

PARCC West Africa *News & Updates*

The newsletter of the project “Protected Areas Resilient to Climate Change in West Africa (PARCC)” provides

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Regional climate projections and

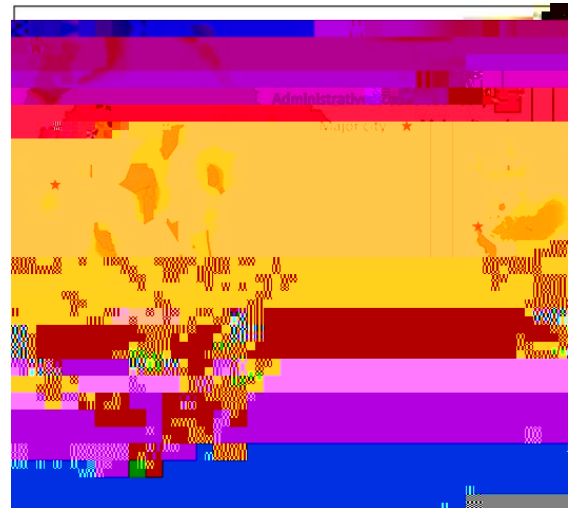
2. By integrating TVAs into SDMs: Incorporating relevant trait data into climate suitability projections to assess how individual species could respond to climate change; quantitative traits that can be considered within a dynamic modelling framework (generation length and natal dispersal distances)

systems for the five core project countries¹
and for the whole West Africa sub region to
help countries identify where new

Distribution Models (SDMs) produced by the University of Durham. The size of the dataset was subsequently reduced by only including species that were currently listed

Fig 4. Priority areas in Chad for meeting conservation targets, whilst avoiding areas with

Fig 8. Priority areas in Mali for meeting conservation targets, whilst



notably with some additional areas in the south.

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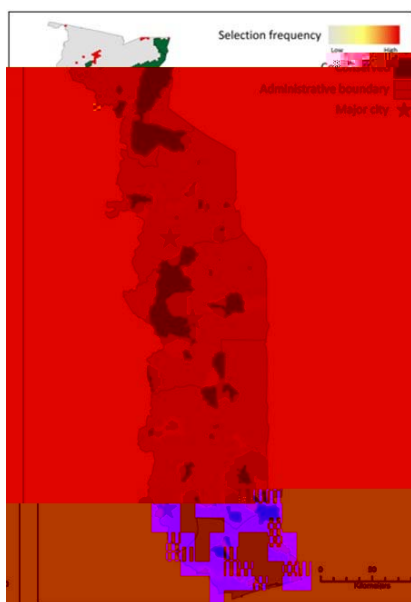


Fig 12. Priority areas in Togo for meeting conservation targets, whilst avoiding areas with high human population density where possible. Areas in red are needed to meet the targets, areas in yellow are less important but some are needed to meet the targets.

General recommendations for future work

- Enhance data collection with the inclusion of other types of conservation areas that are not currently included in the WDPA (such as Forest Reserves that are managed for biodiversity).
- Include better landcover and vegetation maps in future analyses and seek support from donors for the development of such maps in countries that currently lack them.
- Improve the planning unit cost metric in those countries with coarse scale human population size data by combining it with data on distance to roads and settlements.
- Develop new approaches for setting targets that account for taxonomic differences in the precision of range maps and the relationship between range and area of occupancy.
- Visit proposed priority areas and survey biodiversity to verify that they are indeed important for their conservation features for which they were selected.

A Massive Open Online Course (MOOC) on Protected Areas Management!

This online course deals with conservation challenges in Africa and explores how to improve the management and the governance of protected areas using the best practices edited by the World Commission on Protected Areas (WCPA). The course is in French, subtitled in English.

Watch the teaser here:

<https://www.youtube.com/watch?v=k26pijss32k>

Subscribe for free to the Mocc: <https://www.coursera.org/course/apafrique?authMode=signup&action=enroll&sessionId=976261>