

Phillip Island Biolinks Modelling Project



Project Aims

- Improve existing biolinks across Phillip Island
- Create a biolinks model to prioritise areas for remnant vegetation protection and revegetation
- Produce EVC plant species lists for revegetation/supplementary planting
- Produce a threat abatement plan

Project Tasks

Consortium:

- Oates Environmental Consulting (Alison Oates) – review of existing biolinks plan, project management, ground-truthing modelled habitat, planting guidelines
- Ecology Systems (James Garden) – biolinks model/creation of a heat map
- True South Mapping Services – preparation of spatial layers for input to model
- Gidja Walker – threat abatement plan

BCSC 2018 Phillip Island Biolinks Map

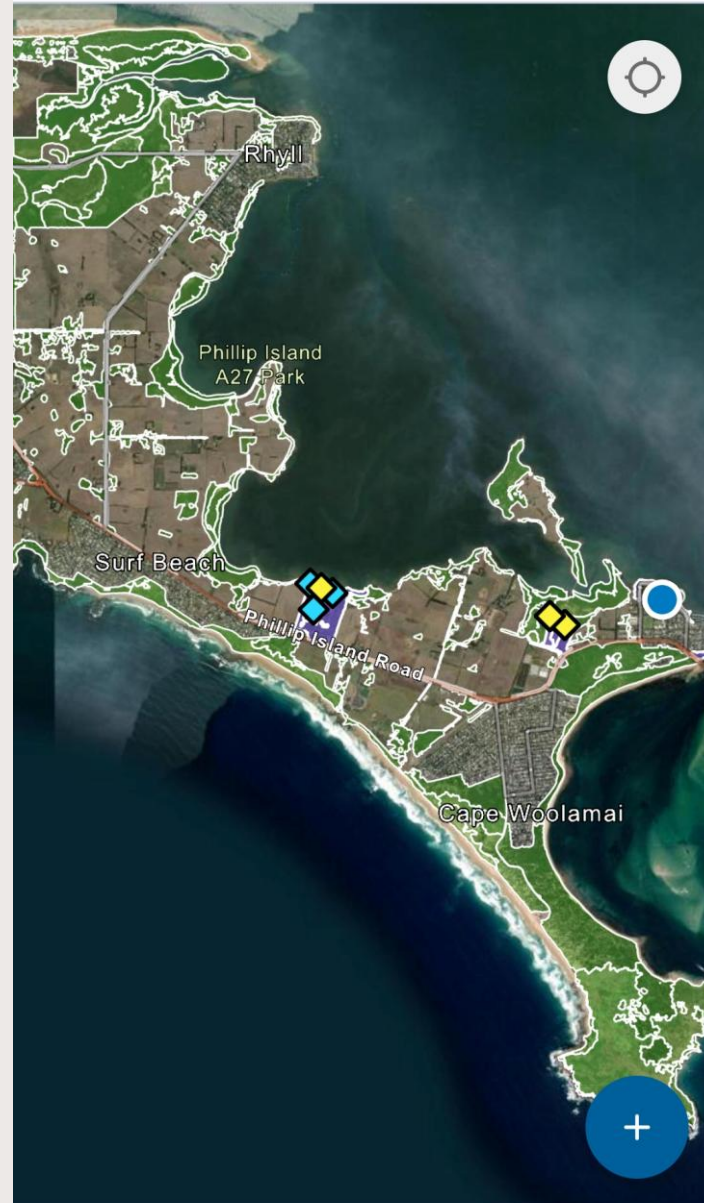


Steps in process

- Creation of a habitat spatial layer which has now been completed
- Ground truthing of habitat layer has just commenced
- Once ground-truthing completed, land use layer created and connectivity will be modelled using Linkage Mapper
- Heat map will be produced showing priority biolinks areas
- Presentation of findings to be discussed with stakeholders
- Final biolinks model created
- Planting guidelines and threat abatement plan



GPS accuracy ~1.9 m



EVC planting lists

- Grassy Woodland
- Herb-rich Foothill Forest
- Damp Sands Herb-rich Woodland
- Swamp Scrub
- Coast Banksia Woodland
- Coastal Alkaline Scrub
- Coastal Headland Scrub