



Collaboration, Innovation and Resilience: Championing a Digital Generation

Brisbane, Australia 6-10 April

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.

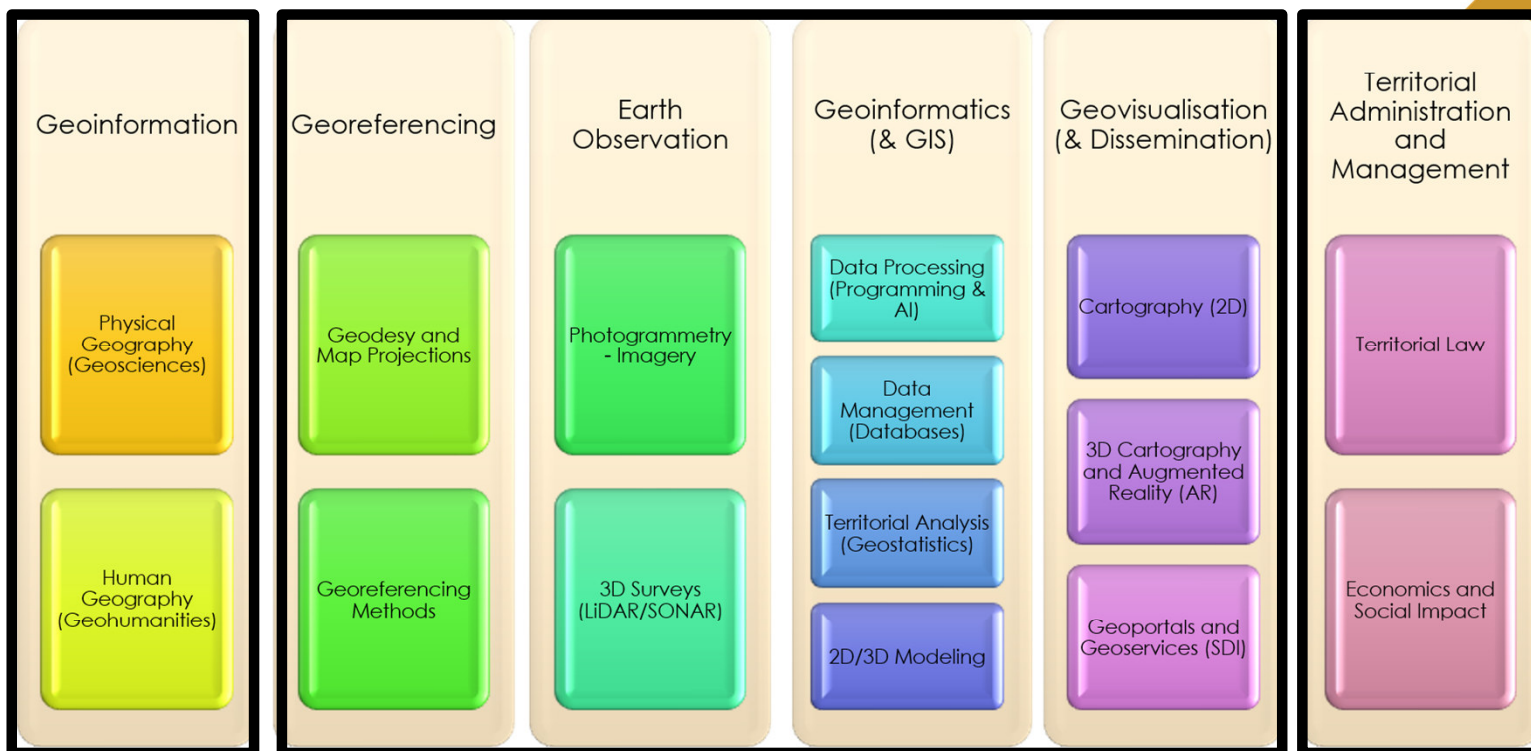
Sri Lanka 



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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

Locate25 | **G**
THE NATIONAL GEOSPATIAL CONFERENCE

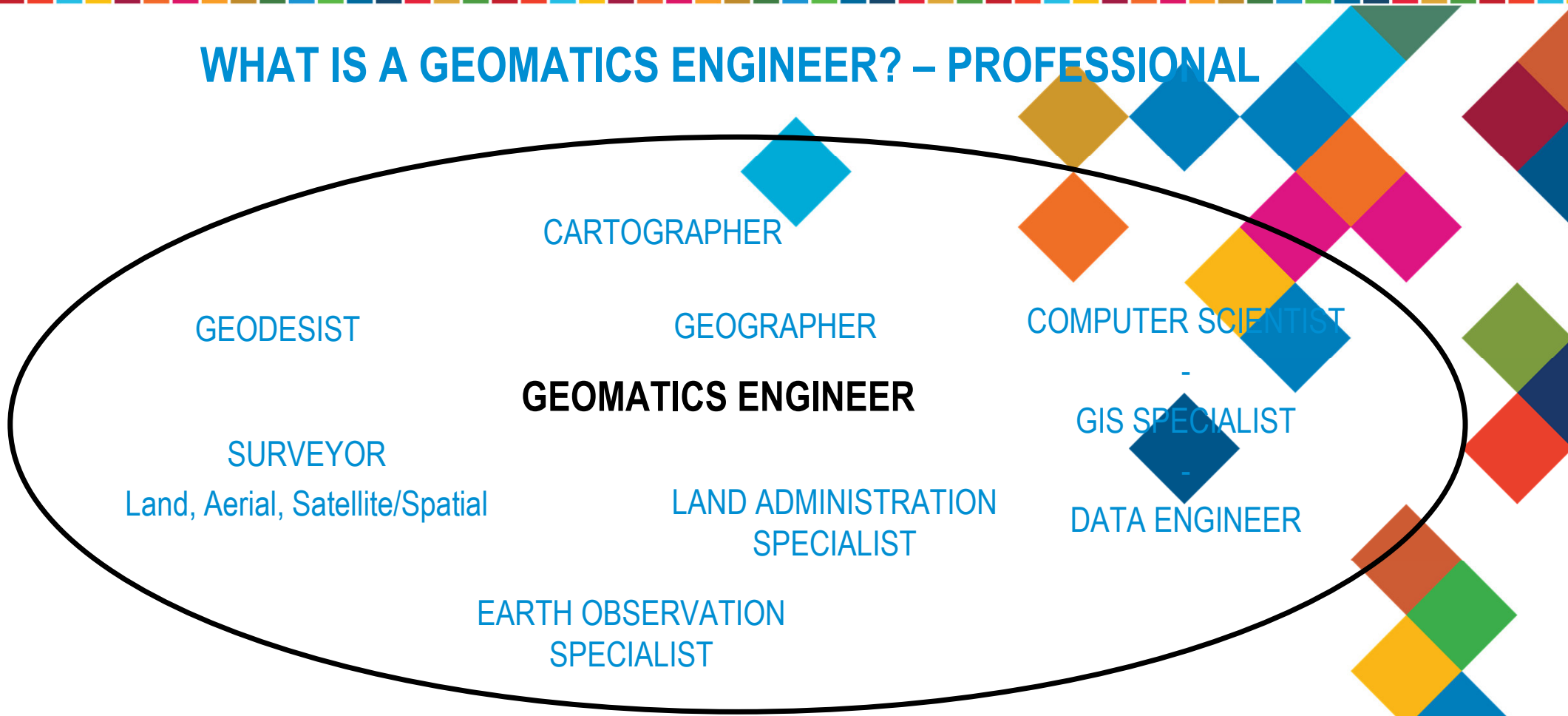
Collaboration, Innovation and Resilience:
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WHAT IS A GEOMATICS ENGINEER? – PROFESSIONAL



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THE GEOSPATIAL ECOSYSTEM - SOCIETY

SOCIAL AND LEGAL SCIENCES

CONSTRUCTION

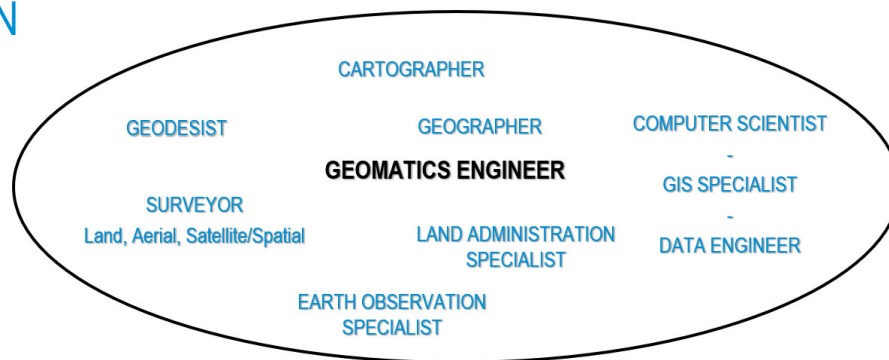
INDUSTRY

SPATIAL SCIENCES

HERITAGE & TOURISM

NATURAL SCIENCES

FORENSIC SCIENCES & SAFETY-
SECURITY / DEFENSE



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INITIAL INVENTORY PROJECT



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

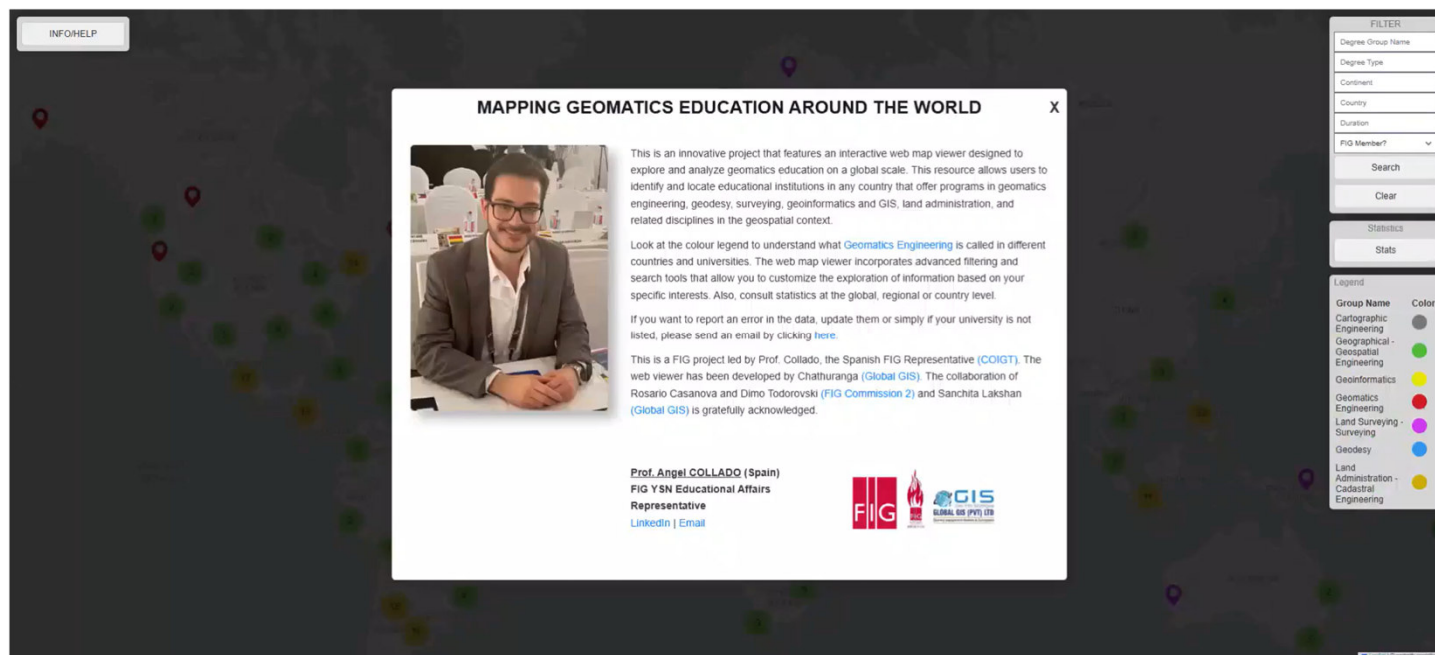
Global Survey of Academic Education on Land Surveying (12318)
Rosario Casanova (Uruguay) and Angel Collado (Spain)

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



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

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UNIVERSITAT
POLITÈCNICA
DE VALÈNCIA



Universidad de
Castilla-La Mancha

Awards



UNIVERSITAT
POLITÈCNICA
DE VALÈNCIA



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ONCE



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Y AGENDA 2030

SECRETARÍA DE ESTADO
DE DERECHOS SOCIALES

DIRECCIÓN GENERAL
DE POLÍTICAS DE DISCAPACIDAD



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Geosystems



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WHO AM I?

FIG YSN Educational Affairs Officer
(*FIG Commission 2*)

Social Media Officer of FIG Commission 7
(*Land Administration*)



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PROF. ANGEL COLLADO

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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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