



**Denis Hains,** President & CEO H2i

President of the Board of Directors CIDCO



**CIDCO**

Hydrospatial Movement Club & Community, Co-Lead



# Hydrospatial Data, Information & Knowledge!



**HYDRO22 Conference**  
**December 6<sup>th</sup>, 2022 at 09:40 CET**  
**MONACO**

# HYDROSPATIAL

- The term Hydrosatial was first introduced in the UK in early 2000s.
- Canadian Hydrographic Conference 2020 - Replace Marine Geospatial or Marine Spatial.
- Never as a replacement for Hydrography.
- Original suggested draft definition modified version of of Hydrography.







# GEO HYDRO

GRAPHY!  
SPATIAL...



# WHAT HYDROSPATIAL IS NOT !

- IT IS NOT A REPLACEMENT OF THE TERM HYDROGRAPHY
- IT IS NOT A RE-DEFINITION OF HYDROGRAPHY
- IT IS NOT IMPOSED TO THE HYDROGRAPHIC COMMUNITY
- IT IS NOT JUST ANOTHER FANCY WORD NOR A SLOGAN
- IT IS NOT A NOUN



In simple words Hydrospatial...



*...is an adjective,  
it is “about all the  
Blue of our Blue  
Planet... & its  
contiguous zones  
(Coastal, Flooding areas, Water  
Column, Bottom, Sub Bottom,  
Surface & Atmosphere)” ...*

*... It's synonymous  
to the Blue  
Geospatial+  
contributing to  
the Sustainable  
Blue Economy...*

# HYDROSPATIAL

## Since February 2020:

- Spring 2020 - Creation of the Hydrospatial Movement Club & Community (HMCC)
- Written Publications
- Virtual & in person presentations all around the world since Feb.2020:





# HYDROSPATIAL

## Most recent suggested definition

*(December 2022)*

The Hydrosatial Movement Club involved a terminologist.

### **hydrospatial**

*adjective*

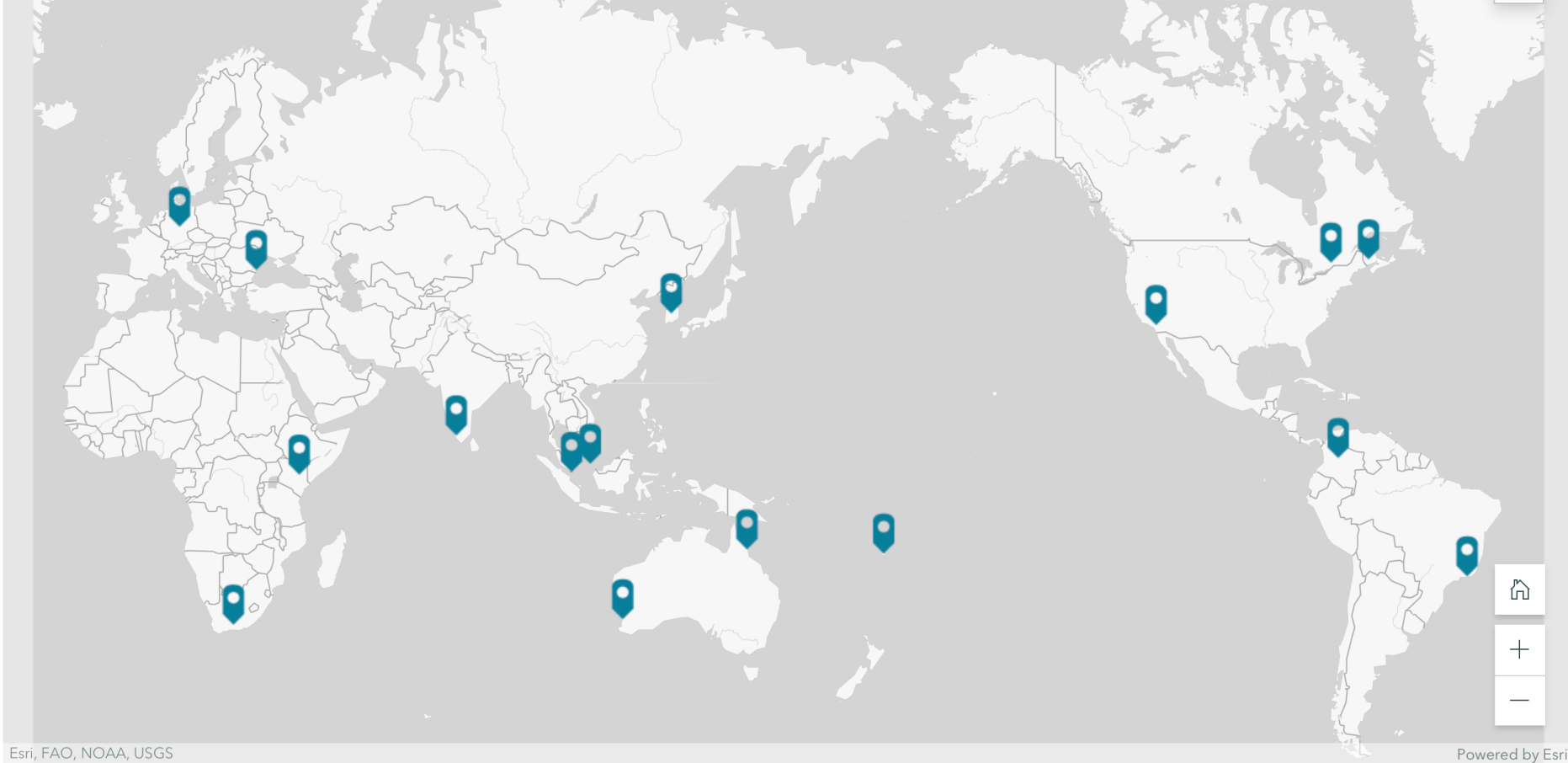
Relating to hydrosatial sciences or denoting data, information and knowledge that is associated with a particular location and time of the earth's waters and their contiguous zones.

### **hydrospatial sciences**

*plural-only noun (plurale tantum)*

All sciences dealing with the study of the earth's waters and their contiguous zones.





Get to know the HMCC members by clicking each marker in the map.

Join the community at:  
[www.linkedin.com/groups/12556091/](http://www.linkedin.com/groups/12556091/)

+ Visit the Story Map at: <https://arcg.is/19fiab>





Denis Hains, Ottawa-Canada



Shereen Sharma, Perth-Australia



Rafael Ponce, Redlands-USA



Karen Cove, Fredericton-Canada



John Maschke, Cairns-Australia



Litia Gaunavou, Fiji



Hayley Cawthra, Cape Town, South Africa



Victoria Obura, Nairobi-Kenya



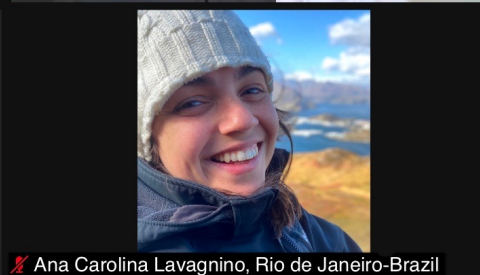
Mihailov Emanuela, Constanta-Romania



Michael Bergmann, Grosskrotzenburg-Germany



Paola Echeverry, Bogota-Colombia



Ana Carolina Lavagnino, Rio de Janeiro-Brazil



Parry Oei, Singapore



Pearlyn Pang, Singapore



Seong-Pil Kim, Daejeon, South Korea



Geetha Plackal, Kochi-India

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# HYDROSPATIAL MOVEMENT OBJECTIVES:

- 1- STIMULATE AWARENESS
- 2- CATALYZE ALLIANCES
- 3- INSTIGATE COLLABORATIONS





*TOO BIG OF A  
CHALLENGE...*

*...but...*

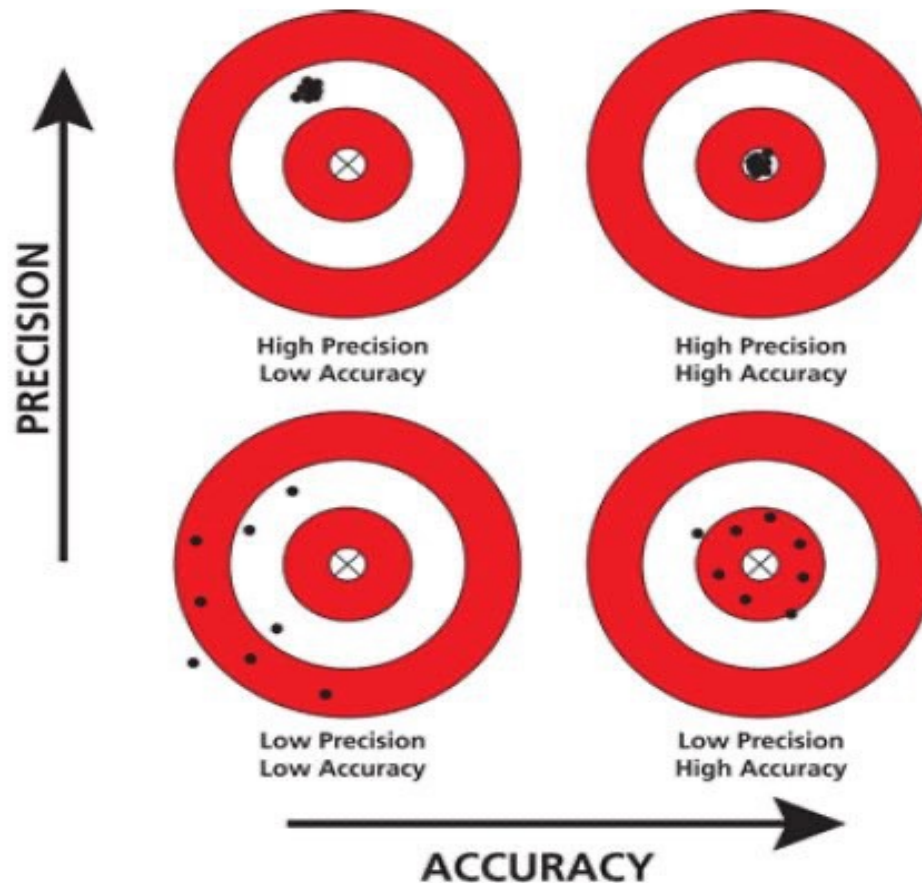
***TOO BIG TO LET  
GO!!***

***...WE MUST  
MEASURE... TO  
KNOW &  
UNDERSTAND!!!***



# HYDROSPATIAL

**Data, Information & Knowledge**  
**Quality/Uncertainty is Paramount!**



# HYDROSPATIAL

DATA



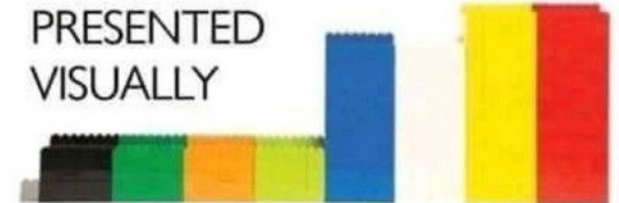
SORTED



ARRANGED



PRESENTED  
VISUALLY



EXPLAINED  
WITH A STORY





X,Y,Z & T  
HYDROSPATIAL

DATA

INFORMATION  
& KNOWLEDGE

STANDARDS

Findable  
Accessible  
Interoperable  
Reusable



**In conclusion, contribute to a  
«Global Blue Synergy» ...**



**...at: [www.linkedin.com/groups/12556091/](http://www.linkedin.com/groups/12556091/)**

# Thank you!

# Merci!



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**MONACO**