



AND **Locate25** | **G**
THE NATIONAL GEOSPATIAL CONFERENCE

Presented at the FIG Working Week 2025,
6-10 April 2025 in Brisbane, Australia
FIG **Geospatial**
Council of Australia
Brisbane, Australia 6-10 April

Collaboration, Innovation and Resilience: Championing a Digital Generation

Geomatics Education in the World:

A Web Map Viewer for Comprehensive Understanding

Prof. Angel Collado

Spain 

FIG YSN Educational Affairs Representative

Spanish FIG Delegate (COIGT)

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Co-Authors:

Janaka S. & Sanchitha W.

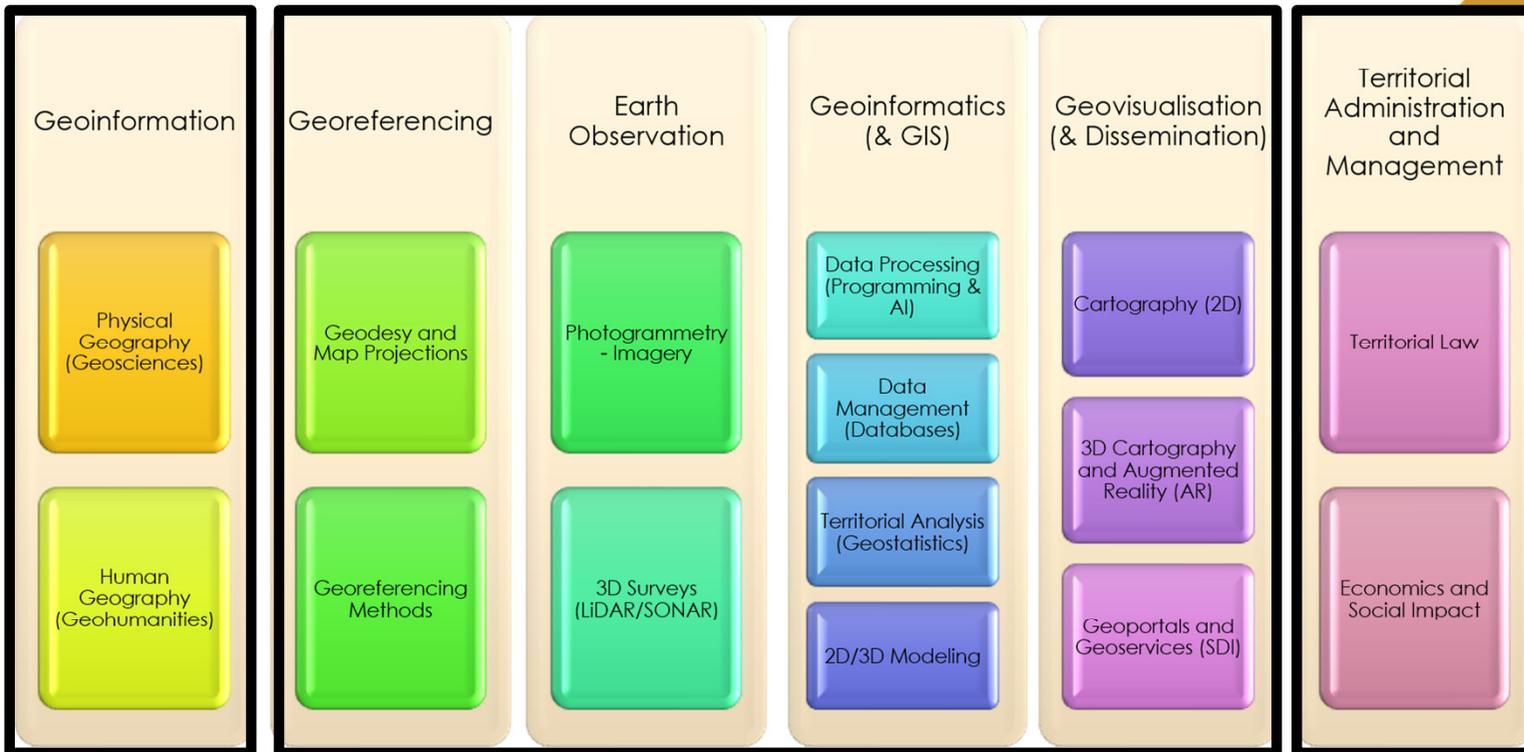
Sri Lanka 



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WHAT IS GEOMATICS? – EDUCATION



THIS IS GEOMATICS ENGINEERING

(FOR ME....)

- BACHELOR'S DEGREE -

GEOSPATIAL (GEOGRAPHICAL) SCIENCE

+

TECHNIQUES / TECHNOLOGY

+

TERRITORIAL ADMINISTRATION / MANAGEMENT / GOVERNANCE

(OUR WORLD)



WORKING WEEK 2025

AND

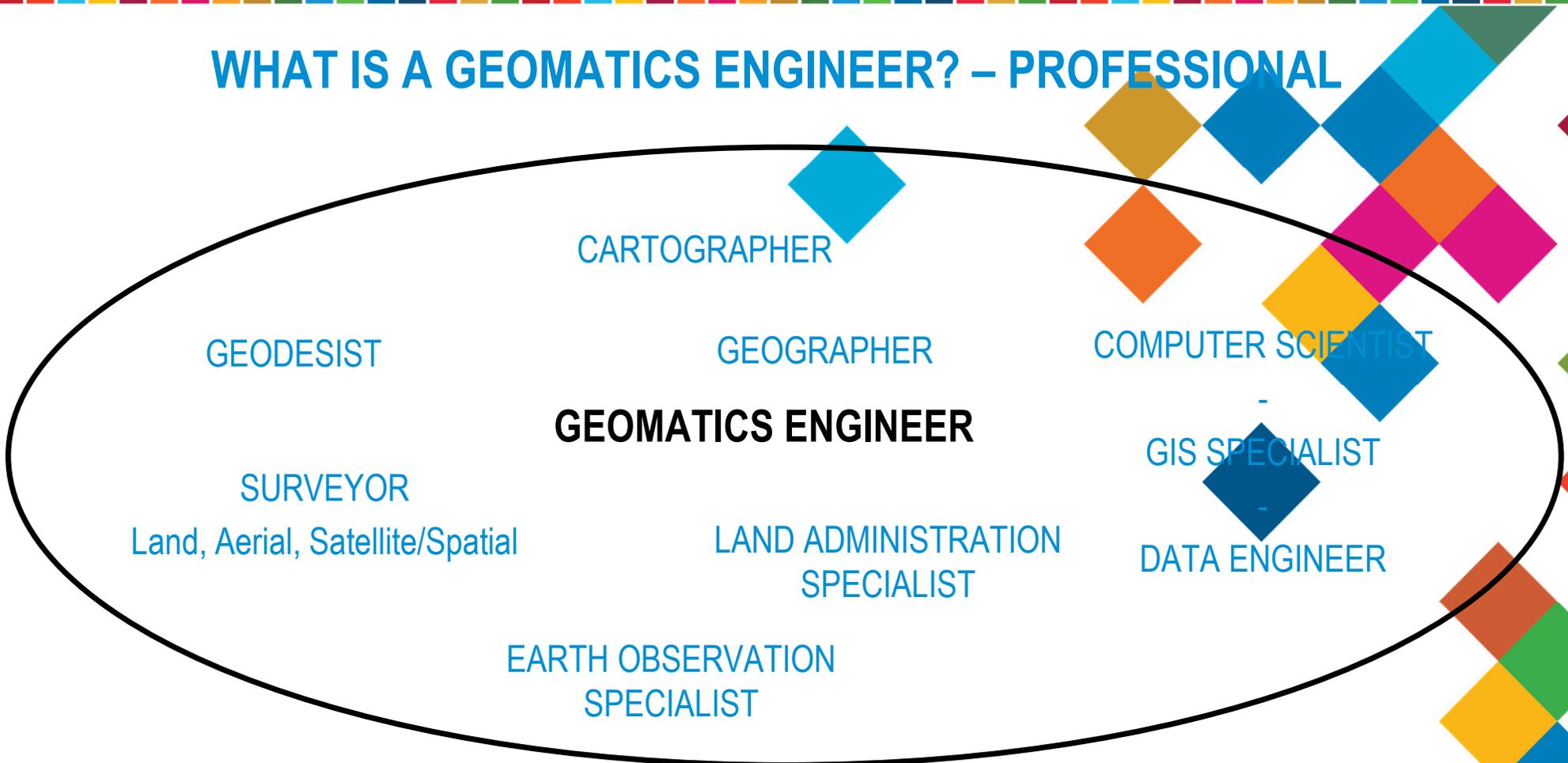
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Brisbane, Australia 6–10 April

WHAT IS A GEOMATICS ENGINEER? – PROFESSIONAL



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WORKING WEEK 2025

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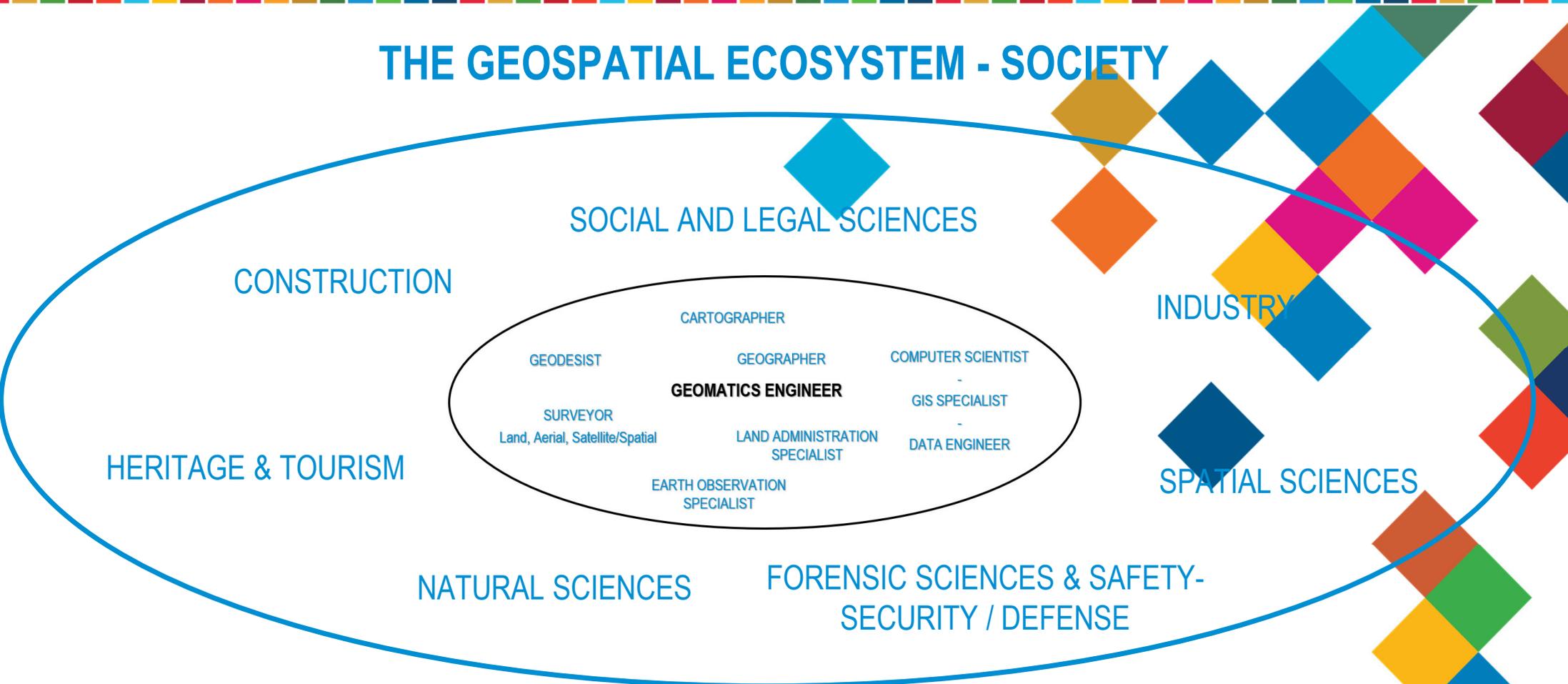
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Geospatial Council of Australia

Brisbane, Australia 6-10 April

THE GEOSPATIAL ECOSYSTEM - SOCIETY



INITIAL INVENTORY PROJECT



Unexpected results
Few responses
Inadequate methodology



WORLDWIDE INVENTORY OF SURVEYING STUDIES

METODOLOGY
GLOBAL ONLINE SURVEY

- Basic information about the university and contact details
- Questions about the Bachelor's Degree and its curriculum
- Question about the professional requirements in your country
- Personal opinions about the current and future situation of our discipline
- Personal opinions about the meaning and relationship of different disciplines related to our profession.

BY A GLOBAL ONLINE SURVEY

Global Survey of Academic Education on Land Surveying (12318)
Rosario Casanova (Uruguay) and Angel Collado (Spain)

FIG Commission 7 & 2 Annual Meeting 2023
Digital Transformation for Responsible Land Administration
Deventer, the Netherlands, 2–4 October 2023

Academic Education in Land Surveying Around the World (12538)
Rosario Casanova (Uruguay), Dimo Todorovski (Netherlands) and Angel Collado (Spain)

FIG Working Week 2024
Your World, Our World: Resilient Environment and Sustainable Resource Management for all
Accra, Ghana, 19–24 May 2024

A WORLDWIDE WEB MAP VIEWER OF GEOMATICS STUDIES

MAPPING GEOMATICS EDUCATION AROUND THE WORLD

This is an innovative project that features an interactive web map viewer designed to explore and analyze geomatics education on a global scale. This resource allows users to identify and locate educational institutions in any country that offer programs in geomatics engineering, geodesy, surveying, geoinformatics and GIS, land administration, and related disciplines in the geospatial context.

Look at the colour legend to understand what **Geomatics Engineering** is called in different countries and universities. The web map viewer incorporates advanced filtering and search tools that allow you to customize the exploration of information based on your specific interests. Also, consult statistics at the global, regional or country level.

If you want to report an error in the data, update them or simply if your university is not listed, please send an email by clicking [here](#).

This is a FIG project led by Prof. Collado, the Spanish FIG Representative (COIGT). The web viewer has been developed by Chathuranga (Global GIS). The collaboration of Rosario Casanova and Dimo Todorovski (FIG Commission 2) and Sanchita Lakshan (Global GIS) is gratefully acknowledged.

Prof. Angel COLLADO (Spain)
FIG YSN Educational Affairs Representative
[LinkedIn](#) | [Email](#)

Legend

Group Name	Color
Cartographic Engineering	Grey
Geographical - Geospatial Engineering	Green
Geoinformatics	Yellow
Geomatics Engineering	Red
Land Surveying - Surveying	Purple
Geodesy	Blue
Land Administration - Cadastral Engineering	Orange

Manual search on the Internet
≈ 700 universities worldwide



SCAN ME

* Recommended for viewing on a computer or tablet

Mapping Geomatics Education Around the World (12872)
Angel Collado (Spain)

FIG Commission 5 & 7 Annual Meeting 2024
Geospatial Innovation for Sustainable Rural and Urban Development
Kuching, Sarawak, Malaysia , 24–26 September 2024

A Global Perspective on Geomatics Education for Territorial Governance (12884)
Angel Collado (Spain)

FIG Regional Conference 2024 - Nepal
Climate Responsive Land Governance and Disaster Resilience: Safeguarding Land Rights
Kathmandu, Nepal, 14–16 November 2024

WHO AM I?

PhD Candidate in Geomatics Engineering
(Land Administration)

Teaching and research staff of Geomatics
Engineering [Youngest Geomatics
Professor in Spain]

(Sociological Geomatics &
Academic/Historical Geomatics)



SCAN ME

PROF. ANGEL COLLADO

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Awards



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WHO AM I?



PROF. ANGEL COLLADO

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FIG YSN Educational Affairs Officer
(FIG Commission 2)

Social Media Officer of FIG Commission 7
(Land Administration)



Spanish Young Representative in APPAT



Spanish FIG Representative (Comm. 2 & 7)
Communication and Institutional Relations Officer at COIGT Castilla-La Mancha



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