

ARMS 2024 CONFERENCE ABSTRACT

Theme: Professional research management as an embedded practice

Title: Strategic Insights: Data-driven Research Portfolio and Resource Management with Power BI

Author: Hayley Gorsuch - *Australian Institute of Marine Science*

Abstract:

In the fast-paced realm of a research institute, effective project, portfolio and resource management is a cornerstone of success. For research organisations/institutions the establishment of an Enterprise Project Management Office (EPMO) can be a transformative force, standardising the way projects are planned, executed, and monitored as well as providing tools to analyse the performance of projects, portfolios and resources. This presentation explores the role, benefits and potential evolution of an EPMO within a research context, focussing on its capacity to develop project management standards, enhance transparency, streamline reporting processes, improve resource management and empower data-driven decision-making. The EPMO serves as a strategic enabler, aligning project delivery with organisational objectives and optimising resource allocation through robust reporting mechanisms and data analytics. The presentation will examine how the EPMO at AIMS was established, how it has matured and provide specific examples of how, where and when the EPMO as been used to support strategic and operational decision making. It will further examine the evolution of the EPMO as the organisation has matured in understanding the benefits and costs of its' EPMO and challenges faced in along the way.