



FIG WORKING WEEK 2023

28 May - 1 June 2023 Orlando Florida USA

Protecting
Our World,
Conquering
New Frontiers

TS02E BLUE SURVEYING - CLGE SEVILLE DECLARATION - THE PLANET IS
THIRSTY FOR CONCRETE ACTIONS [10541] Monday, 29 May at 14:30–16:00 in Orange
Room, Hilton/Waldorf

Hydrospatial, the Blue Geospatial+!

(12212)

*“It is all about the Blue of our Blue Planet and its
contiguous zones”...*

Authors:

Denis Hains (Canada), Rafael Ponce (USA),
Karen Cove (Canada), Maria Emanuela Mihailov (Romania),
Victoria Obura (Kenya) and the Hydrospatial Movement Club+
[[abstract](#)] [[paper](#)]



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Monday, 29 May 2023

Hydrospatial, the Blue Geospatial+! (12212)



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Hydrospatial, the Blue Geospatial+! (12212)

FIG WW 2023,
May 29, 2023 - Orlando, Florida USA

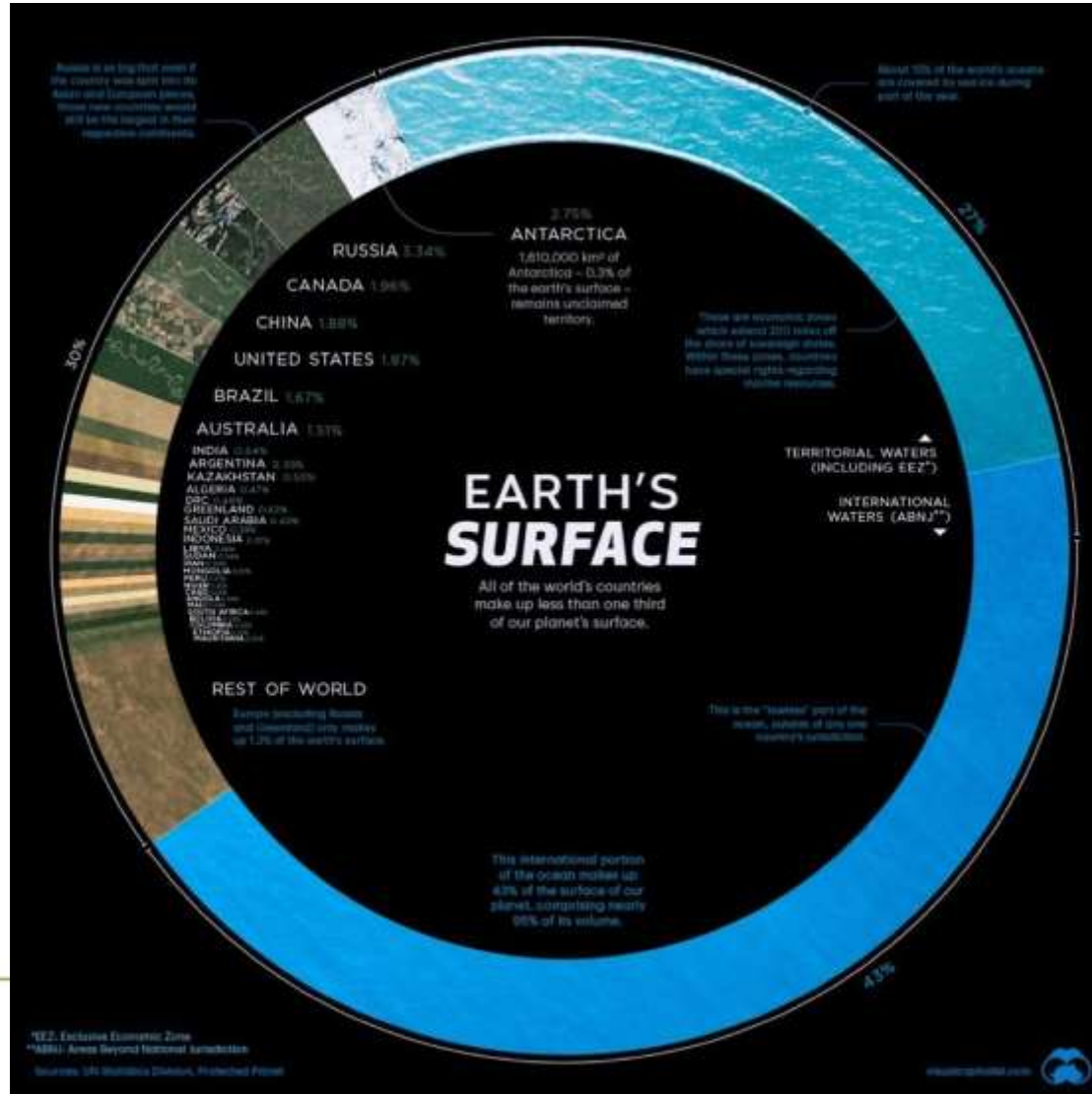
Denis Hains (Canada), *Rafael Ponce* (USA),
Karen Cove (Canada), *Maria Emanuela Mihailov* (Romania) and *Victoria Obura* (Kenya) +
[\[abstract\]](#) [\[paper\]](#)



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DRY

SURVEYING
Land-based

HUMID

SURVEYING
Coastal & Flooding areas-based

WET

SURVEYING
Water & submerged areas-based

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GEO
HYDRO **SPATIAL?**
GRAPHY!



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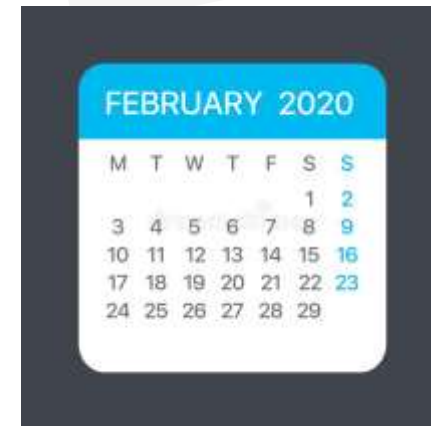
INTERNATIONAL FEDERATION
OF SURVEYORS

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HYDROSPATIAL

- The term Hydrospatial was first introduced in the UK in early 2000s.
- At the Canadian Hydrographic Conference 2020 – To replace Marine Geospatial or Marine Spatial.
- **NEVER** to replace Hydrography.



HYDROSPATIAL

Since February 2020:

- Spring 2020 - Creation of the Hydrospatial Movement Club & Community (HMCC) –MORE THAN 5,475 global members on a **LinkedIn** group and growing...
- Many written Publications
- Virtual & in person presentations all around the world since Feb.2020





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

HYDROSPATIAL

Final definition (December 2022)

The Hydrospatial Movement Club involved a terminologist.

Hydrospatial *(adjective)*

Relating to hydrospatial 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.

March **2023**

MON	TUE	WED	THU	FRI	SAT	SUN
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

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...

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



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

16 members of the Global Hydrospatial Movement Club...

❖ ***MORE THAN 5,475 global members on a LinkedIn group and growing...***

☐ **Join at:**

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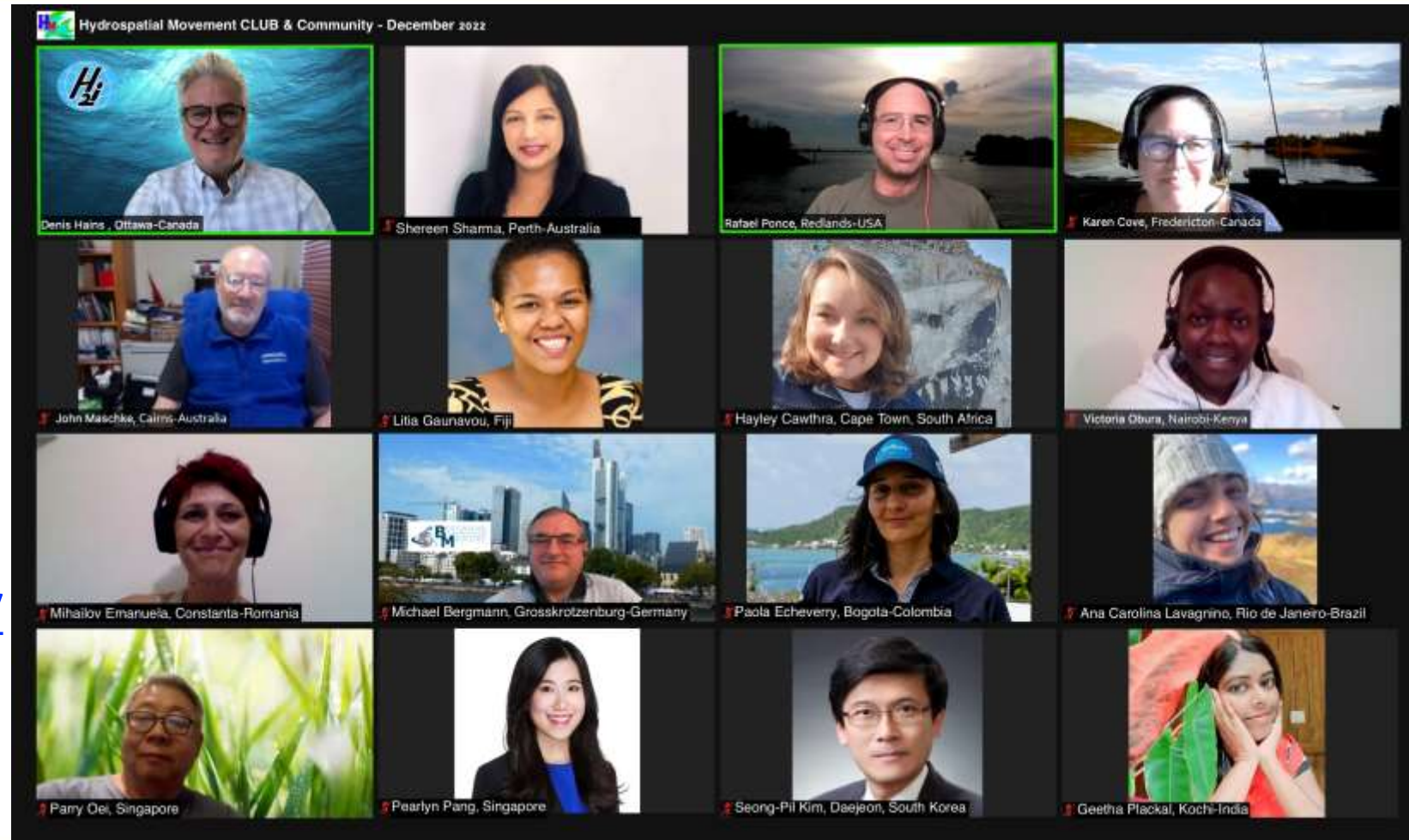
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**16 members of the Global
Hydrospatial Movement
Club...**

**...+ more than 5,475 global
members and growing... at:**

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HYDROSPATIAL MOVEMENT OBJECTIVES:

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



Source: Google Images "Surf Wave iPhone Wallpaper HD"

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*THE BLUE IS TOO
BIG TO
ADDRESS...*

...but...

*TOO BIG TO LET
GO!!*

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

Source image: Google dhains@h2i.ca Join the community at: www.linkedin.com/groups/12556091/
+ Visit the Story Map at: <https://arcg.is/19fiab>

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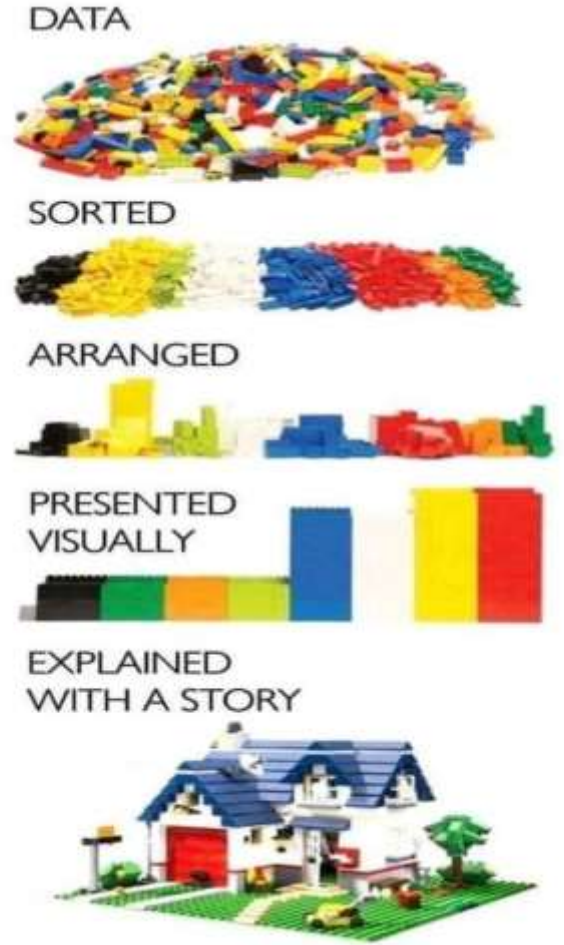
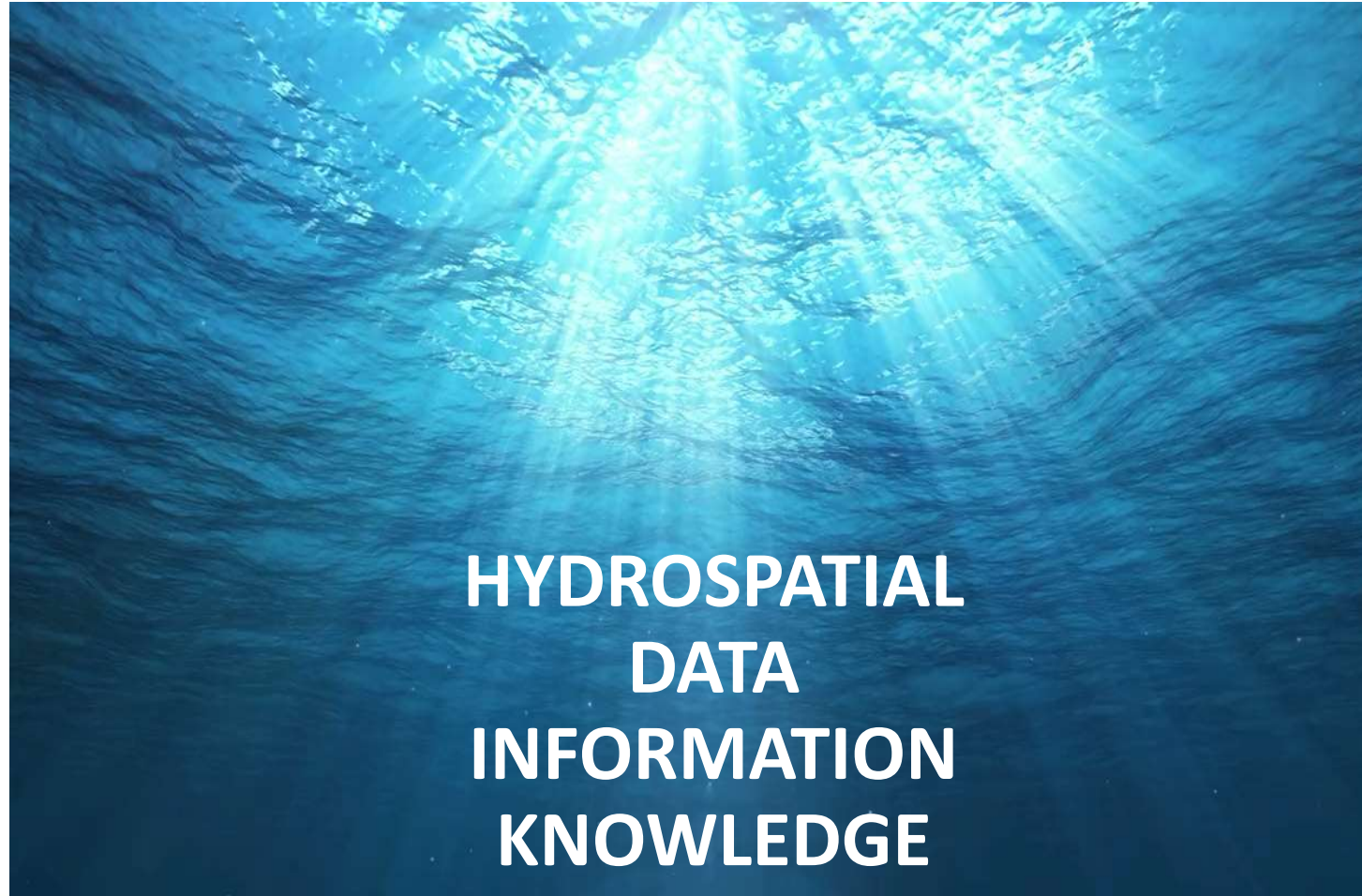
X,Y,Z,T,+...
HYDROSPATIAL
DATA
INFRASTRUCTURE
(HDI=MSDI)

Governance
Technology
Data
STANDARDS
Findable
Accessible
Interoperable
Reusable

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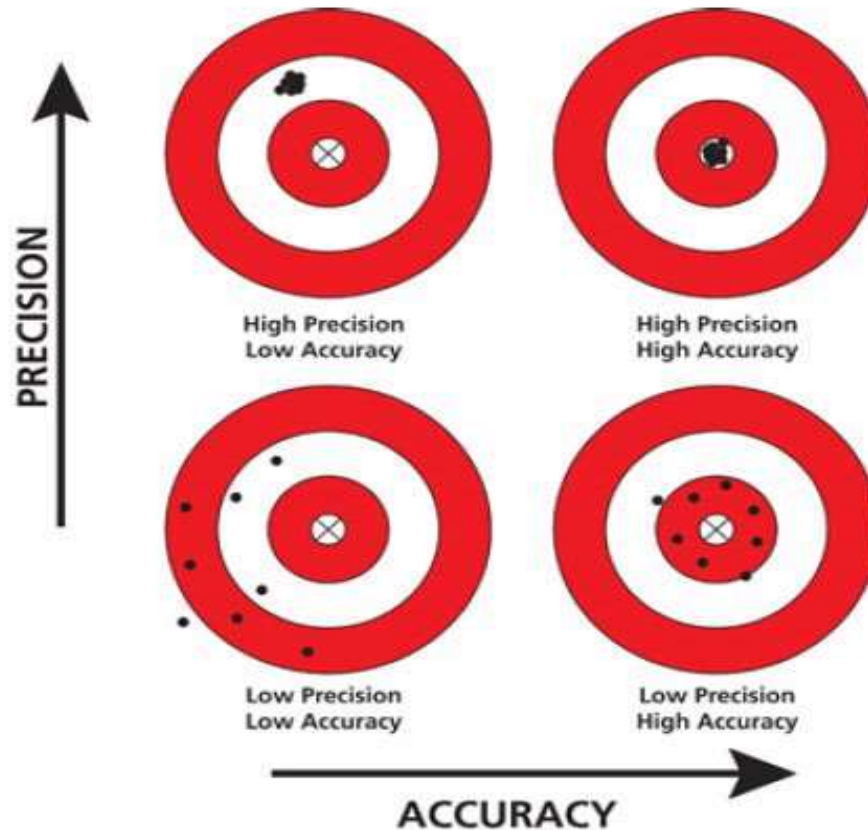
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HYDROSPATIAL

METADATA about Quality/Uncertainty of Data, Information & Knowledge is Paramount!



**In conclusion, join a
«Global Blue SYNERGY!»**



at:

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Thank you! Merci!



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