

Jkn2Americas Geodesy Capacity Development Workshop Modernizing your Country Geospatial Reference System

3 to 7 November 2025 | Santiago, Chile

**United Nations Global Geodetic Centre of Excellence
Statistics Division, Department of Economic and Social Affairs**

Provisional Detailed Agenda

Monday, 3 Nov	Location: Enrique Iglesias Auditorium, Level 1, Main Building, ECLAC
8:30 – 9:00 am	Arrival and entry to the building
9:00 – 10:00 am	Welcome and overview - Mr Nicholas Brown (Head of Office UN-GGCE) - Coronel Pedro Castillo Figueroa (Director of IGM Chile) - Mr Rolando Ocampo (Director, the Director of ECLAC Statistics Division) - Ms Sofia Nilo, President of UN-GGIM: Américas Welcome from Ambassador Peter Thomson (video) Workshop agenda - Mr Nicholas Brown (Head of Office UN-GGCE) Introduction to logistics - Ms Walaa Allahham (UN-GGCE) Group photo and ice-breaking exercise - Mr Nicholas Brown (Head of Office UN-GGCE)
10:00 – 10:30 am	Morning Break
10:30 – 11:00 am	1.2.1 SIRGAS Mr Gustavo Caubarrère (Uruguay)
11:00 – 11:30 am	1.2.2 The Importance of a Geospatial Reference System <i>Including an introduction to “The Roadmap: Guidance on how to build a country’s Geospatial Reference System”</i> Mr Nicholas Brown (Head of Office UN-GGCE)
11:30 am – 12:00 pm	1.2.3 Update on actions of the UN-GGCE Mr Nicholas Brown (Head of Office UN-GGCE)
12:00 – 2:00 pm	Lunch
2:00– 2:30 pm	1.3.1 Introduction to Geodetic Reference System infrastructure Mr Nicholas Brown (Head of Office UN-GGCE)
2:30 – 3:00 pm	1.3.2 An Introduction to aligning national geodetic datums with the International Terrestrial Reference Frame Mr Nicholas Brown (Head of Office UN-GGCE)

3:00 – 3:30 pm	Afternoon Break
3:30 – 4:15 pm	1.4.1 Regional Geodetic Collaborations Mr Nicholas Brown (<i>Head of Office UN-GGCE</i>)
4:15 – 5:00 pm	1.4.2 Options for countries to align their datums with ITRF (including worked example) Mr Nicholas Brown (<i>Head of Office UN-GGCE</i>)

Tuesday, 4 Nov	Location: Enrique Iglesias Auditorium, Level 1, Main Building, ECLAC
8:30 – 9:00 am	Arrival and entry to the building
9:00 – 10:00 am	Activity: Geodesy Factbook Mr Ryan Keenan (<i>UN-GGCE Consultant</i>)
10:00 – 10:30 am	Discussion on Geodesy Factbook Mr Ryan Keenan (<i>UN-GGCE Consultant</i>)
10:30 – 11:00 am	Morning Break
11:00 – 11:30 am	2.2.1 National geodetic adjustments Mr Nicholas Brown (<i>Head of Office UN-GGCE</i>)
11:30 am – 12:00 pm	Discussion on national geodetic adjustments Mr Nicholas Brown (<i>Head of Office UN-GGCE</i>)
12:00 – 2:00 pm	Lunch
2:00 – 2:30 pm	2.3.1 Introduction to data standardization, tools and registers Mr Nicholas Brown (<i>Head of Office UN-GGCE</i>)
2:30 – 3:00 pm	Discussion on data standards Mr Nicholas Brown (<i>Head of Office UN-GGCE</i>)
3:00 – 3:30 pm	Afternoon Break
3:30 – 5:00 pm	Start working on your Roadmap Mr Nicholas Brown (<i>Head of Office UN-GGCE</i>)

Wednesday, 5 Nov	Location: Enrique Iglesias Auditorium, Level 1, Main Building, ECLAC
8:30 – 9:00 am	Arrival and entry to the building
9:00 – 9:45 am	3.1.1 Development of transformation parameters, plate motion models and deformation models Mr Nicholas Brown (Head of Office UN-GGCE)
9:45 – 10:30 am	3.1.2 Worked example: Transformation Parameters Mr Nicholas Brown (Head of Office UN-GGCE)
10:30 – 11:00 am	Morning Break
11:00 – 12:00 pm	3.2.1 National geoid models and height datums Mr Nicholas Brown (Head of Office UN-GGCE)
12:00 – 2:00 pm	Lunch
2:00 – 2:30 pm	3.3.1 Capacity development needs Mr Ryan Keenan (UN-GGCE Consultant)
2:30 – 3:00 pm	3.3.2 International geodesy initiatives Mr Ryan Keenan (UN-GGCE Consultant)
3:00 – 3:30 pm	Afternoon Break
3:30 – 4:00 pm	3.4.1 Pan American Institute of Geography and History / Instituto Panamericano de Geografía e Historia Mr Antonio Campuzano (Secretary General)
4:00 – 4:30 pm	3.4.2 Caribbean Geospatial Development Initiative Simone Lloyd (Jamaica)
4:30 – 5:00 pm	3.4.3 Alumni of the workshop Ms Walaa Allahham (UN-GGCE)

Thursday, 6 Nov	Location: Enrique Iglesias Auditorium, Level 1, Main Building, ECLAC
8:30 – 9:00 am	Arrival and entry to the building
9:00 – 9:30 pm	4.1.1 Communicating geodesy Mr Nicholas Brown (<i>Head of Office UN-GGCE</i>)
9:30 – 10:30 am	Group Activity: Communications Mr Nicholas Brown (<i>Head of Office UN-GGCE</i>)
10:30 – 11:00 am	Morning Break
11:00 – 11:30 am	4.2.1 Developing Business Cases for increased investment in geodesy Mr Ryan Keenan (<i>UN-GGCE Consultant</i>)
11:30 am – 12:00 pm	Group Activity: Drafting persuasive business cases Mr Ryan Keenan (<i>UN-GGCE Consultant</i>)
12:00 – 2:00 pm	Lunch
2:00 – 3:00 pm	Geodesy country reports (Uruguay, Chile, Canada, USA, Bahamas, Belize, Mexico, Aruba, Caribbean Netherlands, Venezuela, Honduras)
3:00 – 3:30 pm	Afternoon Break
3:30 – 5:00 pm	Geodesy country reports (Colombia, Trinidad & Tobago, Suriname, Ecuador, Peru)

Friday, 7 Nov	Location: Enrique Iglesias Auditorium, Level 1, Main Building, ECLAC
8:30 – 9:00 am	Arrival and entry to the building
9:00 – 9:45 am	5.1.1 Governance <i>Mr Nicholas Brown (Head of Office UN-GGCE)</i>
9:45 – 10:30 am	5.1.2 Joining Land and Sea <i>Mr Nicholas Brown (Head of Office UN-GGCE)</i>
10:30 – 11:00 am	Morning Break
11:00 – 12:00 am	Group Activity: Working on your Roadmap
12:00 – 1:30 pm	Lunch
1:30 – 2:30 pm	Group Activity: Working on your Roadmap <i>Following their work on their Roadmap, participants will discuss their plans once they return home and seek further guidance on components they need assistance with.</i>
2:30 pm	Closing <i>Mr Nicholas Brown (Head of Office UN-GGCE)</i>