AMPs Atlas *Research highlights* article template

Parks Australia has established an Australian Marine Parks Science Atlas to help with the **dissemination, promotion, and discovery** of contemporary science relevant to Australian Marine Parks.

These articles are designed to highlight research that is occurring in Australian Marine Parks. The articles are short pieces (< 500 words) that communicate the purpose, context and main scientific findings in an interesting (punchy) and understandable manner.

They are pitched at marine park managers, key stakeholders and members of the scientific community who are seeking to better understand the state of scientific knowledge and current scientific work relevant to the Australian Marine Parks (AMPs), and discover more detailed information (published elsewhere) that could inform specific management decisions. The articles should also be easily digestible by members of the broader community who may access the Atlas out of general interest.

These articles may not cover all research undertaken within marine parks, but they will help to give managers and researchers an understanding of the type of science that Parks Australia are interested in and where there may be research gaps.

Articles may cover or relate to any scientific research (traditional and/or 'citizen' science) occurring within one or more of the 58 marine parks managed by the Director of National Parks, or is directly relevant to one of these parks. Social, economic and cultural research, as well as biophysical research, is welcome.

It must be agreed with all necessary contributors that the article, including any visuals, can be made available under a Creative Commons attribution license.

Text template

Total word count: Max 500 words exc. related publications.

Title: A short engaging non-technical title that explains what the article is about.

Summary/Teaser: This is used alongside the title as a preview for the article – just a single summary-style sentence to entice the reader in.

Where: The location the study took place or is related to. This should be as specific as possible e.g. which seamount/reef/canyon etc. It must include the name of the marine park(s), and Network (s). Note: GPS coordinates of the research location(s) should also be provided to Parks/AIMS where possible for mapping purposes.

Who: The principal researchers, organisations, agencies, partners and funding bodies who contributed to the research that was undertaken.

When: The time period during which the research was undertaken, including specific dates for on-water surveys or other major components of the research. Format yyyy **OR** month(s) (in text) yyyy if possible/applicable.

Why: (approx. 100 words). This paragraph should explain the significance of the research for Australian Marine Parks. This could include why was it instigated, putting it in a context where readers will understand how/where it fits in to the bigger picture – both global and local. Why do we (an average person) care? How will this research contribute to conservation and management, with a focus on marine park management in particular.

How: What methods were used (e.g. BRUV's, AUV, towed video etc.)? (approx. 150 words?) Including was there anything unique or different about the methodology (e.g. first time equipment was used at a certain depth in AMPs, used citizen science, first recorded scientific activity in a particular reserve, novel application of standard method); did it follow standard protocols; were field surveys done inside and outside the MPAs, was analysis of data done? Keep the level of detail broad and reasonably non-technical.

What did we learn *(and what does it mean?)***?** (approx. 150 words). This should briefly explain what new knowledge came from the research. What data was collected, what are the results of any analysis, are there particular knowledge gaps this work has helped fill in and how does it relate/add to our understanding outlined in *why*?

What next? (approx. 100 words). This paragraph should state any ongoing research outcomes (e.g. analysis still to be undertaken) and potential continuation or extension of the work to inform Australian Marine Park management. What further work needs to be carried out to complete the research (e.g. data collection, data analysis)? Or if this research (or aspect of it) is complete how has the new knowledge been applied, what management related questions has it raised, what additional data or information is needed to make it directly useful to managers, and what are some of the future research opportunities that it could lead to?

Related data and publications: A dot point list of any publications (peer-reviewed journals, reports, communications articles, blogs) and/or data sets that were produced of the research, including hyperlinks to these where available. These should relate directly to the research outlined in the article, e.g. the methods, results, communications etc, and should not include publications that are only relevant to the research topic.

Visuals

Each article should be accompanied by one to three visuals, including at least one image. Visuals may include photos, videos, figures, infographics and diagrams.

Each image/video should be provided with a title, a short and informative description, attribution (photographer/videographer, organisation) and must be supplied under a creative commons attribution license. To choose which CC license you would like to use please see the following page https://creativecommons.org.au/learn/howto/ and licensing flow chart http://creativecommons.org.au/content/licensing-flowchart.pdf.

Images should be the highest resolution possible – at least 1500 pixels (width or height) is preferable. Videos should also be highest definition available, preferably > 1080 pixels.

Image/video description: (approx. 100 words). The description of the visual should provide an explanation and context for what is shown. For example, this may include information about the particular species or habitat, or an explanation of a particular behaviour an animal might be showing. If the visual was taken as part of a survey or affiliated with a particular project or organisation (e.g. survey to map seafloor in the marine park, Reef Life Survey, Project ORCA) it may also include a brief explanation of the project/survey/organisation itself and what is does, or it may also detail information about the equipment used to capture the footage e.g. BRUVS, ROV, AUV if that is of interest. **Rule of thumb**: If you can't write a description, don't use the image.