



Darwin Plus DPLUS065: Mapping the Falklands and South Georgia coastal margins for spatial planning (Coastal Habitat Mapping).

Project Stakeholder Group (PSG) - Draft Agenda
Friday 15th February 2019: 09:00hrs – 10:00hrs (UTC-3)
Dept. of Natural Resources: Fisheries – Conference Room

Attendees:

Neil Golding (Chair) (SAERI)
James Bates (FIFCA)
Denise Blake (FIG)
James Bryan (DoA)
Tom Blake (FIFCA)
Paul Brewin (SMSG Ltd)
Denise Blake (FIG)
Frin Ross (FC)
Helen Havercroft (GSGSSI)
Mike Jervois (DMR)
Pippa Christie (FIPLA)
Jo Muncaster (FITB)

Apologies:

Nick Pitluga
Stephen Luxton (DMR)
Naomi Baxter (FIG Biosecurity)
Megan Tierney (ACAP Coordinator)
Paul Brickle (SAERI)

Agenda:

1. Introduction

NG welcomed the group, and gave a brief verbal overview of the project noting that there were some new attendees at the Project Stakeholder Group.

2. Approve agenda

The agenda was approved with no changes or AoB added.

3. Coastal Habitat Mapping update – Falklands and South Georgia: presentation (NG)

NG presented an update to the Project Stakeholder Group on the project so far. This included:

- 1956 aerial imagery geo-referencing – now online via the Coastal Habitat Mapping webGIS https://data.saeri.org/saeri_webgis/lizmap/www/index.php/view/map/?repository=04f&project=fi_coastal_hab_map_wu_rem
- Broad-scale habitat mapping – being led by Oregon State University
 - Falklands broad-scale maps are available on the Coastal Habitat Mapping webGIS – above link)

- South Georgia broad-scale maps are now available on the South Georgia Geographic Information System: <https://www.sggis.gov.gs/>
- Fine-scale habitat modelling/mapping – following on from the stakeholder prioritisation workshops for the Falklands and South Georgia
- Satellite-derived bathymetry layer for the Falkland Islands
- Data gathering phase – Falklands and South Georgia ground validation and drone imagery capture

Jo Muncaster asked whether the imagery from the drone surveys will be made available. NG mentioned that the orthomosaics would be published on the webGIS and publically available over the coming months.

Frin Ross mentioned that the Port Howard Nature Area mapping undertaken by DPLUS065 has been extremely useful for informing the management plan. NG requested some information from Falklands Conservation on ground validation from the Port Howard Nature Area.

Jo Muncaster enquired as to whether this type of aerial imagery could be used to develop a new “Ordnance Survey” type map of the Falklands. This could potentially be a development for a new project?

Frin Ross mentioned that mapping of additional habitat restoration areas would be extremely valuable. Jo Muncaster mentioned that using the 1956 aerial imagery to look at changes to land cover (erosion etc) would be extremely valuable.

Paul Brewin enquired as to whether the processes/modelling is portable – so that it can be moved from Google Earth Engine if needed (for the broad-scale modelling). NG clarified that IMS Data Centre is developing an open source mapping/modelling system and the idea is that these processes can be transported across to new systems as and when they become available.

Helen Havercroft asked about using citizen scientists and the ODK app – how could they feed information in, who would validate their data etc. NG clarified that there would be a small cost to reviewing this data, but it certainly needs to be considered. A future discussion about the smartphone app developed for the project, and wider utility to GSGSSI (as well as other apps) would be useful with both Helen and iLaria. Potential applications could be tourists ‘tagging’ heritage artefacts using a smartphone app whilst visiting South Georgia.

Paul Brewin asked whether Sulivans or Concordia Bay had been approached about depth sounding data – which could be used for developing the Satellite Derived Bathymetry layer. NG has enquired with Workboat Services but they do not log depth data, and unsure if there is an ability for the vessel to do this.

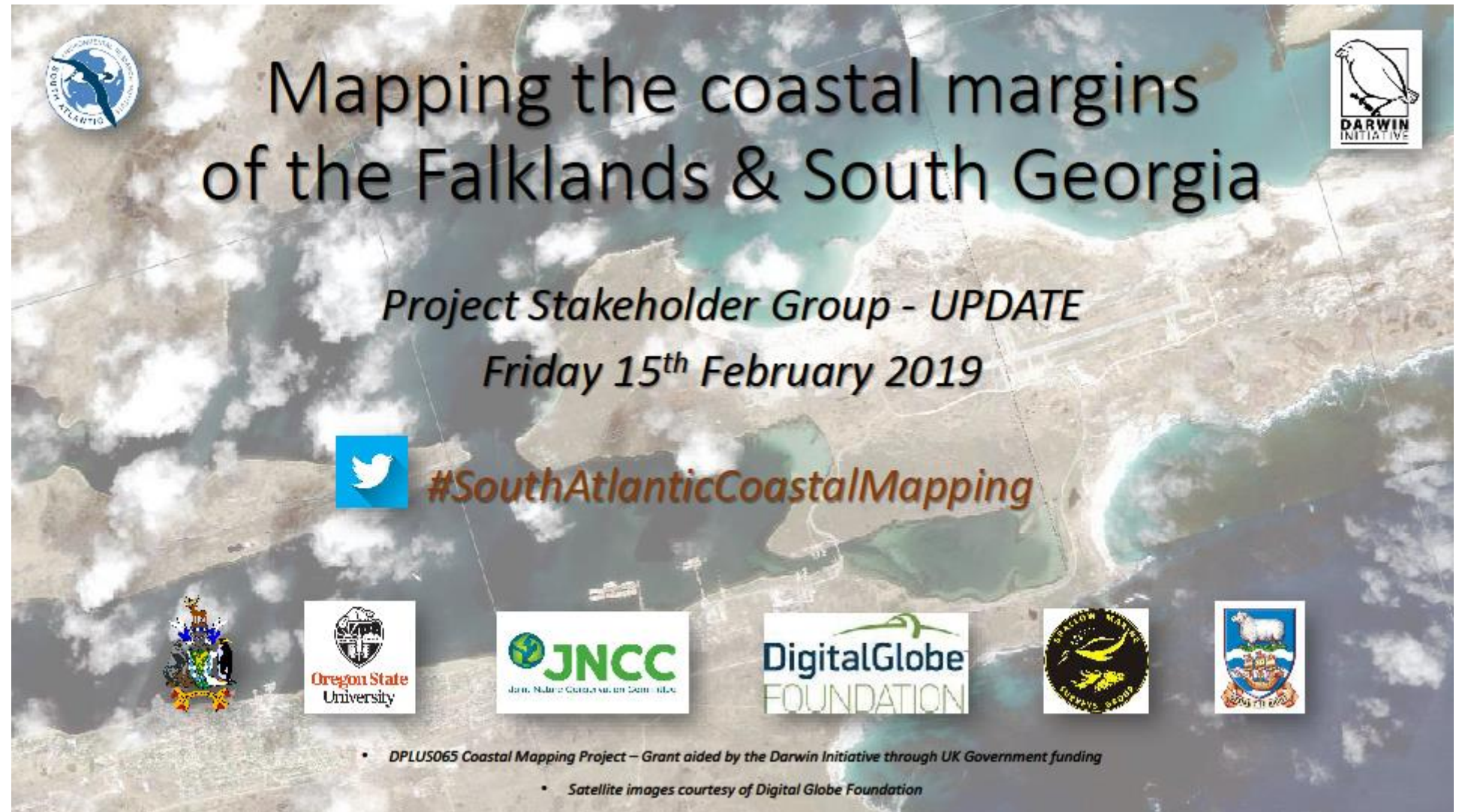
NG identified collaborations with the other Darwin Projects (MMA project and Soils projects)


Jo Muncaster mentioned getting in touch with the school regarding FICS Year 10 GSCE students who may be interested in volunteering – this will be from June/July onwards.


4. Close

NG thanked all for coming along to the meeting.


Presentation – double click embedded PDF below to open.









 Mapping the coastal margins
of the Falklands & South Georgia



Project Stakeholder Group - UPDATE
Friday 15th February 2019

 *#SouthAtlanticCoastalMapping*

- *DPLUS065 Coastal Mapping Project – Grant aided by the Darwin Initiative through UK Government funding*
- *Satellite images courtesy of Digital Globe Foundation*