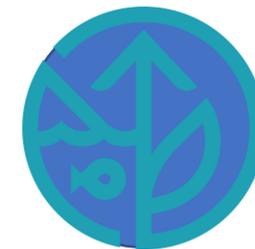# Blair-An integrated biodiversity monitoring system for Colombia

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1. We aim to advance tools to support and test an integrated biodiversity monitoring system for Colombia's Protected Areas building on current A.50 NASA projects in partnership with the Colombia Biodiversity Observation Network (BON), which have developed:

   - tools for modeling and mapping species distributions

   - decision-support infrastructure and tools related to ecosystem distribution and biodiversity indicators

   - new remote-sensing based datasets on ecosystem structure.

2. By integrating these tools and datasets, we will generate new information on species, community, and ecosystem representativeness and protected area connectivity in Colombia to deliver a dynamically updated information and monitoring system for Colombia's biodiversity.

3. The project will inform key decisions about protected area design and monitoring plan strategies in Colombia towards 2030 biodiversity targets.

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