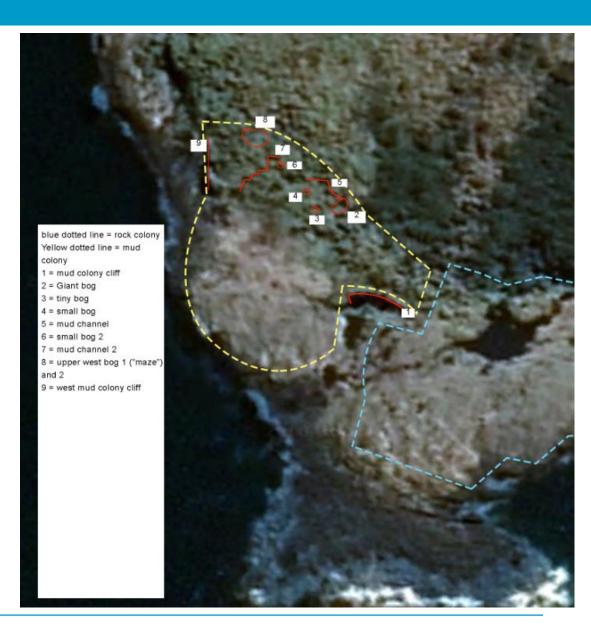
- Team
- Purpose / Objectives



Campbell Island Sea lion Pup Mortality Fulton Hogan



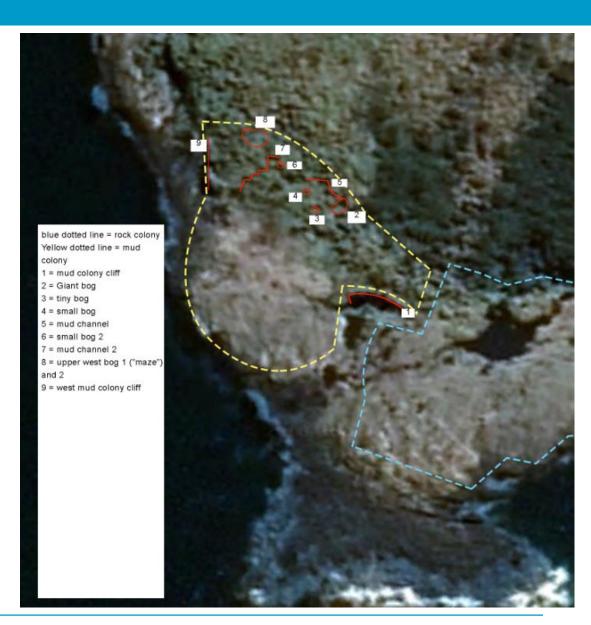
Davis Point Observations:



Campbell Island Sea lion Pup Mortality Fulton Hogan

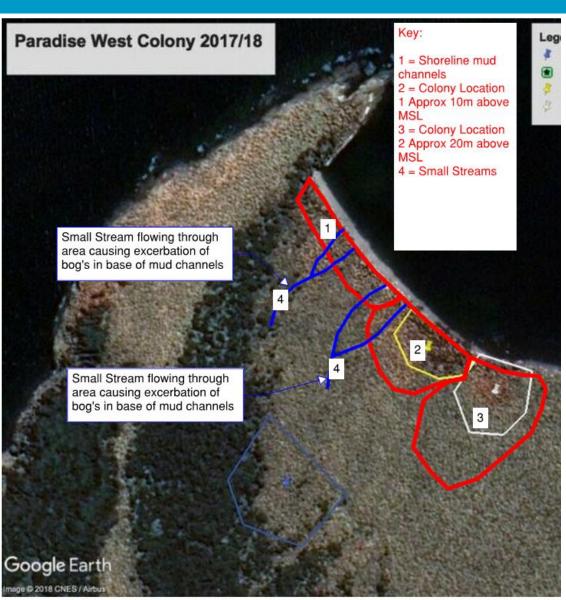


Davis Point Observations:



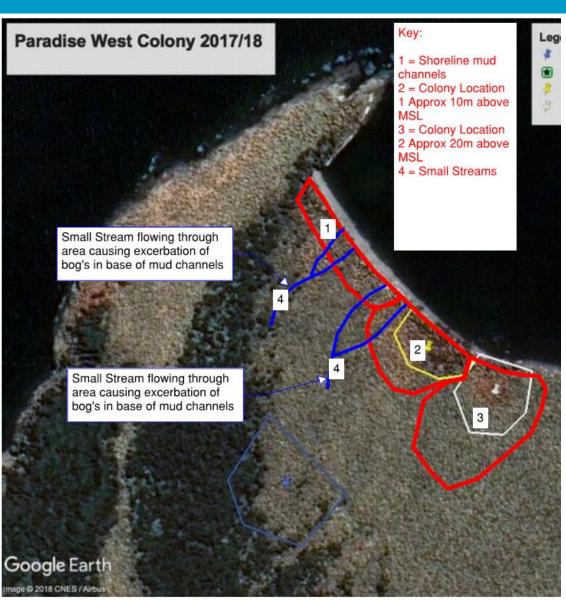


Paradise Point Observations:





Paradise Point Observations:





Summary of observed risk factors: Bog's



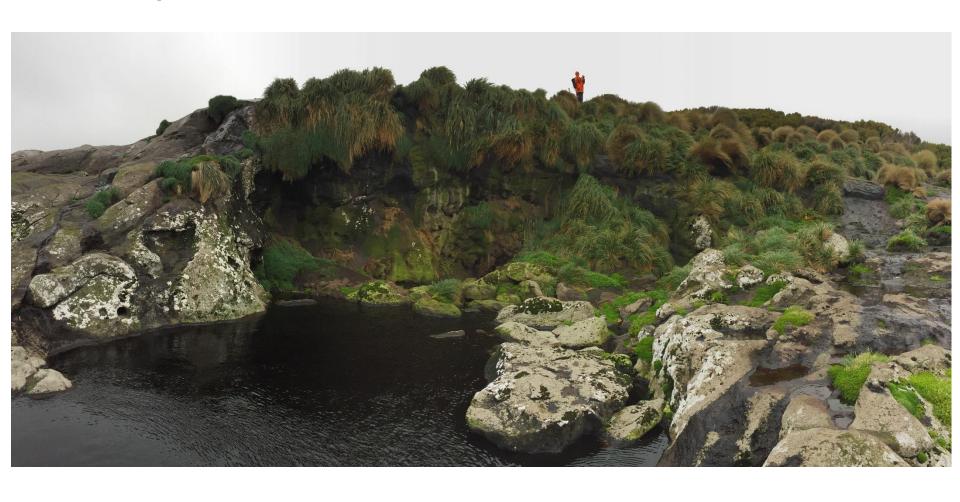


Summary of observed risk factors: Mud Channels





Summary of observed risk factors: Cliff's





Summary of observed risk factors: Area's of Bare dirt (Vegetation eroded away)





Mitigation Idea's: Bog Holes & Mud Channels (Locally Source Rock)







Mitigation Idea's: Hessian Bag (Wrapped in Jute matting)



Diagram: Earth Filled Hessian Bag Bund



Mitigation Idea's: Revegetation (Restoration of eroded plants)





Mitigation Idea's: Timber Ladder's / Trellis





Mitigation Idea's: Timber Ladder's / Trellis

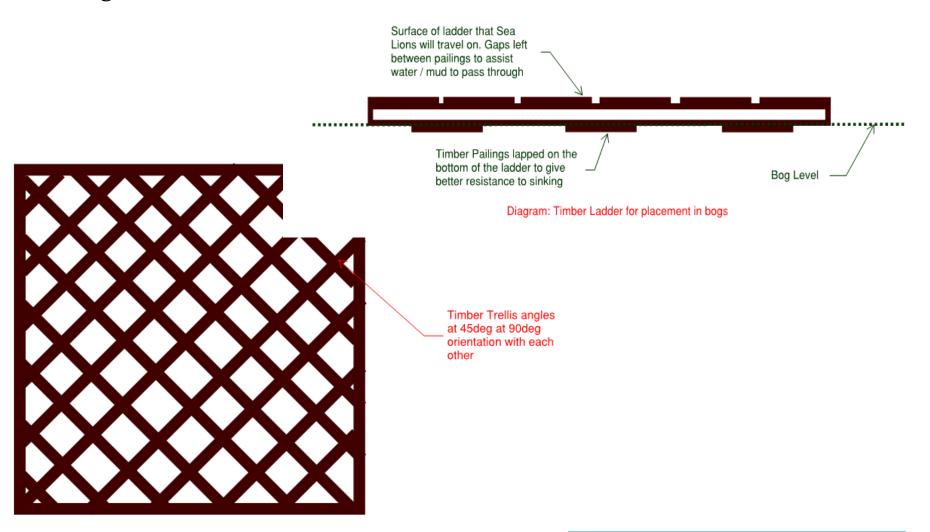


Diagram: Timber trellis for placement in bogs



Mitigation Idea's: Coir Log Pathway





300mm ø Biodegradable Coir Log. Pinned with timber stake – to hold them in place. Number of Coir logs vary depending on channel width.

Mud Channel

Diagram: Coir Log bridge in mud channel

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Mitigation Idea's: Woven Jute (or other natural sourced product) rope mats



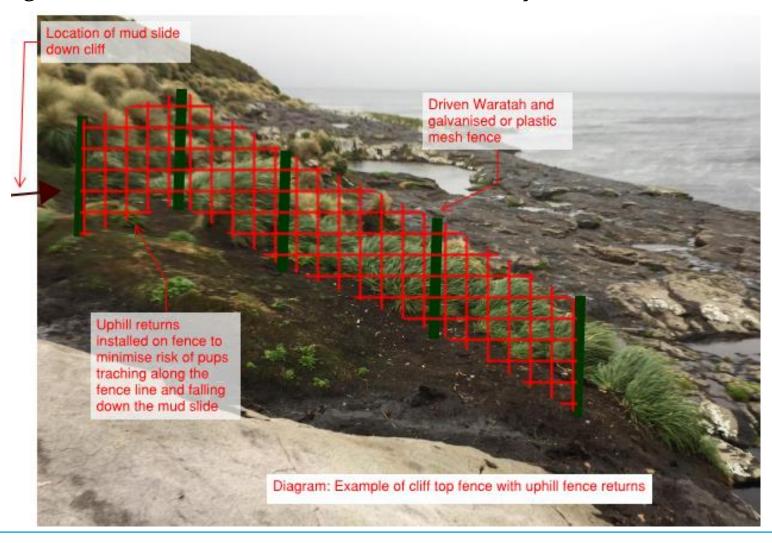


Mitigation Idea's: Hand Cut channels to drain bog's





Mitigation Idea's: Cliff's (Davis Point Mud colony Cliff 1 & 2)





Mitigation Idea's: Areas of bare dirt (Vegetation eroded away)



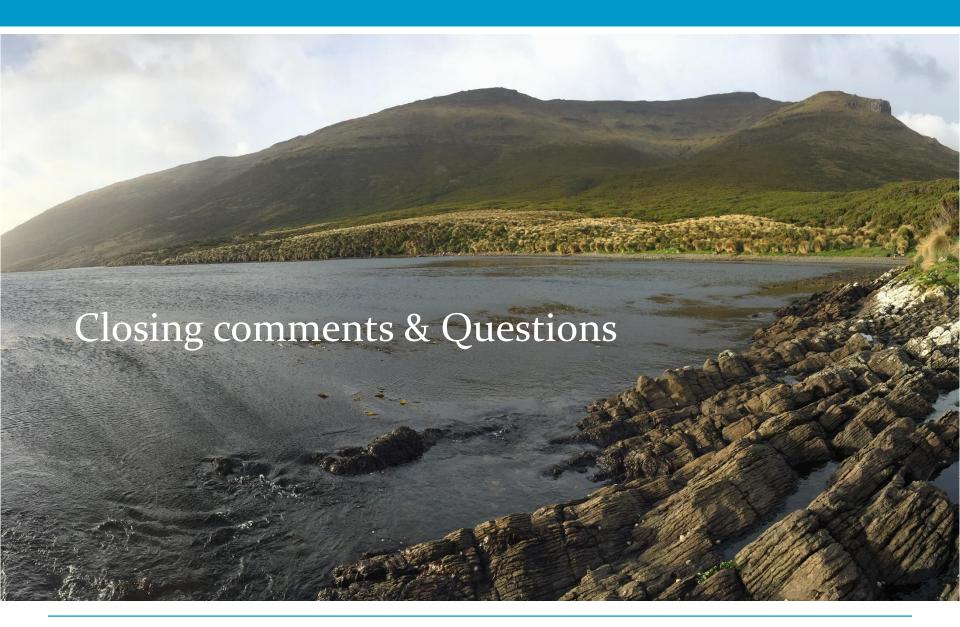
Diagram: Example of areas where there is significant vegetation loss which may be further exacerbated by erosion causing more bogs and mud channels



Mitigation Idea's: Translocation of Sea Lion's







Fulton Hogan