

Third session of the Commission for Weather, Climate, Hydrological, Marine and Related Environmental Services and Applications (SERCOM-3)

Name: Mr. Raymond Masaharu Tanabe

Involvement in WMO bodies:

- 2023-pres. Member of the WMO Services Commission Management Group (MG-SERCOM). Hosted the 2nd face to face SERCOM-MG Meeting in Honolulu, HI.
- 2013-2023 U.S. Head of Delegation/Principle Delegate to the UNESCAP/WMO Typhoon Committee
- 2017-2021 Chairperson, Advisory Working Group, UNESCAP/WMO Typhoon Committee. In 2020, guided the first Annual Session and Integrated Workshop. Oversaw the development of the 2022-2027 Typhoon Committee Strategic Plan.
- 2017-2021 Member of RA V Management Group. Lead for the WMO RA V Working Group for Weather Services.
- 2016-2017 Chairperson of the UNESCAP/WMO Typhoon Committee. Oversaw the development of the 2017-2021 Typhoon Committee Strategic Plan.
- 2015-2016 Vice Chairperson of the UNESCAP/WMO Typhoon Committee
- 2013-2015 Co-Vice Chairperson, Advisory Working Group, UNESCAP/WMO Typhoon Committee
- 2010-2012 Member of the Management Teams for the WMO Severe Weather Forecast and Disaster Risk Reduction Demonstration Projects (SWFDDP) in RA-V. Delivered high resolution WRF model for Samoa, Niue, and Fiji. Partnered with MetService New Zealand to provide in-country training for Samoa and Fiji.

Other International Engagement

- 2023-pres Member of the U.S. team supporting the Joint Center for Satellite Data Assimilation and the Trans-Atlantic Data Science Academy. These programs support a variety of data assimilation efforts to improve numerical model prediction.
- 2013-pres Administer U.S. commitments to provide weather services for the Republic of Palau, the Federated States of Micronesia, and the Republic of the Marshall Islands under the U.S. Compacts of Free Association with these three countries. Provide direct support to maintain staffing, forecasts, warnings, surface observations, and upper-air observations.

- 2013-pres U.S. representative to the Secretariat of the Pacific Regional Environment Program (SPREP) Pacific Meteorological Council (PMC). Support provision of weather, marine, climate, and tsunami forecasts and warnings for all PMC members.

- 2013-pres Oversee the Pacific Tsunami Warning Center, which is the recognized Tsunami Service Provider for the International Oceanographic Commission Pacific Tsunami Warning System and the Caribbean Early Warning System. Oversee the International Tsunami Information Center, supporting tsunami education, resiliency, hazard mitigation, and decision support services for IOC members.

- 2011-pres Oversee the Pacific International Training Desk. Support and provide in-person forecaster training in Hawaii and Guam, USA. As of 2023 over 200 participants from RA V and RA II have attended this training.

Summary of Professional Qualifications:

- 2023 Secondment as Acting Director, NOAA Office of Atmospheric Research, Weather Program Office, Silver Spring, Maryland. Direct USD \$40M+ in climate, weather, and marine research supporting the NOAA mission.

- 2022 Promoted to Senior Executive Service, NOAA National Weather Service (NWS). Highest management and leadership rank for civil service employees in the U.S.

- 2013 Promoted to Director, NOAA NWS, Pacific Region. Direct the largest geographical region in the NWS, spanning 11 time zones. Oversee RSMC Honolulu, MWO Honolulu, and the Pacific Tsunami Warning Center.

- 2011 Promoted to Meteorologist in Charge, Weather Forecast Office Honolulu, Hawaii; Director, Regional Specialized Meteorological Centre (RSMC) Honolulu; Director, NOAA NWS Central Pacific Hurricane Center; and Director, Meteorological Watch Office (MWO) Honolulu. Positions held concurrently.

- 2010 Promoted to Director of Operations, NOAA NWS Weather Forecast Office (WFO) Honolulu, Hawaii and Deputy Director, Regional Specialized Meteorological Centre (RSMC) Honolulu. Oversee daily operations for the largest WFO in the National Weather Service

- 2007 Promoted to Warning Coordination Meteorologist, NOAA NWS, WFO Honolulu. Primary liaison to provide decision support services for emergency managers, internal and external partners, and media.

- 2006 Promoted to Lead Meteorologist and Senior Hurricane Specialist. Serve as shift supervisory meteorologist and fully qualified RSMC tropical cyclone forecaster.

2003 Promoted to General Forecaster. Fully certified (BIP-M) operational forecaster)

2000 Joined NOAA NWS as an Meteorologist Intern

1997-2000 Student Intern with NOAA NWS while in Graduate Degree Program

Awards:

2021 National Weather Service (NWS) Special Act Service Award for outstanding performance

2020 NWS Time Off Award for outstanding performance

2010 Department of Commerce Silver Medal for the coordination and evacuation of 17 people from remote island camps in the Papahānaumokuākea National Marine Monument in advance of Hurricane Neki

2007 Department of Commerce Bronze Medal for Superior Federal Service

2004 Department of Commerce Bronze Medal for Superior Federal Service

Summary of Education:

2000 Master of Science in Meteorology. University of Hawaii, School of Ocean and Earth Sciences and Technology

1997 Bachelor of Science in Meteorology. University of Hawaii, School of Ocean and Earth Sciences and Technology