



# XXVI FIG Congress 2018

6-11 May 2018

ISTANBUL

## Commission 4

# Hydrography Presentation

EMBRACING OUR SMART WORLD WHERE THE CONTINENTS CONNECT:  
ENHANCING THE GEOSPATIAL MATURITY OF SOCIETIES

ORGANISED BY



MAIN SUPPORTERS



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## Meet Commission 4 Officers 2015-2018



- **Chair:** Angela Etuonovbe (Nigeria)
- **Administration and Communications:** Gordon Johnston, MRICS (UK)
- **Working Group 4.1 – Standards and Guidelines for Hydrography:** Peter Barr (Australia)
- **Working Group 4.2 – Maritime and Marine Spatial Information Management:** Dr. Jonathan Li (Canada)
- **Working Group 4.3 – Blue Economy:** Gordon Johnston, MRICS (UK)

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## COMMISSION 4 WORK PLAN 2015-2018

Assist in the development and recognition of standards of competency

Assist in the development of technical standards and guidelines

Assist in the development and promotion of marine and coastal spatial information management

Promoting the Blue Economy

Development and promoting the need to manage our oceans and sea in a sustainable Manna

- The work plan for Commission 4 was 88% achieved.
- FIG has a huge opportunity to play a crucial and influential role in developing and empowering areas, countries and regions to develop a sustainable food supply living in harmony with other stakeholders and user communities whilst maintaining and even preserving our natural world.

## FIG People

### Cross FIG Working

- Commission 4 members are able to apply to the FIG Foundation for contributions to a sustainable future for the seas and oceans. This is done through
  - Granting of scholarships to develop curricula for surveying education, training and capacity development
  - Encourage research into disciplines of surveying and geospatial data management
  - Promote learning, knowledge management and continuing professional development in support of the disciplines of surveying and support and promote young professionals and events in cooperation with other international agencies and organizations.

## Specific people doing great things?

- The Surveying and Spatial Sciences Institute (SSSI) in Australia
- The New Zealand Institute of Surveyors (NZIS)
- Royal Institution of Chartered Surveyors (RICS)
- Nigerian Institution of Surveyors (NIS)
- Surveyors Council of Nigeria (SURCON)

## Commission activities.

Commission 4 AGM (Tuesday 8<sup>th</sup> May 2018, @ 17:30 – 18:30 ;  
BAYLERBEYI, HALL 2 )

Commissions Sessions (Monday 7<sup>th</sup> May 14:00 -17:30 and Tuesday 8<sup>th</sup>  
May 2018, @ 17:30 – 18:30 ; BAYLERBEYI, HALL 2 )

Commissions Dinner Tuesday 8<sup>th</sup> May 2018, @ 19:00 (Venue to be  
announced)

## Outreach- 2015/18

- Commission 4 has been very active and working with the International Hydrographic Organization (IHO) and IBSC.
- The Commission is now represented on the Hydrographic Services and Standards Committee (HSSC) Working Groups and will be involved for the review of
  - S-44 (IHO Standards for Hydrographic Surveying)
  - S-100 (Universal Hydrographic Data Model)
  - S-8A&B Standards of Competence for Nautical Cartographers.
- The Commission has reviewed the first draft of S-5A Standards of Competence for Category 'A' Hydrographic Surveyors, and is now recognised by International Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers (IBSC) as an Expert Contributor.
- Commission 4 now contributes to the hydrographic component of the Royal Institution of Chartered Surveyors (RICS) International Property Measurement Standards (IPMS). FIG remains a key member of IPMS Coalition.

## Special message

- Knowledge of the hydrographic surveys standards is very important not only for the hydrographic community, but also for private/public contracting bodies.
- The oceans and seas are the majority of the earth's surface and as such require to be properly managed in a responsible and sustainable manner.
- FIG Commission 4 will contribute and support initiatives to develop capacity in relation to surveying and monitoring of the oceans for the benefits of all.
- FIG Commission 4 shall continue to review and maintain International Standards for the Competency of Hydrographic Surveyors and Nautical Cartographers.