

Why an Atlas is useful for Policy

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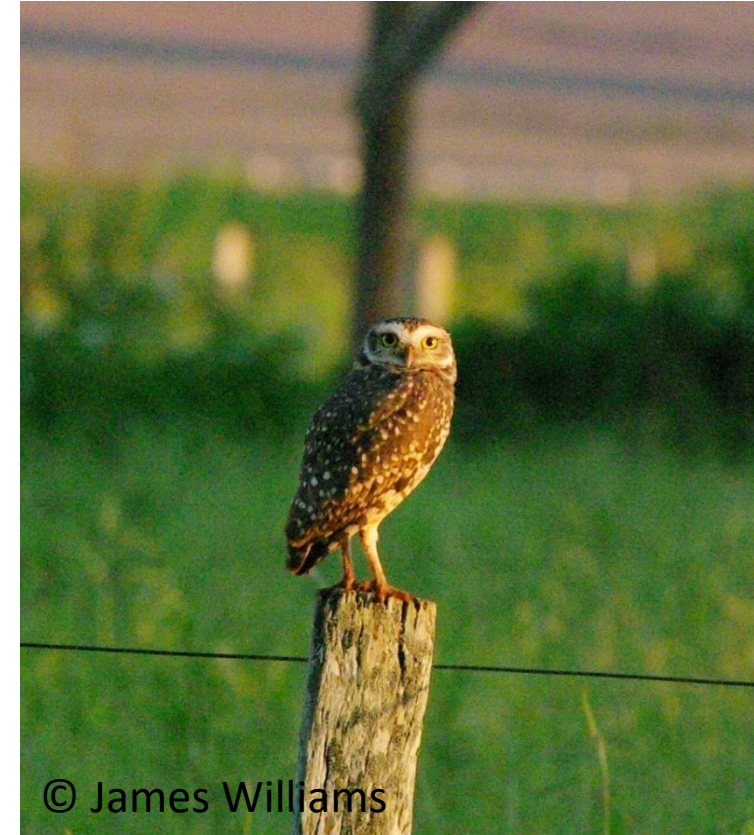
Context

- Lots of policy areas of interest – e.g. from CoP15
 - State of the World's Migratory Species
 - Marine pollution
 - Area-based conservation management
 - Species action plans
 - Connectivity
 - Climate change
 - Energy and infrastructure
 - Species listing proposals
- Not just from an Environment Department perspective



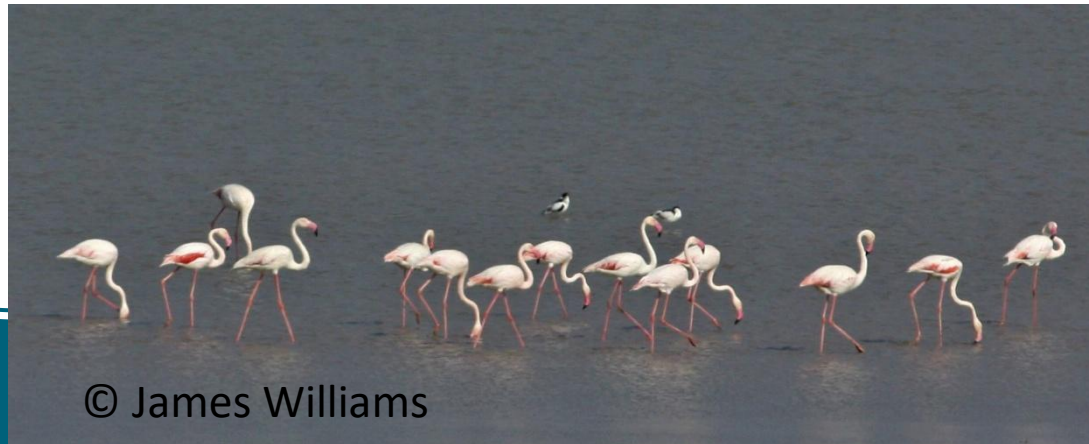
How are migration data used in policy making?

- Evaluation of range state status e.g. for new listing proposals
- Species protection policy
- Protected Areas and OECMs – where is best?
- Impacts of drivers of biodiversity loss – e.g. climate change shifts
- Links between local and global conservation and decision making
- Making Trade-offs ...



What kind of data are needed

- Up-to-date
- Synthesised, e.g. via maps
- Implications of changes explained
- Uncertainty explained
- Language that is understood by a non-expert decision maker



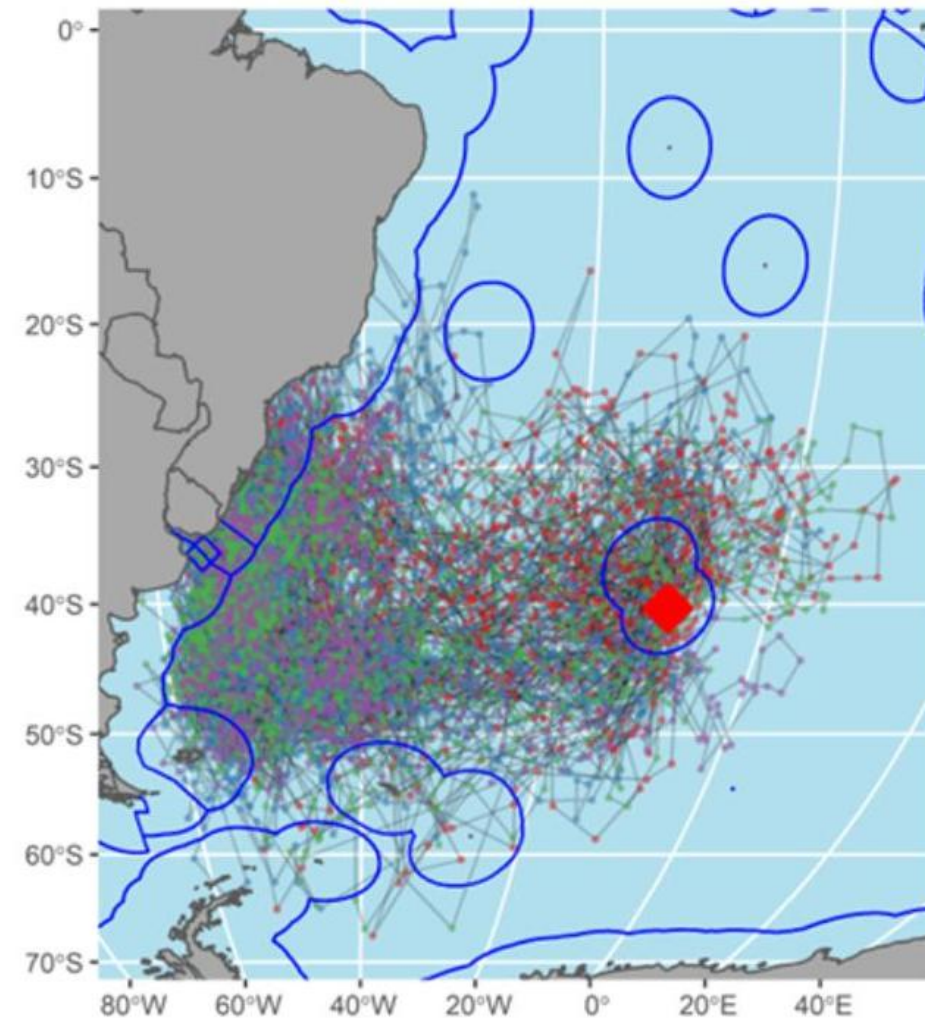
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Photo by IISD/ENB

How data availability for policy making could be improved

- Clarity on history of observations – how recent are trends
- Interactive dashboards allowing filtering
- Inference / predictions as a result of pressures like pollution and climate change
- Tracking data integrated with direct observations



Source: UNEP/CMS/COP15/Doc.30.2.5/Rev.1

Figure 5 This map shows multiple years of migrations of the Atlantic Petrel over the South Atlantic, with the breeding colony on Gough Island (United Kingdom). Data collection is from August 2010 to August 2013, each year is represented by a different colour. Data owned by Peter Ryan and Jacob González-Solís. Blue zones are EEZs; ♦ red diamond represents the colony.

Integrating policies from different Departments / Ministries

- Evaluate the effect of policies in other Departments - roads, energy etc
- Environmental assessment both at a site level and strategically
- Links with national and food security
- Silo'd policy making can be a challenge

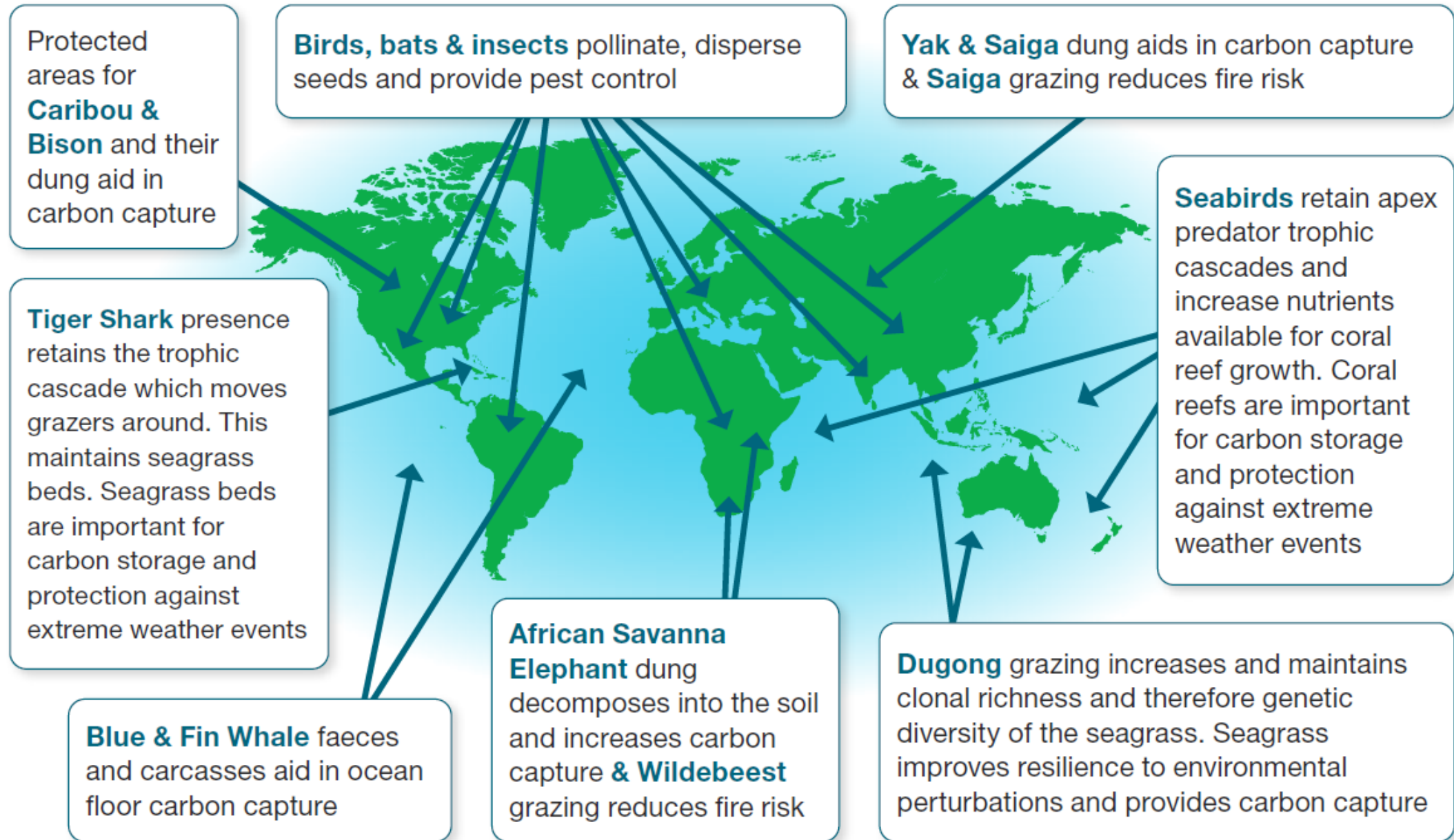


Climate Change report



- Published report at UNFCCC and CMS CoPs
- Links with IPBES spatial planning and connectivity assessment
- Make atlas relevant for global policy

Ecosystem Services from Migratory Species



Policy Perspective

What do we want

Appropriate advice

When do we want it

In time for the next political cycle



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A full-page background image showing a sunset or sunrise. The sky is a vibrant orange, with a horizontal band of lighter, wispy clouds across the middle. Numerous birds are silhouetted against the sky, appearing to be in flight. The foreground consists of dark, silhouetted hills and trees, creating a layered effect.

Questions?



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 Together for Nature

