

GEO Work Programme 2016 version v4 List of Points of Contact

CA	Description	Point of Contact	email	GEOSEC
CA-01	Global Land Cover	Brice Mora, GOFD-GOLD Chen Jun (NSDI, China) Chris Steenmans, EEA Andreas Brink, JRC Zoltan Szantoi, JRC	brice.mora@wur.nl chenjun@nsdi.gov.cn chris.steenmans@eea.europa.eu andreas.brink@jrc.ec.europa.eu zoltan.szantoi@jrc.ec.europa.eu	André Obregon aobregon@geosec.org Gary Geller ggeller@geosec.org
CA-02	Land Cover for Africa	Farah Hussein, RCMRD Amadou Dieye	farah@rcmrd.org dieye@cse.sn	André Obregon aobregon@geosec.org Gary Geller ggeller@geosec.org
CA-03	Access to climate data in GEOSS	Glenn Rutledge, NOAA Michel Rixen, WCRP	glenn.rutledge@noaa.gov mrixen@wmo.int	André Obregon aobregon@geosec.org
CA-04	Strengthen collaboration between GEO and GFCS	Meredith Muth, NOAA, USA Stefan Rösner, DWD, Germany	meredith.f.muth@noaa.gov stefan.roesner@dwd.de	André Obregon aobregon@geosec.org
CA-05	TIGGE (Thorpex Interactive Grand global Ensemble) evolution into a Global Interactive Forecast System (GIFS)	Jean-Noel Thepaut, ECMWF	jean-noel.thepaut@ecmwf.int	André Obregon aobregon@geosec.org
CA-06	EO data and mineral resources (Includes also the, Impact Monitoring System for Geo-Resource Exploration and Exploitation)	Stephane Chevrel, BRGM, France	s.chevrel@brgm.fr	André Obregon aobregon@geosec.org

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CA-07	Integrated Water-cycle Products and Services - Overall coordination	Richard Lawford, Morgan State University, USA	rlawford@gmail.com	Dominique Berod dberod@geosec.org
CA-08	Water Vapor and Clouds (and Aerosol and Precipitation)	Ralph Ferraro, NOAA/NESDIS USA	Ralph.R.Ferraro@noaa.gov	Dominique Berod dberod@geosec.org
CA-09	Precipitation	George Huffman: GFSC, NASA, USA	george.j.huffman@nasa.gov ,	Dominique Berod dberod@geosec.org
CA-10	Evapotranspiration (and Evaporation)	Forrest Melton NASA USA	forrest.s.melton@nasa.gov	Dominique Berod dberod@geosec.org
CA-11	Soil Moisture	Peter van Oevelen, GEWEX	pvanoevelen@gmail.com	Dominique Berod dberod@geosec.org
CA-12	River Discharge	Julius Whellens-Mensah WMO	jwellens-mensah@wmo.int	Dominique Berod dberod@geosec.org
CA-13	Groundwater	Neno Kukuric IGRAC	Neno.Kukuric@un-igrac.org ;	Dominique Berod dberod@geosec.org
CA-14	GEO Water Quality	Steven Greb, WDNR USA	steven.greb@wisconsin.gov	Dominique Berod dberod@geosec.org
CA-15	Water Cycle Capacity Building	Angelica Gutierrez-Magness, CIEHLYC	Angelica.Gutierrez@noaa.gov	Dominique Berod dberod@geosec.org
CA-16	Global Drought Information System (GDIS)	Will Pozzi USA	will.pozzi@gmail.com	Dominique Berod dberod@geosec.org
CA-17	GEO Great Lakes Activity	Gail Faveri Canada Norman Granneman USA	Gail.Faveri@ec.gc.ca nggranne@usgs.gov	Dominique Berod dberod@geosec.org
CA-18	Water Cycle Integrator (WCI)	Toshio Koike Japan	tkoike@hydra.t.u-tokyo.ac.jp	Dominique Berod dberod@geosec.org
CA-19	E2E Water Indicators	Charles J. Vörösmarty, CUNY Environmental CrossRoads Initiative, City	cvorosmarty@ccny.cuny.edu	Dominique Berod dberod@geosec.org

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		University of New York USA		
CA-20	Earth2Observe	J. Schellekens, The Netherlands	jaap.schellekens@deltares.nl	Dominique Berod dberod@geosec.org
CA-21	Total Water Prediction: Observations Infrastructure (new-US)	Angelica Gutierrez, NOAA, USA	angelica.gutierrez@noaa.gov	Dominique Berod dberod@geosec.org
CA-22	Linking water tasks with wider societal benefit areas and the post-2015 global development framework	Richard Lawford, Morgan State University, USA and Adrian Strauch, University of Bonn, Germany.	rlawford@gmail.com ; adrian.strauch@uni-bonn.de	Dominique Berod dberod@geosec.org
CA-23	Space and Security	Sergio Albani, European Union Satellite Centre (EU SatCen)	Sergio.Albani@satcen.europa.eu	Osamu Ochiai oochiai@geosec.org
CA-24	Earth Observation in Cultural Heritage documentation	Petros Patias, the Aristotle University, Greece	patias@auth.gr	Wenbo Chu wchu@geosec.org Chao Xing cxing@geosec.org
CA-25	Africa Global-scale Geochemical Baselines for mineral resource and environmental management: Capacity-building phase	Claudia Delfini, Eurogeosurveys	claudia.delfini@eurogeosurveys.org	Gary Geller ggeller@geosec.org
CA-26	Towards Chinese tsunami mitigation system under GEO framework	WEN Ruizhi, Institute of Engineering Mechanics, China Earthquake Administration, China	ruizhi@iem.ac.cn	Dominique Berod dberod@geosec.org Chao Xing cxing@geosec.org
CA-27	Foster Utilization of Earth Observation Remote Sensing and In Situ Data for All Phases of Disaster Risk Management (new- CEOS)	Ivan Petiteville (CEOS) Kerry Sawyer (CEOS)	Ivan.Petiteville@esa.int	Dominique Berod dberod@geosec.org

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CA.28	Global Flood Risk Monitoring (new-US)	NASA, USA David Green	david.s.green@nasa.gov	Dominique Berod dberod@geosec.org
CA.29	Using Geospatial Data to Identify and Monitor Ecosystem Service and Track in a Natural Capital – Ecosystems Accounts Framework (new-US)	State Department USA John Matuszak	MatuszakJM@state.gov	Gary Geller ggeller@geosec.org
CA-30	Harmful Algal Bloom (HAB) Early Warning System (new-US)	NOAA USA, Juli Trtanj	juli.trtanj@noaa.gov	Gary Geller ggeller@geosec.org
CA-31	For Global Mangrove Monitoring (new-US)	USGS USA Chandra Giri	cgiri@usgs.gov	Gary Geller ggeller@geosec.org
CA-32	Research Data Science Summer Schools (new-CODATA/RDA)	CODATA and RDA Simon Hodson	simon@codata.org	Andiswa Mlisa amlisa@geosec.org
CA-33	Building capacity for Forest Biodiversity in Asia and the Pacific Region (new-Indian Institutions)	K. D. Singh Academy of Forest and Environmental Sciences, FRI Campus, Dehradun, India	karndeo_singh@hotmail.com	Andiswa Mlisa amlisa@geosec.org

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GI-01	GEOGLAM-Global Agricultural Monitoring and Early Warning	Michel Deshayes	mdeshayes@geosec.org	Michel Deshayes mdeshayes@geosec.org
GI-02	GEOBON-Global Biodiversity Observation (GEO BON)	Jörg Freyhof GEO BON Executive Director Germany	joerg.freyhof@idiv.de	Gary Geller ggeller@geosec.org
GI-03	GFOI Global Forest Observation Initiative	Stephen Ward, GFOI Office Coordinator, Australia	mail@stephenward.net	Gary Geller ggeller@geosec.org
GI-04	Global Observing System for Mercury and Persistent Pollutants	Nicola Pirrone, CNR Italy	pirrone@iia.cnr.it	Douglas Cripe dcripe@geosec.org
GI-05	Global Carbon Observation and Analysis System	Antonio Bombelli, CMCC-Italy Werner Kutsch ICOS Headoffice-Finland	antonio.bombelli@cmcc.it werner.kutsch@icos-ri.eu	André Obregon aobregon@geosec.org
GI-06	Reinforcing engagement at regional level: AfriGEOSS for Africa	Andiswa Mlisa	amlisa@geosec.org	Andiswa Mlisa amlisa@geosec.org
GI-07	Ocean and society - Blue Planet	Sophie Seeyave and Trevor Platt, POGO	ssve@pml.ac.uk tplatt@dal.ca	Douglas Cripe dcripe@geosec.org
GI-08	GEO Geohazard Supersites and Natural Laboratories (GSNL)	Stefano Salvi, INGV Italy	stefano.salvi@ingv.it	Dominique Berod dberod@geosec.org
GI-09	Global Wildfire Information System	Jesus San Miguel, EC/JRC	jesus.san-miguel@jrc.ec.europa.eu	Dominique Berod dberod@geosec.org

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GI-10	EO data and renewable energies	Thierry Ranchin MINES ParisTech/ ARMINES . PSL - Research University, France	thierry.ranchin@mines-paristech.fr	André Obregon aobregon@geosec.org
GI-11	Information Services for Cold Regions	Yubao Qiu Institute of Remote Sensing and Digital Earth (RADI) under the Chinese Academy of Sciences (CAS), China	qiuyb@radi.ac.cn	Dominique Berod dberod@geosec.org
GI-12	Integrated Information Systems for Health (Cholera, Heat waves)	NOAA USA Juli Trtanj	juli.trtanj@noaa.gov	Douglas Cripe dcripe@geosec.org
GI-13	Integration of Methods for Air Quality and Health Data, Remote Sensed and In-Situ with Disease Estimate Techniques (new US)	EPA USA Phil Dickerson	Dickerson.Phil@epa.gov	Douglas Cripe dcripe@geosec.org
GI-14	GECO: the GEO Global Ecosystem Initiative	A. Provenzale, CNR Italy	antonello.provenzale@cnr.it	Gary Geller ggeller@geosec.org
GI-15	GEO-GNOME Initiative: GEO Global Network for Observation and information in Mountain Environments	A. Provenzale, CNR Italy	antonello.provenzale@cnr.it	Gary Geller ggeller@geosec.org
GI-16	GEO-DARMA = Data Access for Risk Management (new-CEOS) <i>(to support the implementation of Sendai framework 2016-30).</i>	Ivan Petiteville (CEOS)	Ivan.Petiteville@esa.int	Dominique Berod dberod@geosec.org
GI-17	Global Urban Observation and Information	Qihao Weng, Indiana State University - USA	qweng@indstate.edu	André Obregon aobregon@geosec.org

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				Wenbo Chu wchu@geosec.org
GI-18	Earth Observations in Service of the 2030 Agenda for Sustainable Development	TBD		Robert Samors rsamors@geosec.org Giovanni Rum grum@geosec.org
GI-19	AmeriGEOSS (new)	Angelica Gutierrez, NOAA, USA	angelica.gutierrez@noaa.gov	Giovanni Rum grum@geosec.org
GI-20	GEO Global Water Security (GEOGLOWS) new-US	Angelica Gutierrez, NOAA, USA Bradley Doorn, NASA, Jerad Bales, USGS, USA	angelica.gutierrez@noaa.gov bradley.doorn@nasa.gov ; jdbales@usgs.gov	Dominique Berod dberod@geosec.org
GI-21	Human Planet Initiative	Martino Pesaresi, JRC/EC	martino.pesaresi@jrc.ec.europa.eu	André Obregon aobregon@geosec.org Wenbo Chu wchu@geosec.org

PROPOSED FOUNDATIONAL TASKS

GD	GEOSS Development and GCI Operations			
	Description	Point of Contact	email	GEOSEC
GD-01	Advancing GEOSS Data Sharing principles	Data Sharing WG Co-chairs Robert Chen (ICSU) Catherine Doldirina (EC/JRC) Michel Schouppe (EC) Lerato Senoko (RSA) Paul Uhlir (ICSU) Greg Withee (US)	bchen@CIESIN.COLUMBIA.EDU catherine.doldirina@JRC.EC.EUROPA.EU michel.schouppe@ec.europa.eu lerato.senoko@DST.GOV.ZA puhlir@NAS.EDU gwithee@MSN.COM	Wenbo Chu wchu@geosec.org
GD-02	GCI Operations (<i>including access to Knowledge</i>)	Mirko Albani ESA	mirko.albani@esa.int	Paola De Salvo pdesalvo@geosec.org
GD-03	Global Observing and Information Systems	Lars-Peter Riisøgaard, WMO-WIGOS	lriisøgaard@wmo.int	Osamu Ochiai oochiai@geosec.org
GD-04	GEONETCast Development and Operations	Chunfang Wang, CMA Mike Williams, EUMETSAT Eric Madsen, NOAA	wangcf@cma.gov.cn mike.williams@eumetsat.int eric.madsen@noaa.gov	Osamu Ochiai oochiai@geosec.org
GD-05	GEOSS satellite Earth Observation Resources	Brian Killough CEOS	brian.d.killough@nasa.gov	Osamu Ochiai oochiai@geosec.org
GD-06	GEOSS in situ Earth Observation Resources	Osamu Ochiai	oochiai@geosec.org	Osamu Ochiai oochiai@geosec.org
GD-07	GCI Development	Ivan B. DeLoatch, USGS	ideloatch@usgs.gov	Paola De Salvo pdesalvo@geosec.org

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GD-08	SBA processes: Systematic determination of user needs / observational gaps	Secretariat Experts		Giovanni Rum grum@geosec.org
GD-09	Knowledge Base development	Hans Peter Plag, IEEE Stefano Nativi, CNR Italy	hpplag@odu.edu stefano.nativi@cnr.it	Douglas Cripe dcripe@geosec.org
GD-10	Radio-frequency protection	Jose Arimatea de Sousa Brito, WMO	josearimateabrito@gmail.com	Osamu Ochiai oochiai@geosec.org
GD-11	Utilization of Communication Networks	Beatrix Weber, GEANT	Beatrix.Weber@geant.org	Osamu Ochiai oochiai@geosec.org

CD	Community Development			
	Description	Point of Contact	email	GEOSEC
CD-01	Capacity Building coordination	Gregory Giuliani, University of Geneva, CH Mark Noort, HCP International Hilcea Ferreira, INPE, Brazil	gregory.giuliani@unepgrid.ch m.noort@hcpinternational.com hilcea@dpi.inpe.br	Andiswa Mlisa amlisa@geosec.org
CD-02	Reinforcing engagement at national and regional level	Secretariat Expert		Andiswa Mlisa amlisa@geosec.org Wenbo Chu wchu@geosec.org
CD-03	Assess the benefits from EOs and of their socio-economic value	Jay Pearlman, IEEE	jay.pearlman@jandfent.com	Robert Samors rsamors@geosec.org Giovanni Rum

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SO	Secretariat Operations			
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SO-02	Communication and Engagement	Secretariat Expert		Robert Samors rsamors@geosec.org
SO-03	Monitoring and Evaluation	Secretariat Expert		Chao Xing cxing@geosec.org
SO-04	Resource Mobilization	Secretariat Expert		Robert Samors rsamors@geosec.org