

## WORLD HYDROGRAPHY DAY CELEBRATION IN SINGAPORE

Happy World Hydrography Day 2024! This year's theme, "Hydrographic Information – Enhancing Safety, Efficiency and Sustainability in Marine Activities," spotlights the essential work of hydrographers in ensuring safe navigation, mapping the seas, and promoting sustainable marine practices.

We profiled Liling, a hydrographer at MPA, whose role involves co-managing GeoSpace-Sea (GS-S) - a consolidated marine and coastal database under the Singapore's National Marine Spatial Data Infrastructure (MSDI). She ensures the portal's functionality and security, collaborates with agencies to standardise datasets which support climate resilience and flood monitoring.

Her journey includes being sent on a 5-month Hydrographic Survey course in Korea, where she learnt the vital process of data management: from data collection, processing, quality assurance, to charting. This allows Liling to geospatialise hydrographic data and share them with users beyond navigational purposes - such as to enhance maritime safety and ensure effective sea space planning and climate resilience.

Discover the maritime career for you here: <https://lnkd.in/g6ZBK8ap>

# Hydrography

## Deep Dive with Liling

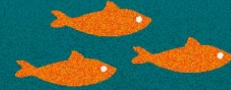


## Key responsibilities:

- Collect and process marine and coastal data.
- Co-manage and maintain GeoSpace-Sea - a collective, geospatial information portal.
- Liaise with partner agencies to curate and standardise datasets.



# What's GeoSpace-Sea (GS-S)?



- A collaborative initiative by MPA and its partner agencies to consolidate high-quality marine datasets.
- Supports flood monitoring, coastal protection planning and active anchorage planning for marine conservation and disaster response.



## Mantra to live by:



Follow your passion. Delve into the domains of navigational safety, research, and environmental protection as a hydrographer!





# Skills checklist?

- Geographic Information Systems
- Hydrography
- Maritime engineering

You can pick up these skills through on-the-job training!

