

Tools to help drive the ongoing development of PIPAP







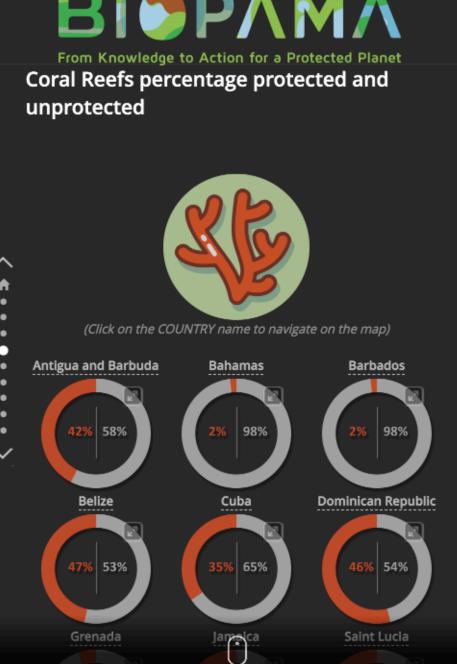


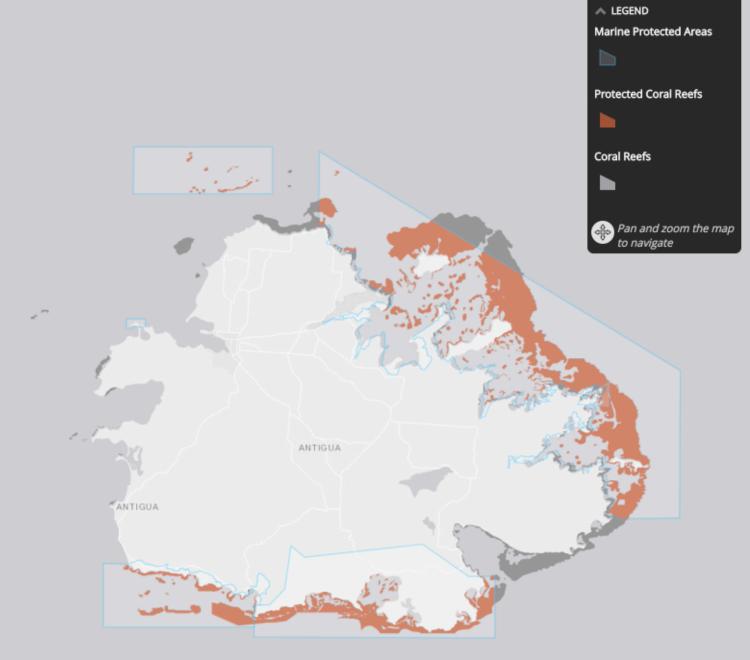












JRC's Mission

As the science and knowledge service of the Commission our mission is to support EU policies with independent evidence throughout the whole policy cycle



Science supporting policy

Knowledge driving decisions

European Commission

World leader in geospatial applications for policy





European Union support for sustainable use and conservation of nature in developing countries

The European Union has a strong and proud record of supporting conservation worldwide.





Within the EU, it has created the largest network of protected areas in the world, Natura 2000. Globally, it works to protect animal and plant species that face particular threats and to fight the illegal wildlife trade. In EU international development cooperation, meanwhile, we place a strong emphasis on protecting wildlife and ecosystems to combat poverty and improve livelihoods.



EU leading donor of development assistance - €75.7 billion in 2017 (57% of global ODA) Long-standing relationships with conservation actors



Our BIOPAMA Objectives 2017-2023

Standardised tools, indicators and metrics on protected areas globally – Digital Observatory of Protected Areas (DOPA)

A dedicated information system focused on the protected areas of the ACP – BIOPAMA Reference Information System

Regional systems, within operational observatories, driven by regional needs

A comprehensive approach to the issues of protected area management effectiveness and governance

Supporting the Pacific Islands Protected Area Portal (PIPAP) and the regional observatory for protected and conserved areas

Bringing the results of these systems closer to the decision making process, at all levels





















- With each other, through the Yammer Network
- With datasets and services, through industry-standard protocols
- With other systems and tools
- With updated news, events and opportunities related to protected areas
- With the wider public, through StoryMaps and data visualisation





Angola - Antigua and Barbuda - Belize - Cape Verde - Comoros - Bahamas - Barbados - Benin - Botswana - Burkina Faso - Burundi - Cameroon - Central African Republic - Chad - Congo (Brazzaville) - Congo (Kinshasa) - Cook Islands - Cte d'Ivoire - Cuba - Djibouti - Dominica - Dominican Republic - Eritrea - Ethiopia - Fiji - Gabon - Gambia - Ghana - Grenada - Republic of Guinea - Guinea-Bissau - Equatorial Guinea - Guyana - Haiti - Jamaica - Kenya - Kiribati - Lesotho - Liberia - Madagascar - Malawi - Mali - Marshall Islands - Mauritania - Mauritius - Micronesia - Mozambique - Namibia - Nauru - Niger - Nigeria - Niue - Palau - Papua New Guinea - Rwanda - St. Kitts and Nevis - St. Lucia - St. Vincent and the Grenadines - Solomon Islands - Samoa - Sao Tome and Principe - Senegal - Seychelles - Sierra Leone - Somalia - South Africa - Sudan - Suriname - Swaziland - Tanzania - Timor Leste - Togo - Tonga - Trinidad and Tobago - Tuvalu - Uganda - Vanuatu - Zambia - Zimbabwe









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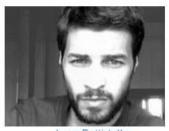
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- Share data, maps and other information resources through GeoNode http://geonode-rris.biopama.org/
- Help design the features of the RIS and RRIS http://rris.biopama.org/
- Create data, using community platforms like OpenStreetMap. http://beta.biopama.org/
- Improve global databases with regional contributions, e.g. WDPA, through the BIOPAMA Observatory



A data repository for biodiversity and protected areas

The BIOPAMA project aims to build a solid information base for decision making on protected areas in the Africa, Caribbean, Pacific (ACP) region. This repository, based on GeoNode, is part of the BIOPAMA Reference Information System. Here you can discover and use maps, reports, data and other information sources, and upload your own to share with others. The themes of data you can find here cover a broad range of natural resource management and related topics.

The core development is done by the Joint Research Centre of the European Commission, based in Italy. Our project partners IUCN are working with regional institutions to set up Observatories, which will use GeoNode to help share important data.

The BIOPAMA project began in July 2011 and is now in its second phase, running until 2023. It is closely linked to the development of the Digital Observatory of Protected Areas (DOPA), which provides harmonised indiactors and data on protected areas globally. JRC and IUCN are now working with our institutional partners to ensure the long-term sustainability of the Observatories and the Reference Information System. You can find out more about BIOPAMA at the main project page www.biopama.org.



218 Layers

Click to search for geospatial data published by other users, organizations and public sources. Download data in standard formats.

Explore Layers »



52 Maps

Data is available for browsing, aggregating and styling to generate maps which can be shared publicly or restricted to specific users only.

Create maps »



100 Users

GeoNode allows registered users to easily upload geospatial data in several formats including Shapefile, GeoTiff and various kind of Documents.

Share data »





- Find useful data, maps and reports through GeoNode http://geonode-rris.biopama.org/
- Browse PA data and statistics at region, country and site level http://rris.biopama.org/country/TL
- Compare global indicators from the Digital Observatory of Protected Areas (DOPA) http://dopa-explorer.jrc.ec.europa.eu/
- Discover related projects, funding and solutions in your region http://econservation.jrc.ec.europa.eu/country/MZ





Explore

Contribute

€ Login/Register

Samoa





Key protected area stats

Total number of protected areas: 84 Terrestrial protected area coverage: 6.77% Shortfall to the CBD's 17% terrestrial target: 10.23% Landlocked country: no Total number of marine protected areas: 73 Marine protected area coverage (0-200 nm): 0.09% Shortfall to the CBD's 10% marine target: 9.92%

Key biodiversity links

Convention on Biological Diversity (CBD) Country Profile (includes latest NBSAP and CBD National Report)

CBD Programme of Work on Protected Areas (PoWPA) Action Plan Digital Observatory for Protected Areas (DOPA) Country Data World Database on Protected Areas (WDPA) Country Data Global Biodiversity Information Facility (GBIF) Country Summary BirdLife International Country Profile NatureServe Country Dashboard

Key country indicators

Terrestrial area (km²): 2,830 (2015) Total population (people): 193,759 (2015) Population density (people per km² land area): 68.47 (2015) Population growth (annual): 0.8% (2015) GDP growth (annual): 1.6% (2015) GDP per capita, PPP (current international \$): \$5,919.36 (2015)

Other country links

EC EuropeAid Country Info EU External Action Country Info World Bank Country Page UN Data Country Profile **UNDP Country Profile** UNEP Country Profile FAO Country Profile CIA World Factbook Country Info Wikipedia Country Info

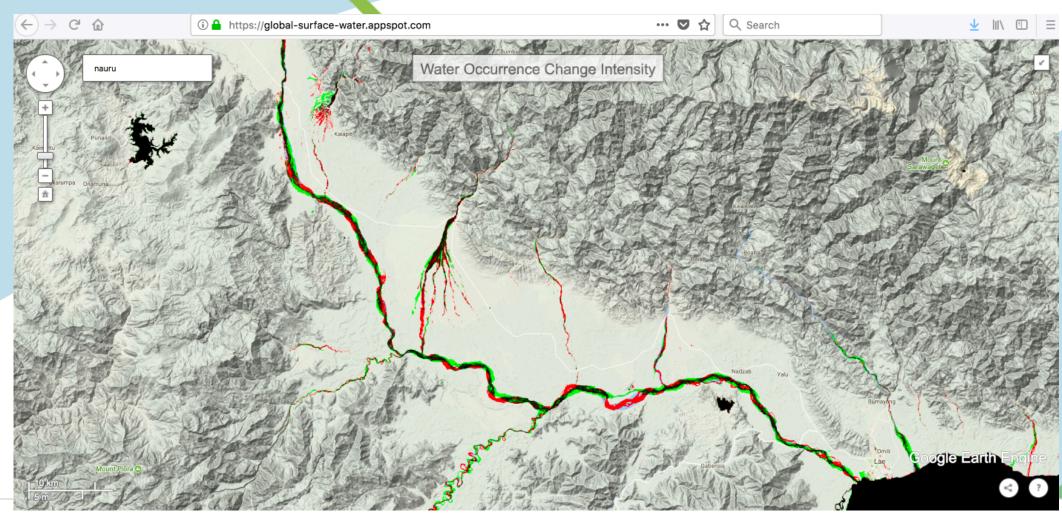


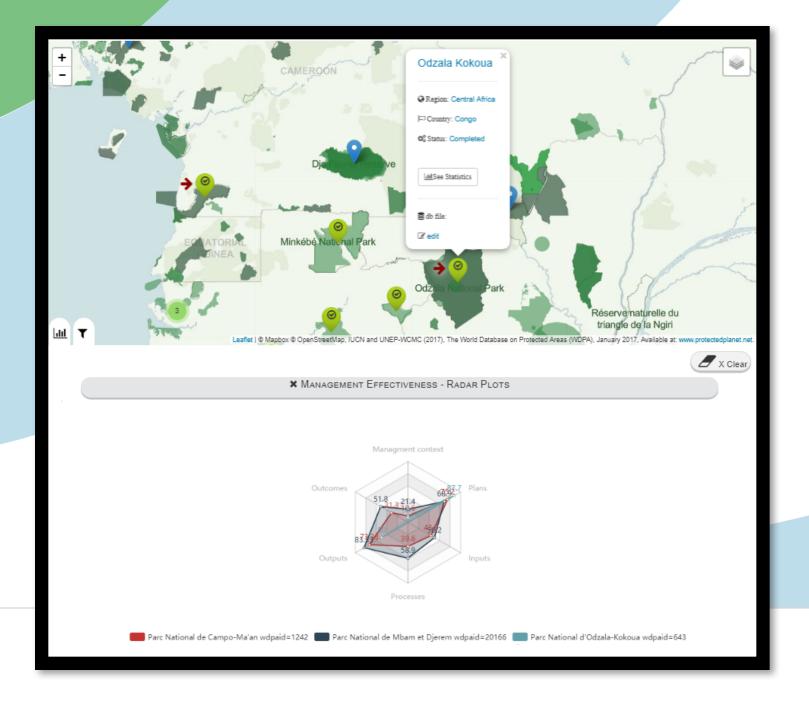


- Show trends and change in protected areas over time
- Compare and rank protected areas
- Dynamics outside of protected areas
- Understand ecological connectivity of protected areas
- Assess pressures and threats
- Explore management effectiveness and governance
- Support applications for funding (i.e BIOPAMA Action Component)
- Generate input to reporting
- Feed data into more sophisticated models and tools (e.g. Marxan, SMART)









Management Effectiveness

http://rris.biopama.org/imetassessment#

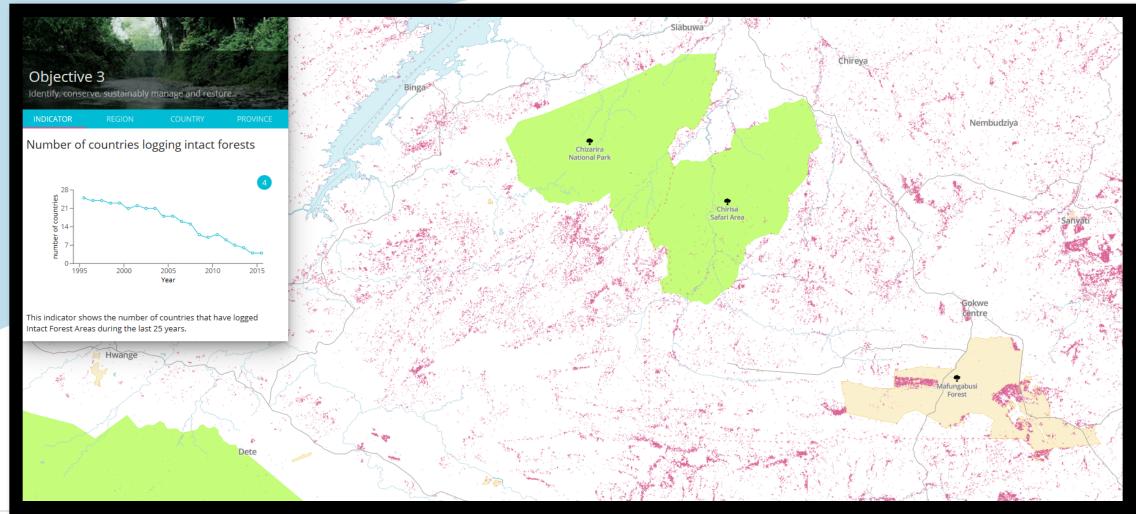




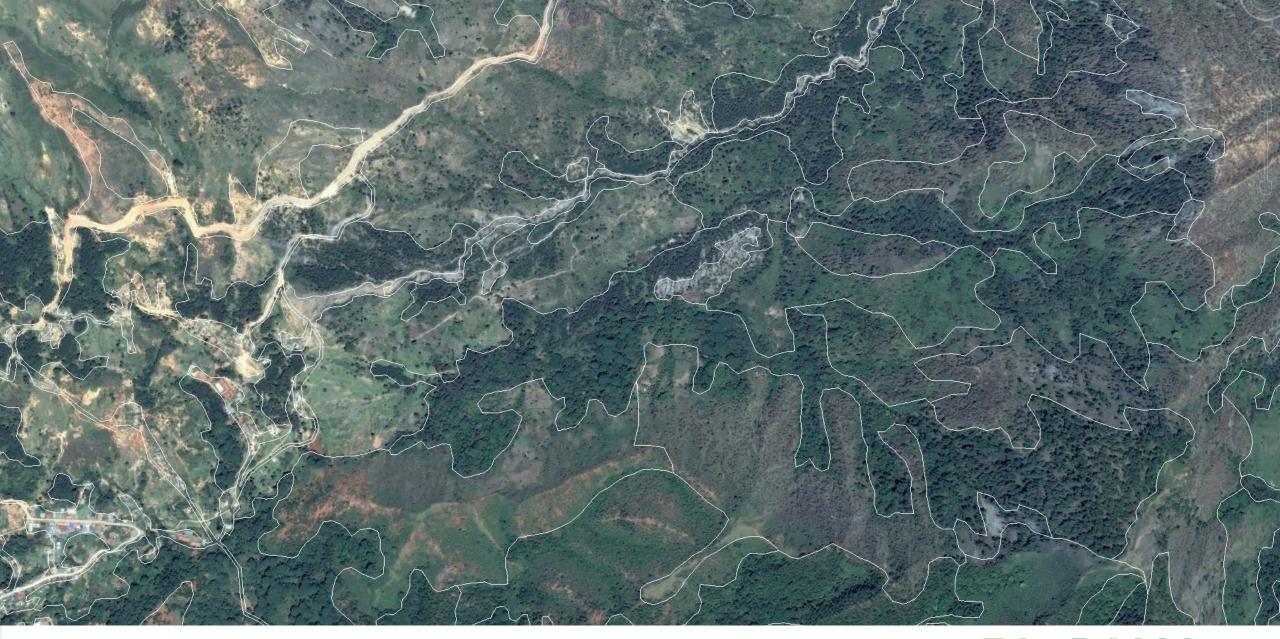
- Discover training opportunities
- Share your experience
- Learn by doing
- Follow simple on-line training
- Dedicated data management workshops



A Target-Based Approach







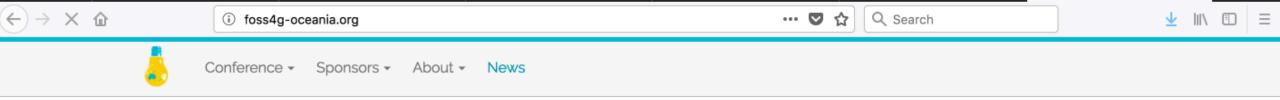


Conclusions

- An open platform
- Designed to link to other datasets and platforms, focus on integration
- Driven by regional needs
- Improving databases at global, regional, national and site level
- Terrestrial and marine
- Combining geospatial and non-geospatial (management, governance....)
- Same architecture across regions, but customised content and interfaces
- A hub for PA data and WDPA reporting
- Supported by JRC
- From data to analysis
- From knowledge to action
- What are the incentives to use and contribute to this platform?
- What are the other systems and datasets that should be linked?
- What are the priority analytical needs?









Melbourne, Australia | November 20-23, 2018

For the first time, the FOSS4G and OpenStreetMap communities of Australia, New Zealand, and Oceania are gathering for 4 incredible days of exploring open source geospatial tech & open data.



From Knowledge to Action for a Protected Planet

rris.biopama.org









www.biopama.org

The Biodiversity and Protected Areas Management Programme (BIOPAMA) is an initiative of the ACP Group of States funded by the European Union's 11th European Development Fund.