

PacIOOS Management and Operations Personnel

July 2020

- i. Identify the individual(s) responsible for overall RICE management

Melissa Iwamoto is the lead PacIOOS Principal Investigator and PacIOOS Director. She currently holds executive leadership in all matters regarding PacIOOS budgets and operations, oversees PacIOOS strategic planning, contract agreements, and partner development throughout the entire geographical region. Iwamoto is also responsible for governance-related activities, serves the Governing Council, and supervises staff and island liaisons.

Fiona Langenberger is the PacIOOS Communications and Program Coordinator. In this role she independently manages program projects and oversees outreach, communications, and stakeholder engagement throughout the Pacific Islands region. She also supervises students and contractors working with PacIOOS management to increase and enhance outreach and engagement efforts.

- ii. Identify, as applicable, the individual(s) responsible for observations systems management across the region.

Due to the limited accredited academic institutions with the capacity to operate observations systems, PacIOOS operates under a very centralized system to serve an extremely large region of the world. As a result, PacIOOS relies on several key personnel to manage the operations of the observations systems of the RICE.

Charles (Chip) Young is the PacIOOS Operations Coordinator. He is responsible for the day-to-day management and coordination of PacIOOS observations and permits, including NEPA environmental compliance, across the PacIOOS region.

Pierre Flament is faculty in the Oceanography Department at the University of Hawai‘i at Mānoa and a PacIOOS co-Investigator. He leads the High Frequency Radar (HFR) component of PacIOOS. He is responsible for the development, installation, data quality, and operations of all HFR equipment and efforts across the PacIOOS region, spanning from Hawai‘i to the Mariana Islands (Guam and Tinian in the Commonwealth of the Northern Mariana Islands) in the Western Pacific. He also supervises staff and students working to develop and maintain the HFR arrays.

Kim Holland is research faculty at the Hawai‘i Institute of Marine Biology (HIMB) at the University of Hawai‘i at Mānoa and the PacIOOS co-Investigator leading the ecosystem and fisheries component of PacIOOS. He is responsible for animal telemetry research and development and for deploying satellite tags and land-based receivers and acoustic transmitters and receivers related across the PacIOOS region. This effort includes the expansion of efforts to build capacity, train, and design tagging efforts in Guam, CNMI, American Samoa, and the Freely Associated States. He also supervises staff and students working to design, develop, and maintain the PacIOOS animal tagging program.

Margaret McManus is faculty in the Oceanography Department at the University of Hawai‘i at Mānoa and a PacIOOS co-Investigator. She leads the nearshore water quality and wave buoy components of PacIOOS. She is responsible for designing and maintaining the nearshore water quality monitoring efforts across the PacIOOS region, including Hawai‘i, Marshall Islands, the Federated States of Micronesia (FSM), Guam, Palau, American Samoa. She also supervises staff and students to design, install, and maintain the PacIOOS nearshore water quality program. McManus is also responsible for purchasing, deployment, maintenance, and operations of all wave buoys and related instrumentation across the PacIOOS region. She supervises staff working to develop and maintain the PacIOOS wave buoy network, which spans from Hawai‘i to the Marshall Islands, to the Mariana Islands, and down to American Samoa. This year the program is expanding to include Palau and the FSM.

James Potemra is faculty in the Hawai‘i Institute of Geophysics Department and the Oceanography Department at the University of Hawai‘i at Mānoa and is a PacIOOS co-Investigator. He leads PacIOOS data management. He is responsible for ensuring that all data collected by the program are properly handled, preserved, and made available via IOOS-standard services. Potemra oversees a data management team of approximately four personnel who maintain the PacIOOS data system.

DATA MANAGEMENT PERSONNEL

Jim Potemra, PacIOOS Data Management Lead (see description above).

John Maurer is the PacIOOS Data System Engineer. He applies his extensive computer and programming capabilities and knowledge to the development of the PacIOOS Voyager data portal. John is also responsible for creating and building the data accessibility, functionality, visual display, and interactive options in Voyager. Voyager includes global, Pacific-wide, and national data, with a focus on all regions of PacIOOS. Maurer works with the PacIOOS Communications and Program Coordinator to customize Voyager and other data tools and services to meet stakeholder needs.

Procedures used to evaluate the capability of the individuals identified above to conduct the assigned duties responsibly:

All staff and executive leadership of PacIOOS are employees of the State of Hawaii, through the Research Corporation of the University (RCUH) of Hawaii. For all RCUH employees, annual performance reviews are conducted. Continued participation in PacIOOS, and employment with the program are dependent upon responsible execution of the job duties incumbent to the position they hold.

https://www.rcuh.com/wp-content/uploads/2017/06/3.410-RCUH-12-Month-Needs-Based-Performance-Eval_041819.pdf

Faculty members of the University of Hawaii (UH), engaged with PacIOOS as co-Investigators, are subject to annual review prior to their receipt of tenure, and then participate in post-tenure reviews to gauge productivity, performance, and impact. As faculty of UH, co-Investigators participate in the PacIOOS program at the mutual consent of both the individual, and the Principal Investigator. Faculty members who do not maintain the highest standards of performance and accountability can and have been separated from PacIOOS following established internal UH process and procedures.