

GEO Americas Country	GEO Americas Caucus Principals	AmeriGEOSS Regional Coordination Working Group Members	Agriculture Technical Working Group	Disaster Technical Working Group	Bio-Eco Technical Working Group	Water Technical Working Group	Foundational Activities Technical Working Group
Argentina	GEO Principal Dr Conrado Franco Varotto Executive and Technical Director CONAE, Comisión Nacional de Actividades Espaciales	Ana Medico/CONAE		Ana Medico/CONAE			
	GEO Principal Alternate Mrs Ana Gabriela Medico International Relations CONAE, Comisión Nacional de Actividades Espaciales			Alternates: Lucas Bruno/CONAE and Afrain Ardini/CONAE			
Bahamas	GEO Principal Mr Trevor McNeil Basden Acting Director Department of Meteorology Ministry of Environment						

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	GEO Principal Alternate Mr Jeffery Wellington Simmons						
	GEO Correspondence Contact Mr Basil Andrew Dean						
	GEO Correspondence Contact Mr Michael Andrew Stubbs						
Belize	GEO Principal Mr Dennis Sylvestre Gonguez Director Ministry of Natural Resources and the Environment National Meteorological Service of Belize						
	GEO Principal						

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	Alternate Mr Derrick Rudon Meteorologist Ministry of Natural Resources and the Environment National Meteorological Service of Belize						
	GEO Correspondence Contact Mr Ramón Frutos National Meteorological Service						
	GEO Correspondence Contact Mrs Ann Gordon National Meteorological Service						
	GEO Correspondence Contact Mr Roy Thompson						

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	National Meteorological Service						
Brazil	GEO Principal Mrs Maria Rita Fontes Faria Counselor Itamaraty/Head of the Division for Ocean, Antarctic and Outer Space Affairs	Hilcea Ferreira/INPE		Luiz Machado/INPE			
	GEO Principal Alternate Dr Leonel Fernando Perondi Director MCT - Ministry of Science, Technology and Innovation Direction National Institute for Space Research (INPE)			Alternates: Diego Souza/INPE, Divino Figueiredo/ INMET, Eymar Lopes/INPE			
	GEO Correspondence Contact						

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	Ms Hilcéa Santos Ferreira Senior Technologist MCT - Ministry of Science and Technology OBT - Earth Observation Directorate National Institute for Space Research (INPE)						
	GEO Correspondence Contact Dr Leila Maria Garcia Fonseca Director of Earth Observation Directory MCT - Ministry of Science, Technology and Innovation OBT - Earth Observation Directory INPE - National Institute for Space						

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	Research						
	GEO Correspondence Contact Mr Andre Joao Rypl Third Secretary Division for Ocean, Antarctic and Outer Space Affairs Itamaraty Ministry of External Relations - MRE						
Canada	GEO Principal Mr David Ronald Grimes Assistant Deputy Minister ADMO Environment Canada Meteorological Service of Canada	Laura Mills/Environment and Climate Change Canada		Laura Mills/Canada (until a suitable disasters POC is identified)	Dr. Peter Lawton Peter.Lawton@dfo-mpo.gc.ca Research Scientist, <i>Department of Fisheries and Oceans</i> , Canada, Biological Station, Saint Andrews, New Brunswick. Executive Director, <i>Centre for Marine Biodiversity</i>		
	GEO Principal Alternate						

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	Dr Danielle Lacasse Director General Business Policy Directorate Environment Canada Meteorological Service of Canada						
	GEO Correspondence Contact Mrs Heather Aucoin Senior Advisor Strategic Integration Division (SID) Environment Canada Meteorological Service of Canada						
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	GEO Correspondence Contact Ms Joanne Clarke International Affairs Officer Policy and Partnerships Division Environment Canada Meteorological Service of Canada						
	GEO Correspondence Contact Mr Michael Patrick Crowe Director Strategic Integraton Environment Canada Meteorological Service of Canada						
Chile	GEO Principal	Sr. Luciano Parodi	Sr. Sergio	Sr. Luciano Parodi	Sra. Nancy	Sra. Mercedes	Sr. Alvaro Monett,

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	<p>Mr Luciano Parodi. Minister Counselor, Ministry of Foreign Affairs of Chile Teatinos 180, Santiago lparodi@minrel.gob.cl</p>	<p>lparodi@minrel.gob.cl</p>	<p>Maldonado, Gerente Geomática, CIREN, Ministerio de Agricultura +56 2 2200 8958 smaldonado@ciren.cl www.ciren.cl</p>	<p>/Ministry of Foreign Affairs lparodi@minrel.gob.cl</p>	<p>Cespedes Jefa Dpto. Recursos Naturales, Dirección de Medio Ambiente y Asuntos Oceánicos, MRREE. ncespedes@minrel.gob.cl Teléfono: +56 2 28274718</p>	<p>Meneses Jefa Depto. Medio Ambiente, Dirección de Medio Ambiente y Asuntos Oceánicos, MRREE. mmeneses@minrel.gob.cl Teléfono: +56 2 28274385</p>	<p>Secretario Ejecutivo SNIT-IDE de Chile, Ministerio de Bienes Nacionales Fono: +56 2 2937 5829 amoneth@mbienes.cl www.ide.cl</p>
	<p>GEO Principal Alternate Mr Jaime Alex Moscoso Ingeniero Comercial Ministerio de relaciones exteriores Mision de Chile ante nnuu y otros ooii en Ginebra</p>			<p>Alternate: Lucia Lovison/AfriTerra Foundation/GEOSS AIP Capacity Building lead</p>			
	<p>GEO Correspondence Contact Mission of Chile Mission du Chili</p>			<p>Alternate: Alvaro Monett/IDE-SNIT</p>			

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	auprès des Nations Unies						
Colombia	GEO Principal Mr Omar Franco Torres Agronomist / Director Direction Institute of Hydrology, Meteorology and Environmental Studies	Diana Quimbay Valencia/IDEAM		Ricardo Quiroga/IDEAM	Alejandro Henao Parques Nacionales-corales de profundidad. investigaciones.profundidad@gmail.com		
	GEO Principal Alternate Mr Juan Antonio Nieto Escalante Lawyer / Director Direction Geographical Institute Agustin Codazzi	Ricardo Quiroga/IDEAM					
	GEO Correspondence Contact Mr Carlos Alfredo Carretero Socha						

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	Ministre conseiller Mission Permanente de la Colombie						
	Mr William Alberto Martinez Diaz Cadastral and Geodetic Engineer Office of Research and Development Center for Geographic Information / Head Geographical Institute Agustin Codazzi						
	GEO Correspondence Contact Mrs Elena Possada Forest Engineer Office of Research and Development Center for Geographic Information Geographical Institute Agustin						

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	Codazzi						
	GEO Correspondence Contact Mrs Martha Patricia Leon Poveda Cadastral and Geodetic Engineer Ecosystems and Environmental Information / Coordinator Institute of Hydrology, Meteorology and Environmental Studies						
	GEO Correspondence Contact Mrs Maria Saralux Valbuena López Assistant Director Division of Ecosystems and Environmental information						

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	Institute of Hydrology, Meteorology and Environmental Studies						
Costa Rica	GEO Principal Mr Juan Carlos Fallas Director General National Meteorological Institute			Lidier Esquivel Valverde/CNE	Jorge Cortés, Centro de Investigación en Ciencias del Mar y Limnología (CIMAR), Universidad de Costa Rica, San Pedro, San José JORGE.CORTES@ucr.ac.cr		Werner Stolz
	GEO Principal Alternate Mr Werner Stolz Head Synoptic and Aeronautic Meteorology Department National Meteorological Institute			Alternate: Juan Carlos Fallas Director General National Meteorological Institute			

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	GEO Correspondence Contact Mr Rodolfo Sanchez Head Information Technology Unit National Meteorological Institute						
Ecuador	GEO Principal Ms Maria Fernanda Espinosa Ambassador Permanent Mission of Ecuador, Geneva	Maria del Pilar Cornejo Escuela Superior Politecnica del Litoral pcornejo@espol.edu.ec		Dr. María del Pilar Cornejo de Grunauer/ FIMCBOR-ESPOL	Arturo Izurieta Director Ejecutivo de la Fundacion Charles Darwin (AISBL) arturo.izurieta@fcdarwin.org.ec		
	GEO Principal Alternate Ms Mónica Martínez Minister Permanent Mission of Ecuador, Geneva			Alternate: Luis Porras/IGM			
	GEO Correspondence						

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	Contact Permanent Mission of Ecuador to UNOG						
Honduras	GEO Principal Mrs Patricia Brocatto Director External cooperation and mobilization of resources Ministry of Natural Resources and Environment						
	GEO Correspondence Contact Mr Nelson Muñoz Director National System on Environment Information Ministry of Natural Resources and Environment						
Mexico	GEO Principal	Eduardo de la Torre	Julio Castillo –	Sergio Cerdeira	Sergio Cerdeira		Jesús Romero Ruiz

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	<p>Mr Rolando Ocampo rolando.ocampo@inegi.org.mx</p> <p>Vice president of the Governing Board, National Institute of Statistics and Geography (INEGI)</p> <p>Mr. José Eduardo de la Torre jdelatorre@inegi.org.mx – INEGI, Planning Director; Advisor to GEO Principal</p>	<p>– INEGI</p> <p>Julio Castillo Urdapilleta castillo.julio@aem.gob.mx –AEM</p> <p>Jesús Romero Ruiz romero.jesus@aem.gob.mx - AEM</p>	<p>Agencia Espacial Mexicana (AEM)</p> <p>Jesús Romero Ruiz – AEM</p> <p>Mr. Francisco Jimenez Nava – INEGI francisco.jimenez@inegi.org.mx</p>	<p>Estrada – CONABIO</p> <p>Alternate: Carlos Miguel Valdes Gonzalez – CENAPRED</p> <p>Mr. José Luis Ornelas –INEGI JOSE.ORNELAS@inegi.org.mx</p>	<p>Estrada</p> <p>National Commission for Knowledge and Use of Biodiversity (CONABIO) scerdeira@conabio.gob.mx</p> <p>Mr. Michael Schmidt –CONABIO</p> <p>Mr. Francisco Jimenez Nava – INEGI francisco.jimenez@inegi.org.mx</p>		<p>–AEM</p> <p>Eduardo de la Torre - INEGI</p>
	<p>GEO Principal Alternate Mr Arturo Flores Martínez Representative, Director-General, Statistic and Environmental Information Ministry of</p>						

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	Environment and Natural Resources						
	GEO Correspondence Contact Mrs Cleotilde Arellano Director of Geomatics, Ministry of Environment and Natural Resources						
	GEO Correspondence Contact Ms Pilar García, Director of International Affairs National Institute of Statistics and Geography						
	GEO Correspondence Contact Mr Raul Vargas, Permanent Mission						

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	of Mexico to the United Nations Office and other international organizations in Geneva						
Panama	GEO Principal Dr Ligia Castro De Doens National Environmental Authority P.O. Box C-0843 Balboa Ancon Panama						
	GEO Principal Alternate Ms Diana Laguna Environmental Information Director Environmental Information Directorate National Environmental Authority						
	GEO						

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	Correspondence Contact Mrs Una Iraida Alfu De Reyes Ambassador, Deputy Permanent Representative Permanent Mission of Panama to the United Nations						
Paraguay	GEO Principal Mrs Maria Cristina Morales Lic. Ministerio Secretaria del Ambiente (SEAM) Av. Mme Linch N°3500 Asuncion Paraguay						
	GEO Principal Alternate Dr Angel Alberto Yanosky Executive Director Executive Direction Asociación Guyra						

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	Paraguay						
	GEO Correspondence Contact Mrs Isabel Gamarra De Fox Lic. Dirección General de Control Ambiental Ministerio Secretaria del Ambiente						
	GEO Correspondence Contact Mr Oscar Rodas Lic. Guyra Paraguay Gaetano Martino N°215 esq. Tte. Ross 1132 Asuncion Paraguay						
	GEO Correspondence Contact						

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	Mrs Rossana Sanchez Guyra Paraguay						
	GEO Correspondence Contact Mrs Carmen Vega Ministerio Secretaria del Ambiente						
Peru	GEO Principal Mayor General Carlos Elias Rodriguez Pajares CONIDA						
	GEO Principal Alternate Ing. Jorge Roberto Pacheco Linares CONIDA						
United States	GEO Principal Dr Kathryn D. Sullivan Under Secretary of Commerce for Oceans and	Angelica Gutierrez/NOAA	Alyssa Whitcraft (UMD/GEOGLAM) Inbal Becker- Reshef (UMD/GEOGLAM)	Don Sullivan/NASA	Roger Sayre/USGS	Angelica Gutierrez/NOAA	Nancy Searby/NASA

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	Atmosphere Office Of The Under Secretary/Administrator National Oceanic and Atmospheric Administration (NOAA)		Chris Justice (UMD) Dave Johnson (USDA NASS) Debra Peters (USDA OSEC) Jim Crutchfield (USDA FAS) Denise McWilliams (USDA FAS)				
	GEO Principal Alternate Dr Tamara Dickinson Principal Assistant Director Environment and Energy Office of Science and Technology Policy in the Executive Office of the President	Nancy Searby/NASA	Brad Doorn/NASA	Stu Frye/NASA	Gabrielle Canonico/NOAA	Brad Doorn/NASA	Eric Wood/USGS
	GEO Principal		Alyssa Whitcraft				

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	Alternate Dr Suzette Kimball		(UMD/GEOGLAM) Inbal Becker-Reshef (UMD/GEOGLAM) Chris Justice (UMD) Dave Johnson (USDA NASS) Debra Peters (USDA OSEC) Jim Crutchfield (USDA FAS) Denise McWilliams (USDA FAS)				
	GEO Correspondence Contact Ms Yana Gevorgyan Senior International Relations Specialist NOAA Satellite and Information Service		Brad Doorn/NASA				

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	Department of Commerce The National Oceanic and Atmospheric Administration (NOAA)						
	GEO Correspondence Contact John Matuszak Senior Policy Advisor OES/EQT U.S. Department of State						
	GEO Correspondence Contact Mr Wade J. Price U.S. Group on Earth Observations Secretariat Smithsonian Institution						
Bolivia - Observer	GEO Correspondence	Jaime					

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	Contact Mrs Sophie Moreau						
Guatemala - Observer		Jose Galves					
		Kenset Rosales					

Canada, Colombia, Chile,

First email:

Caucus meeting will be useful

Send an approval secretarially to all the geo principals we understand that not all the GEO principals

And as we are seeking your formal approval at this stage

Note that it will be a meeting of the Caucus

Dead line for the beginning of Nov. formal approval or comments prior to the plenary.

Second email: for the Seconded draft.