



**General Membership Luncheon Meeting**  
**21 March 2024, 11:30 a.m. – 1:00 pm**  
**Mezzanine Room, Holiday Resort & Spa**

## AGENDA

<i>Lunch</i>		<i>Guam Post</i> April 18, 2024
<i>Pledge of Allegiance</i>		Guam Post Membership Meeting
<i>Welcome visiting/new members and guests!</i>		
<i>Opening Remarks</i>	<b>Chuck Hazzard III, PMP</b> SAME Guam Post, President	<i>National</i> March 25-27, 2024 Capital Week (Rockville, MD)
<i>Main Presentation</i>	<b>Upcoming Projects and Vision for the UOG School of Engineering</b>  Hiroshan Hettiarachchi, PhD, PE Dean for the School of Engineering (SENG) University of Guam	May 14-16, 2024 Joint Engineer Training Conference (JETC) & Expo (Kissimmee, FL)
	<b>Voting of Guam Post By-Laws, Constitution, and Budget</b> Facilitated by: Chuck Hazzard III, PMP	<i>Announcements</i>
		<i>Adjourn</i>



# UOG School of Engineering

## Updates and Vision for Growth



**Hiroshan Hettiarachchi, PhD, PE**  
*Dean, Professor of Civil Engineering*

**School of Engineering**  
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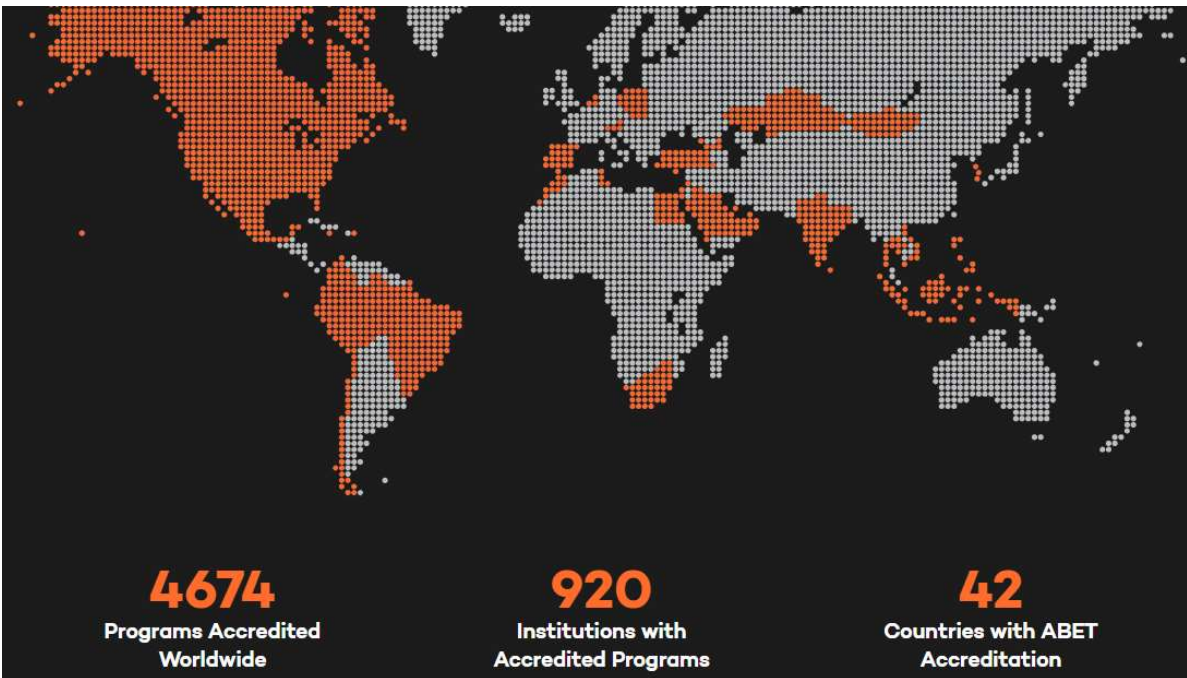
We have a new dean!



# Charter Day 2024

## Thank you SAME!

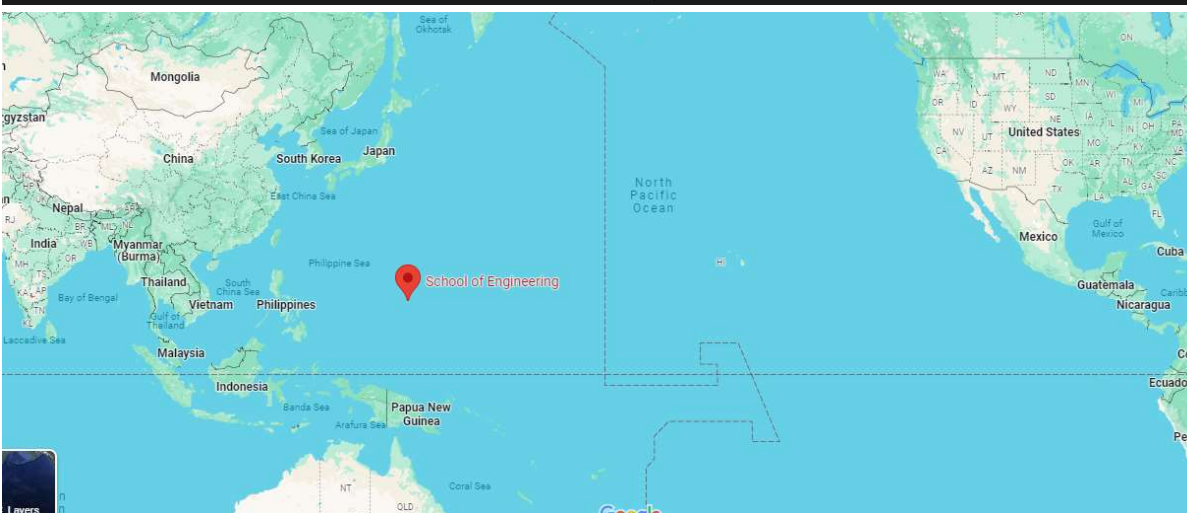




# ABET Accreditation:

## BS in Civil Engineering

- ABET Team visited us in Nov 2023.
- Concerns were addressed as of last week.
- Waiting to hear the good news by Aug 2024.



# New Engineering Building:

Expect to move in by mid-2025





## What is next?

- Construction Management
- Electrical Engineering
- Mechanical Engineering
- Architecture
- Urban Planning
- ??????



Now in the brainstorming stage....

- **Construction Management** BS
- **Electrical Engineering** or Electrical Engineering Technology BS
- **Mechanical Engineering** or Mechanical Engineering Technology BS



## BUREAU OF LABOR STATISTICS

### DEPARTMENT OF LABOR | Government of Guam

### Employment Projections 2022-2024

STFIPS	Area Name	Occupation Code	Occupation Name	Base Year	Base Employment	Projection Year	Projection	Change	Percent Change	Average Annual Openings
66 Guam		15-1211	Computer Systems Analysts (SOC 2018)	2022	70	2024	70	0	0	10
66 Guam		15-1231	Computer Network Support Specialists (SOC 2018)	2022	90	2024	90	0	0	10
66 Guam		15-1232	Computer User Support Specialists (SOC 2018)	2022	210	2024	220	10	4.8	20
66 Guam		15-1244	Network and Computer Systems Administrators (SOC 2018)	2022	70	2024	70	0	0	10
66 Guam		15-1299	Computer Occupations, All Other (SOC 2018)	2022	140	2024	150	10	7.1	20
66 Guam		17-2051	Civil Engineers	2022	310	2024	350	40	12.9	40
66 Guam		17-2071	Electrical Engineers	2022	60	2024	70	10	16.7	10
66 Guam		17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	2022	70	2024	90	20	28.6	10
66 Guam		17-2112	Industrial Engineers	2022	90	2024	110	20	22.2	20
66 Guam		17-2199	Engineers, All Other	2022	50	2024	60	10	20	10
66 Guam		17-3011	Architectural and Civil Drafters	2022	100	2024	100	0	0	10
66 Guam		17-3023	Electrical and Electronics Engineering Technicians	2022	130	2024	150	20	15.4	30
66 Guam		17-3098	Calibration and Engineering Technologists and Technicians, Except Drafters, All Other	2022	100	2024	110	10	10	10
66 Guam		19-5011	Occupational Health and Safety Specialists (SOC 2018)	2022	80	2024	90	10	12.5	10
66 Guam		19-5012	Occupational Health and Safety Technicians (SOC 2018)	2022	60	2024	70	10	16.7	10



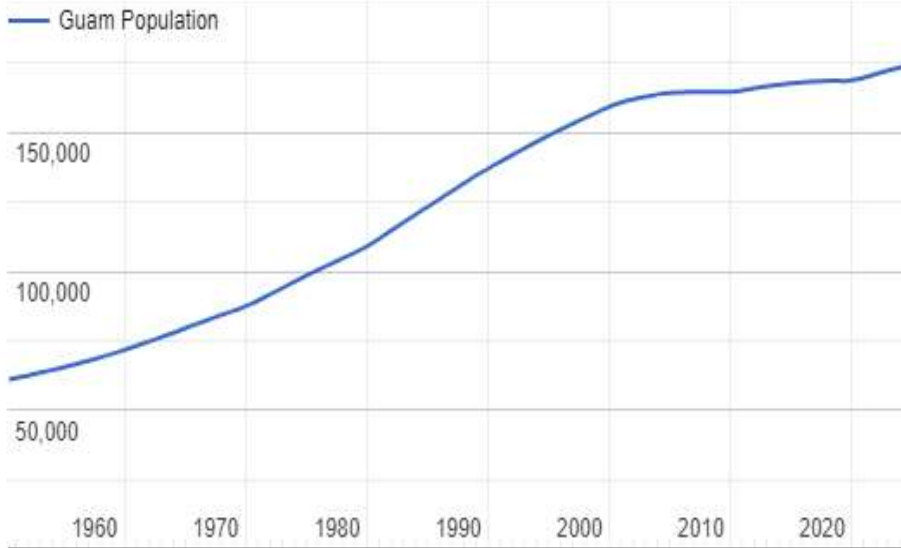
## Economic Outlook for Guam Fiscal Year 2025

### Economic Outlook

workers increased from 1,527 in December 2020 to 5,065 in December 2023. As a measure of construction activity, Gross receipt taxes paid for construction increased from \$48.2 million in FY 2020 to \$70.7 million for FY 2023, an increase of 47% in three years.

Construction is expected to increase substantially from FY 2023 in FY 2024 and FY 2025. The recent acceleration of construction activity was substantial in FY 2023. Construction activity has increased dramatically through FY 2023 as measured by employment, H2 workers, and gross receipts. Construction employment increased from 7,860 in September 2020 to 12,080 in September 2023. H2 workers increased from 1,527 in December 2020 to 5,065 in December 2023. As a measure of construction activity, Gross receipt taxes paid for construction increased from \$48.2 million in FY 2020 to \$70.7 million for FY 2023, an increase of 47% in three years.

Guam Population (1950 - 2024)



Yearly Population Growth Rate (%)



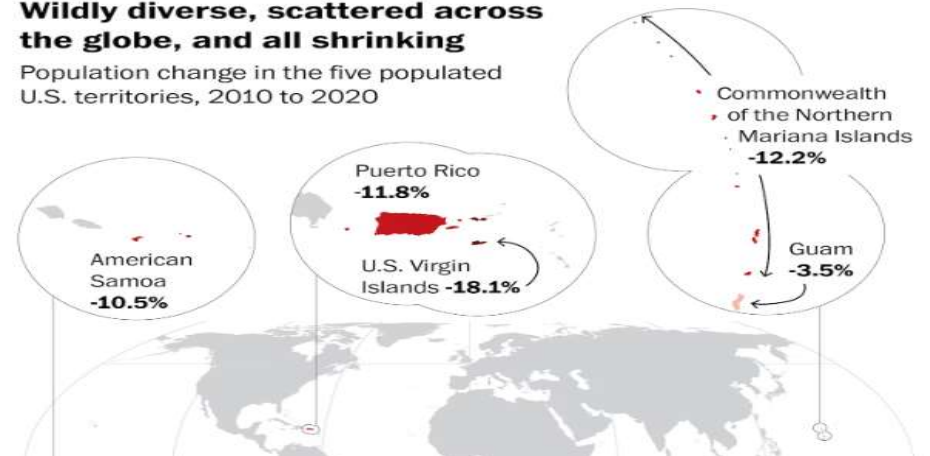
## Known Challenges

- Shrinking population growth
- Retention of faculty/experts
- Revenue issues

**The Washington Post**  
*Democracy Dies in Darkness*

### Wildly diverse, scattered across the globe, and all shrinking

Population change in the five populated U.S. territories, 2010 to 2020



# Potential Solutions

- Revenue issues:
  - increase international student enrollment beyond Micronesia
  - Engineering services and short-term training
- Research and graduate programs (i.e., knowledge production)
- Promising economic outlook may slow down brain drain, but it doesn't give any immediate solutions to population issues

**We need your help..... and we open for your suggestions**

# Thank you!



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